

LIST OF PUBLICATIONS

Tomasz Wojtowicz

CHAPTERS IN BOOKS

1. „*Fermi Level Effects on Mn Incorporation in III-Mn-V Ferromagnetic Semiconductors*”,
K. M. Yu, T. Wojtowicz, W. Walukiewicz, X. Liu, and J. K. Furdyna,
In: “Spintronics”, Semiconductors and Semimetals, eds. T. Dietl, D. D. Awschalom, M. Kamińska, H. Ohno
(Elsevier, Amsterdam, 2008), Vol. 82, Page: 89.
2. „*CdTe-Based Semimagnetic Semiconductors*”,
R. R. Gałazka and T. Wojtowicz,
In: CdTe and Related Compounds; Physics, Defects, Hetero- and Nano-structures, Crystal Growth, Surfaces
and Applications, Part I, eds. R. Triboulet and P. Siffert, (Elsevier, Amsterdam, 2010) p. 133.
3. „*Band-Offset Engineering in Magnetic/Non-Magnetic Semiconductor Quantum Structures*”,
J.K. Furdyna, S. Lee, M. Dobrowolska, T. Wojtowicz, and X. Liu,
In: Introduction to the Physics of Diluted Magnetic Semiconductors, Springer Series in Materials Science,
Vol. 144, eds. J. Kossut, and J. Gaj, (Springer-Verlag Berlin Heidelberg 2010) p. 103.

ORYGINAL PUBLICATIONS

together with impact factor of leading journals – IF

Nature Materials (IF₂₀₁₆=38.891):

1. „*Pressure-induced ferromagnetism in (In,Mn)Sb dilute magnetic semiconductor*”
M. Csontos, G. Mihaly, B. Janko, T. Wojtowicz, X. Liu, and J.K. Furdyna,
Nature Materials **4**, 447 (2005).

Science (IF₂₀₁₆=34.661):

2. „*Spin-Transistor Action via Tunable Landau-Zener Transitions*”,
C. Betthausen, T. Dollinger, H. Saarikoski, V. Kolkovsky, G. Karczewski, T. Wojtowicz, K. Richter, D.
Weiss,
Science **337**, 324 (2012).

Nature Photonics (IF₂₀₁₆=31.167):

3. „*Access to long-term optical memories using photon echoes retrieved from semiconductor spins*”,
L. Langer, S.V. Poltavtsev, I.A. Yugova, M. Salewski, D.R. Yakovlev, G. Karczewski, T. Wojtowicz,

A.V. Akimov, M. Bayer,
Nature Photonics **8**, 851 (2014).

Nature Physics (IF₂₀₁₆= 18.791):

4. *"Long-range p-d exchange interaction in a ferromagnet-semiconductor hybrid structure"*,
V.L. Korenev, M. Salewski, I.A. Akimov, V.F. Sapega, L. Langer, I.V. Kalitukha, J. Debus, R.I. Dzhioev,
D.R. Yakovlev, D. Müller, C. Schröder, H. Hövel, G. Karczewski, M. Wiater, T. Wojtowicz, Y. Kusrayev,
M. Bayer,
Nature Physics **12**, 85 (2016).

Nano Letters (IF₂₀₁₆= 13.779):

5. *"Zn_{1-x}Mn_xTe Diluted Magnetic Semiconductor Nanowires Grown by Molecular Beam Epitaxy"*
W. Zaleszczyk, E. Janik, A. Presz, P. Dłużewski, S. Kret, W. Szuszkiewicz, J.F. Morhange, E. Dynowska, H.
Kirmse, W. Neumann, A. Petrouchik, L.T. Baczewski, G. Karczewski, T. Wojtowicz,
Nano Letters **8**, 4061 (2008).
6. *"Ferromagnetic GaAs/GaMnAs Core/Shell Nanowires Grown by Molecular Beam Epitaxy"*,
A. Rudolph, M. Soda, M. Kiessling, T. Wojtowicz, D. Schuh, W. Wegscheider, J. Zweck,
C. Back, E. Reiger,
Nano Letters **9**, 3860 (2009).
7. *"Giant spin splitting in optically active ZnMnTe/ZnMgTe core/shell nanowires"*
P. Wojnar, E. Janik, L.T. Baczewski, S. Kret, E. Dynowska, T. Wojciechowski, J. Suffczyński,
J. Papierska, P. Kossacki, G. Karczewski, J. Kossut, and T. Wojtowicz,
Nano Letters **12**, 3404 (2012).
8. *"Spin Splitting Anisotropy in Single Diluted Magnetic Nanowire Heterostructures"*,
M. Szymura, P. Wojnar, Ł. Kłopotowski, J. Suffczyński, M. Goryca, T. Smoleński, P. Kossacki,
W. Zaleszczyk, T. Wojciechowski, G. Karczewski, T. Wojtowicz, J. Kossut,
Nano Letters **15**, 1972 (2015).

Nanoscale (IF₂₀₁₆= 7.760):

9. *"Coexistence of optically active radial and axial CdTe insertions in single ZnTe nanowire"*,
P. Wojnar, J. Płachta, W. Zaleszczyk, S. Kret, A.M. Sanchez, R. Rudniewski, K. Raczkowska, M. Szymura,
G. Karczewski, L.T. Baczewski, A. Pietruczik, T. Wojtowicz, J. Kossut,
Nanoscale **8**, 5720 (2016).

Physical Review Letters (IF₂₀₁₆=7.645):

10. *"Metal-insulator transition in semimagnetic semiconductors"*,
T. Wojtowicz, T. Dietl, M. Sawicki, W. Plesiewicz, and J. Jaroszynski,
Physical Review Letters **56**, 2419 (1986).
11. *"Influence of s-d exchange interaction on the conductivity of Cd_{1-x}Mn_xSe:In in the weakly localized regime"*,
M. Sawicki, T. Dietl, J. Kossut, J. Igalson, T. Wojtowicz, and W. Plesiewicz,
Physical Review Letters **56**, 508 (1986).

12. „*Magnetization of bound magnetic polarons: direct determination via photomemory effect*”,
T. Wojtowicz, S. Kolesnik, I. Miotkowski, and J. K. Furdyna,
Physical Review Letters **70**, 2317 (1993).
13. „*Influence of s-d exchange interaction on universal conductance fluctuations in $Cd_{1-x}Mn_xTe:In$* ”,
J. Jaroszynski, J. Wrobel, M. Sawicki, E. Kaminska, T. Skoskiewicz, G. Karczewski, T. Wojtowicz,
A. Piotrowska, J. Kossut, and T. Dietl,
Physical Review Letters **75**, 3170 (1995).
14. „*Magnetoconductance noise and irreversibilities in submicron wires of spin-glass $n^+-Cd_{1-x}Mn_xTe$* ”,
J. Jaroszynski, J. Wrobel, G. Karczewski, T. Wojtowicz, and T. Dietl,
Physical Review Letters **80**, 5635 (1998).
15. „*Kinetic exchange between the conduction band electrons and magnetic ions in quantum-confined structures*”,
I. A. Merkulov, D. R. Yakovlev, A. Keller, W. Ossau, J. Geurts, A. Waag, G. Landwehr, G. Karczewski,
T. Wojtowicz, and J. Kossut,
Physical Review Letters **83**, 1431 (1999).
16. „*Extreme in-plane anisotropy of the heavy-hole g factor in (001)-CdTe/CdMnTe quantum wells*”,
Yu. G. Kusrayev, A. V. Koudinov, I. G. Aksyanov, B. P. Zakharchenya, T. Wojtowicz,
G. Karczewski, and J. Kossut,
Physical Review Letters **82**, 3176 (1999).
17. „*Ising quantum Hall ferromagnet in magnetically doped quantum wells*”,
J. Jaroszynski, T. Andrearczyk, G. Karczewski, J. Wrobel, T. Wojtowicz, E. Papis, E. Kaminska,
A. Piotrowska, D. Popovic, and T. Dietl,
Physical Review Letters **89**, 266802 (2002).
18. „*Magnetic domain structure and magnetic anisotropy in $Ga_{1-x}Mn_xAs$* ”,
U. Welp, V. K. Vlasko-Vlasov, X. Liu, J. K. Furdyna, and T. Wojtowicz,
Physical Review Letters **90**, 167206/1 (2003).
19. „*Very large magnetoresistance in lateral ferromagnetic (Ga,Mn)As wires with nanoconstrictions*”,
C. Ruster, T. Borzenko, C. Gould, G. Schmidt, L. W. Molenkamp, X. Liu, T. J. Wojtowicz,
J. K. Furdyna, Z. G. Yu, and M. E. Flatte,
Physical Review Letters **91**, 216602/1 (2003).
20. „*Spin excitations of the spin-polarized electron gas in semimagnetic quantum wells*”,
B. Jusserand, F. Perez, D. R. Richards, G. Karczewski, T. Wojtowicz, C. Testelin, D. Wolverson,
and J. J. Davies,
Physical Review Letters **91**, 086802/1 (2003).
21. „*Collective character of spin excitations in a system of $Mn(2+)$ spins coupled to a two-dimensional electron gas*”,
F. J. Teran, M. Potemski, D. K. Maude, D. Plantier, A. K. Hassan, A. Sachrajda, Z. Wilamowski,
J. Jaroszynski, T. Wojtowicz, and G. Karczewski,
Physical Review Letters **91**, 077201/1 (2003).
22. „*Magnetic scattering of spin polarized carriers in (In,Mn)Sb dilute magnetic semiconductor*”,
M. Csontos, T. Wojtowicz, X. Liu, M. D. B. Janko, J. K. Furdyna and G. Mihaly,
Physical Review Letters **95**, 227203 (2005).

23. „*Spin and orbital quantization of electronic states as origins of second harmonic generation in semiconductors*”,
I. Sanger, D. R. Yakovlev, R. V. Pisarev, V. V. Pavlov, M. Bayer, G. Karczewski,
T. Wojtowicz, and J. Kossut,
Physical Review Letters **96**, 117211 (2006).
24. „*Anomalous hall effect in the (In,Mn)Sb dilute magnetic semiconductor*”,
G. Mihaly, M. Csontos, S. Bordacs, I. Kezsmarki, T. Wojtowicz, X. Liu, B. Janko, and J. K. Furdyna,
Physical Review Letters **100**, 107201 (2008).
25. „*Origin of magnetic circular dichroism in GaMnAs: giant Zeeman splitting versus spin dependent density of states*”,
M. Berciu, R. Chakarvorty, Y. Y. Zhou, M. T. Alam, K. Traudt, R. Jakiela, A. Barcz, T. Wojtowicz,
X. Liu, J. K. Furdyna, and M. Dobrowolska,
Physical Review Letters **102**, 247202 (2009).
26. „*Spin currents in diluted magnetic semiconductors*”,
S. D. Ganichev, S. A. Tarasenko, V. V. Belkov, P. Olbrich, W. Eder, D. R. Yakovlev, V. Kolkovskiy,
W. Zaleszczyk, G. Karczewski, T. Wojtowicz, and D. Weiss,
Physical Review Letters **102**, 156602 (2009).
27. „*Magnetization dynamics down to a zero field in dilute (Cd,Mn)Te quantum wells*”,
M. Goryca, D. Ferrand, P. Kossacki, M. Nawrocki, W. Pacuski, W. Maslana, J. A. Gaj, S. Tatarenko,
J. Cibert, T. Wojtowicz, and G. Karczewski,
Physical Review Letters **102**, 046408 (2009).
28. „*Magnetic-Field Control of Photon Echo from the Electron-Trion System in a CdTe Quantum Well: Shuffling Coherence between Optically Accessible and Inaccessible States*”,
L. Langer, S.V. Poltavtsev, I.A. Yugova, D.R. Yakovlev, G. Karczewski, T. Wojtowicz, J. Kossut,
I.A. Akimov, M. Bayer,
Physical Review Letters **109**, 157403 (2012).
29. „*Terahertz radiation from magnetic semiconductors*”,
R. Rungsawang, F. Perez, D. Oustinov, J. Gomez, V. Kolkovskiy, G. Karczewski, T. Wojtowicz, J. Madeo,
N. Jukam, S. Dhillon, and J. Tignon,
Physical Review Letters **110**, 177203 (2013).
30. „*Coherent coupling of excitons and trions in a photoexcited CdTe/CdMgTe quantum well*”,
G. G. Moody, I.A. Akimov, H. Li, R. Singh, D.R. Yakovlev, G. Karczewski, M. Wiater, T. Wojtowicz,
M. Bayer, S.T. Cundiff,
Physical Review Letters **112**, 0974011 (2014).
31. „*Spin-orbit twisted spin waves: Group velocity control*”,
F. Perez, F. Baboux, C.A. Ullrich, I. D'Amico, G. Vignale, G. Karczewski, T. Wojtowicz,
Physical Review Letters **117**, 137204 (2016).

Crystal Growth and Design (IF₂₀₁₆=4.425):

32. „*Epitaxial zinc-blende CdTe antidots in rock-salt PbTe semiconductor thermoelectric matrix*”,
M. Szot, K. Dybko, P. Dziawa, L. Kowalczyk, E. Smajek, V. Domukhovskiy, B. Taliashvili,
P. Dłuzewski, A. Reszka, B. J. Kowalski, M. Wiater, T. Wojtowicz, and T. Story,
Crystal Growth & Design **11**, 4794 (2011).

33. *Micropillar cavity containing a CdTe quantum dot with a single manganese ion*,
W. Pacuski, T. Jakubczyk, C. Kruse, J. Kobak, T. Kazimierczuk, M. Goryca, A. Golnik, P. Kossacki, M. Wiater, P. Wojnar, G. Karczewski, T. Wojtowicz, D. Hommel,
Crystal Growth & Design **14**, 988 (2014).

Physical Review B (IF₂₀₁₆=3.718):

34. *„Far-infrared magneto-optical study of holes and electrons in zero-band-gap HgTe/Cd_{0.85}Hg_{0.15}Te superlattices”*,
M. Dobrowolska, T. Wojtowicz, H. Luo, J. K. Furdyna, O. K. Wu, J. N. Schulman, J. R. Meyer,
C. A. Hoffman, and F. J. Bartoli,
Physical Review B (Condensed Matter and Materials Physics) **41**, 5084 (1990).
35. *„Magneto-optical properties of HgTe-CdTe superlattices”*,
J. R. Meyer, R. J. Wagner, F. J. Bartoli, C. A. Hoffman, M. Dobrowolska, T. Wojtowicz, J. K. Furdyna, and
L. R. Ram-Mohan,
Physical Review B (Condensed Matter and Materials Physics) **42**, 9050 (1990).
36. *„Magnetic activation of bipolar plasmas in HgTe-CdTe superlattices”*,
J. R. Meyer, C. A. Hoffman, F. J. Bartoli, T. Wojtowicz, M. Dobrowolska, J. K. Furdyna, X. Chu, J. P.
Faurie, and L. R. Ram-Mohan,
Physical Review B (Condensed Matter and Materials Physics) **44**, 3455 (1991).
37. *„Persistent photoconductivity and photoionization of deep electron traps in Ga-doped Cd_{1-x}Mn_xTe”*,
N. G. Semaltianos, G. Karczewski, T. Wojtowicz, and J. K. Furdyna,
Physical Review B (Condensed Matter and Materials Physics) **47**, 12540 (1993).
38. *„Deep-level defects responsible for persistent photoconductivity in Ga-doped Cd_{1-x}Mn_xTe”*,
N. G. Semaltianos, G. Karczewski, B. Hu, T. Wojtowicz, and J. K. Furdyna,
Physical Review B (Condensed Matter and Materials Physics) **51**, 17499 (1995).
39. *„Magnetopolaron effect on shallow indium donors in CdTe”*,
M. Grynberg, S. Huant, G. Martinez, J. Kossut, T. Wojtowicz, G. Karczewski, J. M. Shi, F. M. Peeters, and
J. T. Devreese,
Physical Review B (Condensed Matter and Materials Physics) **54**, 1467 (1996).
40. *„Luminescence detection of nonequilibrium phonons in CdTe/Cd_{0.6}Mn_{0.4}Te semimagnetic quantum wells”*,
A. V. Akimov, A. V. Scherbakov, A. L. Zhmodikov, V. P. Kochereshko, D. R. Yakovlev, W. Ossau, G.
Landwehr, T. Wojtowicz, G. Karczewski, and J. Kossut,
Physical Review B (Condensed Matter and Materials Physics) **56**, 12100 (1997).
41. *„Characterization of normal and inverted interfaces by the Zeeman effect in Cd_{1-x}Mn_xTe/CdTe/Cd_{1-y}Mg_yTe
quantum wells”*,
A. Lemaitre, C. Testelin, C. Rigaux, S. Mackowski, Nguyen-The-Khoi, J. A. Gaj, G. Karczewski,
T. Wojtowicz, and J. Kossut,
Physical Review B (Condensed Matter and Materials Physics) **57**, 4708 (1998).
42. *„Optical path modulation in transient photoreflectance of CdMnTe layers”*,
W. Farah, D. Scalbert, M. Nawrocki, J. A. Gaj, E. Janik, G. Karczewski, and T. Wojtowicz,
Physical Review B (Condensed Matter and Materials Physics) **57**, 8770 (1998).
43. *„Exciton magnetic polarons in (100)- and (120)-oriented semimagnetic digital alloys (Cd,Mn)Te”*,
R. Fiederling, D. R. Yakovlev, W. Ossau, G. Landwehr, I. A. Merkulov, K. V. Kavokin, T. Wojtowicz, M.

- Kutrowski, K. Graszka, G. Karczewski, and J. Kossut,
Physical Review B (Condensed Matter and Materials Physics) **58**, 4785 (1998).
44. „*Optically detected magnetic resonance of excess electrons in type-I quantum wells with a low-density electron gas*”,
C. Y. Hu, W. Ossau, D. R. Yakovlev, G. Landwehr, T. Wojtowicz, G. Karczewski, and J. Kossut,
Physical Review B (Condensed Matter and Materials Physics) **58**, R1766 (1998).
 45. „*Iodine-impurity level in MBE-grown $Cd_{1-x}Mn_xTe$* ”,
D. Wasik, K. Kudyk, M. Baj, J. Jaroszynski, G. Karczewski, T. Wojtowicz, A. Barcz, and J. Kossut,
Physical Review B (Condensed Matter and Materials Physics) **59**, 12917 (1999).
 46. „*g-factor dependence of the evolution of magneto-optical spectra with the density of quasi-two-dimensional electrons in $Cd_{1-x}Mn_xTe/Cd_{1-y}Mg_yTe$ heterostructures*”,
T. Wojtowicz, M. Kutrowski, J. Kossut, F. J. Teran, and M. Potemski,
Physical Review B (Condensed Matter and Materials Physics) **59**, 10437 (1999).
 47. „*High-temperature magnetic and optical properties of CdTe-MnTe superlattices*”,
P. Kossacki, Nguyen-The-Khoi, J. A. Gaj, G. Karczewski, J. Kossut, and T. Wojtowicz,
Physical Review B (Condensed Matter and Materials Physics) **59**, 7679 (1999).
 48. „*Zeeman-gap anomaly in photoluminescence from a two-dimensional electron gas in CdTe/(Cd, Mg)Te quantum wells*”,
S. Takeyama, G. Karczewski, T. Wojtowicz, J. Kossut, H. Kunimatsu, K. Uchida, and N. Miura,
Physical Review B (Condensed Matter and Materials Physics) **59**, 7327 (1999).
 49. „*Exciton magnetic polarons in asymmetric diluted magnetic semiconductor quantum wells*”,
T. Stirner, J. Miao, W. E. Hagston, S. Takeyama, G. Karczewski, T. Wojtowicz, and J. Kossut,
Physical Review B (Condensed Matter and Materials Physics) **60**, 11545 (1999).
 50. „*Heating of the spin system by nonequilibrium phonons in semimagnetic (Cd,Mn,Mg)Te quantum wells*”,
A. V. Scherbakov, A. V. Akimov, D. R. Yakovlev, W. Ossau, A. Waag, G. Landwehr, T. Wojtowicz, G. Karczewski, and J. Kossut,
Physical Review B (Condensed Matter and Materials Physics) **60**, 5609 (1999).
 51. „*Energy transfer from photocarriers into the magnetic ion system mediated by a two-dimensional electron gas in (Cd,Mn)Te/(Cd,Mg)Te quantum wells*”,
B. Konig, I. A. Merkulov, D. R. Yakovlev, W. Ossau, S. M. Ryabchenko, M. Kutrowski, T. Wojtowicz, G. Karczewski, and J. Kossut,
Physical Review B (Condensed Matter and Materials Physics) **61**, 16870 (2000).
 52. „*Magneto-optical evidence of many-body effects in a spin-polarized two-dimensional electron gas*”,
A. Lemaitre, C. Testelin, C. Rigaux, T. Wojtowicz, and G. Karczewski,
Physical Review B (Condensed Matter and Materials Physics) **62**, 5059 (2000).
 53. „*Spin-lattice relaxation in semimagnetic CdMnTe/CdMgTe quantum wells*”,
A. V. Scherbakov, A. V. Akimov, D. R. Yakovlev, W. Ossau, G. Landwehr, T. Wojtowicz, G. Karczewski,
and J. Kossut,
Physical Review B (Condensed Matter and Materials Physics) **62**, R10641 (2000).
 54. „*Radiative behavior of negatively charged excitons in CdTe-based quantum wells: A spectral and temporal analysis*”,
V. Ciulin, P. Kossacki, S. Haacke, J. D. Ganiere, B. Deveaud, A. Esser, M. Kutrowski, and T. Wojtowicz,
Physical Review B (Condensed Matter and Materials Physics) **62**, R16310 (2000).

55. „Elementary excitations in modulation-doped Cd(Mn)Te quantum wells”,
B. Jusserand, G. Karczewski, G. Cywinski, T. Wojtowicz, A. Lemaître, C. Testelin, and C. Rigaux,
Physical Review B (Condensed Matter and Materials Physics) **63**, 161302/1 (2001).
56. „Circular polarization of excitonic luminescence in CdTe quantum wells with excess electrons of different densities”,
C. Y. Hu, W. Ossau, P. H. Tan, T. Wojtowicz, G. Karczewski, and J. Kossut,
Physical Review B (Condensed Matter and Materials Physics) **63**, 045313/1 (2001).
57. „Faraday rotation in a study of charged excitons in Cd_{1-x}Mn_xTe”,
W. Maslana, W. Mac, J. A. Gaj, P. Kossacki, A. Golnik, J. Cibert, S. Tatarenko, T. Wojtowicz, G. Karczewski, and J. Kossut,
Physical Review B (Condensed Matter and Materials Physics) **63**, 165318/1 (2001).
58. „Electron and hole spin relaxation in modulation-doped CdMnTe quantum wells”,
C. Camilleri, F. Teppe, D. Scalbert, Y. G. Semenov, M. Nawrocki, M. Dyakonov, J. Cibert, S. Tatarenko, and T. Wojtowicz,
Physical Review B (Condensed Matter and Materials Physics) **64**, 085331/1 (2001).
59. „Interface profiles and in-plane anisotropy in common anion type-I Cd_{1-x}Mg_xTe/CdTe/Cd_{1-x}Mn_xTe heterostructures studied by reflectivity”,
A. Kudelski, A. Golnik, J. A. Gaj, F. V. Kyrychenko, G. Karczewski, T. Wojtowicz, Y. Semenov, O. Krebs, and P. Voisin,
Physical Review B (Condensed Matter and Materials Physics) **64**, 045312/1 (2001).
60. „Acceleration of the spin-lattice relaxation in diluted magnetic quantum wells in the presence of a two-dimensional electron gas”,
A. V. Scherbakov, D. R. Yakovlev, A. V. Akimov, I. A. Merkulov, B. König, W. Ossau, L. W. Molenkamp, T. Wojtowicz, G. Karczewski, G. Cywinski, and J. Kossut,
Physical Review B (Condensed Matter and Materials Physics) **64**, 155205/1 (2001).
61. „Effect of the location of Mn sites in ferromagnetic GaMnAs on its Curie temperature”,
K. M. Yu, W. Walukiewicz, T. Wojtowicz, I. Kuryliszyn, X. Liu, Y. Sasaki, and J. K. Furdyna,
Physical Review B (Condensed Matter and Materials Physics) **65**, 201303(R) (2002).
62. „Optical method for the determination of carrier density in modulation-doped quantum wells”,
G. V. Astakhov, V. P. Kochereshko, D. R. Yakovlev, W. Ossau, J. Nurnberger, W. Faschinger, G. Landwehr, T. Wojtowicz, G. Karczewski, and J. Kossut,
Physical Review B (Condensed Matter and Materials Physics) **65**, 115310/1 (2002).
63. „Dynamical equilibrium between excitons and trions in CdTe quantum wells in high magnetic fields”,
C.-R. L. P. N. Jeukens, P.-C. M. Christianen, J. C. Maan, D. R. Yakovlev, W. Ossau, V. P. Kochereshko, T. Wojtowicz, G. Karczewski, and J. Kossut,
Physical Review B (Condensed Matter and Materials Physics) **66**, 235318 (2002).
64. „Spin wave measurements on MBE-grown zinc blende structure MnTe by inelastic neutron scattering”,
B. Hennion, W. Szuszkiewicz, E. Dynowska, E. Janik, and T. Wojtowicz,
Physical Review B (Condensed Matter and Materials Physics) **66**, 224426 (2002).
65. „Diffusion, localization, and dephasing of trions and excitons in CdTe quantum wells”,
M. T. Portella-Oberli, V. Ciulin, S. Haacke, J. Ganiere, P. Kossacki, M. Kutrowski, T. Wojtowicz, and B. Deveaud,
Physical Review B (Condensed Matter and Materials Physics) **66**, 155305 (2002).

66. „*Optically induced instability of spin precession in magnetic quantum wells*”,
F. Teppe, M. Vladimirova, D. Scalbert, T. Wojtowicz, and J. Kossut,
Physical Review B (Condensed Matter and Materials Physics) **67**, 33304 (2003).
67. „*Spin-flip Raman scattering in semi-magnetic quantum wells with in-plane anisotropy: analysis of the intermediate states*”,
A. V. Koudinov, Y. Kusrayev, B. P. Zakharchenya, D. Wolverson, J. J. Davies, T. Wojtowicz, G. Karczewski, and J. Kossut,
Physical Review B (Condensed Matter and Materials Physics) **67**, 115304 (2003).
68. „*Curie temperature limit in ferromagnetic $Ga(1-x)Mn(x)As$* ”,
K. M. Yu, W. Walukiewicz, T. Wojtowicz, W. L. Lim, X. Liu, U. Bindley, M. Dobrowolska, and J. K. Furdyna,
Physical Review B (Condensed Matter and Materials Physics) **68**, 41308 (2003).
69. „*Interacting many-body systems in quantum wells: evidence for exciton-trion-electron correlations*”,
M. T. Portella-Oberli, V. Ciulin, J. H. Berney, B. Deveaud, M. Kutrowski, and T. Wojtowicz,
Physical Review B (Condensed Matter and Materials Physics) **69**, 235311 (2004).
70. „*High-temperature Hall effect in $Ga_{1-x}Mn_xAs$* ”,
D. Ruznetov, J. Scherschligt, D. V. Baxter, T. Wojtowicz, X. Liu, Y. Sasaki, J. K. Furdyna, K. M. Yu, and W. Walukiewicz,
Physical Review B (Condensed Matter and Materials Physics) **69**, 155207 (2004).
71. „*Annealing-dependent magnetic depth profile in $Ga_{1-x}Mn_xAs$* ”,
B. J. Kirby, J. A. Borchers, J. J. Rhyne, S. G. E. Velthuis, A. Hoffmann, K. V. O'Donovan, T. Wojtowicz, X. Liu, W. L. Lim, and J. K. Furdyna,
Physical Review B (Condensed Matter and Materials Physics) **69**, 81307 (2004).
72. „*Ferromagnetic resonance study of the free-hole contribution to magnetization and magnetic anisotropy in modulation-doped $Ga_{1-x}Mn_xAs/Ga_{1-y}Al_yAs:Be$* ”,
X. Liu, W. L. Lim, M. Dobrowolska, J. K. Furdyna, and T. Wojtowicz,
Physical Review B (Condensed Matter and Materials Physics) **71**, 35307 (2005).
73. “*Definitive observation of the dark triplet ground state of charged excitons in high magnetic fields*”,
G. V. Astakhov, D. R. Yakovlev, V. V. Rudenkov, P. C. M. Christianen, T. Barrick,
S. A. Crooker, A. B. Dzyubenko, W. Ossau, J. C. Maan, G. Karczewski, and T. Wojtowicz,
Physical Review B (Condensed Matter and Materials Physics) **71**, 201312 (2005).
74. “*Competition between cubic and uniaxial anisotropy in $G_{1-x}Mn_xAs$ in the low-Mn-concentration limit*”,
V. Titova, M. Kutrowski, X. Liu, R. Chakarvorty, W. L. Lim, T. Wojtowicz, J. K. Furdyna, and M. Dobrowolska,
Physical Review B (Condensed Matter and Materials Physics) **72**, 165205 (2005).
75. “*Zero- and one-dimensional magnetic traps for quasiparticles in diluted magnetic semiconductors*”,
P. Redliński, T. Wojtowicz, T. G. Rappoport, A. Libál, J. K. Furdyna, and B. Janko,
Physical Review B (Condensed Matter and Materials Physics) **72**, 085209 (2005).
76. “*Andreev reflection and pair-breaking effects at the superconductor/magnetic semiconductor interface*”,
R. P. Panguluri, K. C. Ku, T. Wojtowicz, X. Liu, J. K. Furdyna, Y. B. Lyanda-Geller,
N. Samarth, and B. Nadgorny,
Physical Review B (Condensed Matter and Materials Physics) **72**, 054510 (2005).

77. „Optical properties of $Cd_{1-x}Mn_xTe$ quantum wells across the Mott transition: An interband spectroscopy study”,
F. J. Teran, Y. Chen, M. Potemski, T. Wojtowicz, and G. Karczewski,
Physical Review B (Condensed Matter and Materials Physics) **73**, 115336 (2006).
78. „Optical spin pumping of modulation-doped electrons probed by a two-color Kerr rotation technique”,
H. Hoffmann, G. V. Astakhov, T. Kiessling, W. Ossau, G. Karczewski, T. Wojtowicz, J. Kossut, and
L. W. Molenkamp,
Physical Review B (Condensed Matter and Materials Physics) **74**, 073407 (2006).
79. „Magnetic and chemical nonuniformity in $Ga_{1-x}Mn_xAs$ films as probed by polarized neutron and x-ray reflectometry”,
B. J. Kirby, J. A. Borchers, J. J. Rhyne, K. V. O'Donovan, S. G. E. te Velthuis, S. Roy, C. Sanchez-Hanke,
and T. Wojtowicz,
Physical Review B (Condensed Matter and Materials Physics) **74**, 245304, (2006).
80. „Linear polarization of the photoluminescence of quantum wells subject to in-plane magnetic fields”,
A. V. Koudinov, N. S. Averkiev, Yu. G. Kusrayev, B. R. Namozov, B. P. Zakharchenya, D. Wolverson,
J. J. Davies, T. Wojtowicz, G. Karczewski, and J. Kossut,
Physical Review B (Condensed Matter and Materials Physics) **74**, 195338 (2006).
81. „Magnetic-field-induced second-harmonic generation in the diluted magnetic semiconductors $Cd_{1-x}Mn_xTe$ ”,
I. Sanger, B. Kamiński, D. R. Yakovlev, R. V. Pisraev, M. Bayer, G. Karczewski, T. Wojtowicz,
and J. Kossut,
Physical Review B (Condensed Matter and Materials Physics) **74**, 235217 (2006).
82. „Electron spin polarization through interactions between excitons, trions, and the two-dimensional electron gas”,
Z. Chen, R. Bratschitsch, S. G. Carter, S. T. Cundif, D. R. Yakovlev, G. Karczewski, T. Wojtowicz,
and J. Kossut,
Physical Review B (Condensed Matter and Materials Physics) **75**, 115320 (2007).
83. „Intermediate phase at the metal-insulator boundary in a magnetically doped two-dimensional electron system”,
J. Jaroszyński, T. Andrearczyk, G. Karczewski, J. Wróbel, T. Wojtowicz, D. Popović, and T. Dietl, Physical
Review B (Condensed Matter and Materials Physics) **76**, 045322 (2007).
84. „Spin coherence of a two-dimensional electron gas induced by resonant excitation of trions and excitons in $CdTe/(Cd,Mg)Te$ quantum wells”,
E. A. Zhukov, D. R. Yakovlev, M. Bayer, M. M. Glazov, E. L. Ivchenko, G. Karczewski,
T. Wojtowicz, and J. Kossut,
Physical Review B (Condensed Matter and Materials Physics) **76**, 205310 (2007).
85. „Dependence of multiple Mn^{2+} spin-flip Raman scattering in quantum wells on the magnetic field direction”,
L. C. Smith, J. J. Davies, D. Wolverson, M. Lentze, J. Geurts, T. Wojtowicz, and G. Karczewski,
Physical Review B (Condensed Matter and Materials Physics) **77**, 115341 (2008).
86. „Nanoscale spin polarization in the dilute magnetic semiconductor $(In,Mn)Sb$ ”,
A. Geresdi, A. Halbritter, M. Csontos, S. Csonka, G. Mihaly, T. Wojtowicz, X. Liu, B. Janko, and J. K.
Furdyna,
Physical Review B (Condensed Matter and Materials Physics) **77**, 233304 (2008).

87. „*Formation of Mn-derived impurity band in III-Mn-V alloys by valence band anticrossing*”,
K. Alberi, K. M. Yu, P. R. Stone, O. D. Dubon, W. Walukiewicz, T. Wojtowicz, X. Liu, and J. K. Furdyna,
Physical Review B (Condensed Matter and Materials Physics) **78**, 075201 (2008).
88. „*Motion-dependent magnetic properties of excitons in CdTe*”,
L. C. Smith, J. J. Davies, D. Wolverson, S. Crampin, R. T. Cox, J. Cibert, H. Mariette, V. P. Kochereshko,
M. Wiater, G. Karczewski, and T. Wojtowicz,
Physical Review B (Condensed Matter and Materials Physics) **78**, 085204 (2008).
89. „*Mapping of quantum well eigenstates with semimagnetic probes*”,
L. Kłopotowski, A. Gruszczynska, E. Janik, M. Wiater, P. Kossacki, G. Karczewski, and T. Wojtowicz,
Physical Review B (Condensed Matter and Materials Physics) **77**, 235312 (2008).
90. „*Spin coherence of holes and electrons in undoped CdTe/(Cd,Mg)Te quantum wells*”,
E. A. Zhukov, D. R. Yakovlev, M. Gerbracht, G. V. Mikhailov, G. Karczewski, T. Wojtowicz, J. Kossut,
and M. Bayer,
Physical Review B (Condensed Matter and Materials Physics) **79**, 155318 (2009).
91. „*Second hidden triplet-singlet crossover of charged excitons in n-doped (Cd,Mn)Te/(Cd,Mg)Te in ultra-high magnetic fields*”,
Y. Hirayama, E. Kojima, S. Takeyama, G. Karczewski, T. Wojtowicz, and J. Kossut,
Physical Review B (Condensed Matter and Materials Physics) **79**, 125327 (2009).
92. „*Giant modulation of resonance Raman scattering from (Cd,Mn)Te quantum wells by secondary illumination*”,
A. V. Koudinov, Yu. G. Kusrayev, D. Wolverson, L. C. Smith, J. J. Davies, G. Karczewski, and T.
Wojtowicz,
Physical Review B (Condensed Matter and Materials Physics) **79**, 241310 (R), (2009).
93. „*High-resolution spin – flip Raman scattering in CdTe quantum wells at ³He temperature*”,
R. Shen, K. Oto, K. Muro, G. Karczewski, T. Wojtowicz, J. Kossut, and S. Takeyama,
Physical Review B (Condensed Matter and Materials Physics) **80**, 125312, (2009).
94. “*Origin of resonance structures in magneto-optical spectra of InSb and In_{1-x}Mn_xSb*”,
C. Thurn, V. M. Axt, A. Winter, H. Pascher, H. Krenn, X. Liu, J. K. Furdyna, and T. Wojtowicz,
Physical Review B (Condensed Matter and Materials Physics) **80**, 195210, (2009).
95. “*Photoinduced magneto-optical Kerr effect and ultrafast spin dynamics in CdTe/CdMgTe quantum wells during excitation by shaped laser pulses*”,
J. H. Versluis, A. V. Kimel, V. N. Gridnev, D. R. Yakovlev, G. Karczewski, T. Wojtowicz, J. Kossut, A.
Kirilyuk, and Th. Rasing,
Physical Review B (Condensed Matter and Materials Physics) **80**, 235326 (2009).
96. „*Observation of the magnetic soft mode in (Cd,Mn)_xTe quantum wells using spin-flip Raman scattering*“,
C. Kehl, G. V. Astakhov, K. V. Kavokin, Yu. G. Kusrayev, W. Ossau, G. Karczewski, T. Wojtowicz and J.
Geurts,
Physical Review B (Condensed Matter and Materials Physics) **80**, 214203 (2009).
97. „*Intrinsic damping of spin waves by spin current in conducting two-dimensional systems*”,
J. Gomez, F. Perez, E. M. Hankiewicz, B. Jusserand, G. Karczewski, and T. Wojtowicz,
Physical Review B (Condensed Matter and Materials Physics) **81**, 100403 (2010).
98. *Optical control of electron spin coherence in CdTe/(Cd,Mg)Te quantum wells*”,
E. A. Zhukov, D. R. Yakovlev, M. M. Glazov, L. Fokina, G. Karczewski, T. Wojtowicz, J. Kossut,

- and M. Bayer,
Physical Review B (Condensed Matter and Materials Physics) **81**, 235320 (2010).
99. „*Enhancement of the spin gap in fully occupied two-dimensional Landau levels*”,
J. Kunc, K. Kowalik, F. J. Teran, P. Plochocka, B. A. Piot, D. K. Maude, M. Potemski, V. Kolkovsky,
G. Karczewski, and T. Wojtowicz,
Physical Review B (Condensed Matter and Materials Physics) **82**, 115438 (2010).
 100. „*Spin diffusion in the Mn²⁺ ion system of II-VI diluted magnetic semiconductor heterostructures*”,
A. A. Maksimov, D. R. Yakovlev, J. Debus, I. I. Tartakovskii, A. Waag, G. Karczewski, T. Wojtowicz,
J. Kossut, and M. Bayer,
Physical Review B (Condensed Matter and Materials Physics) **82**, 035211 (2010).
 101. „*Fractional quantum hall effect in CdTe*”,
B. A. Piot, J. Kunc, M. Potemski, D. K. Maude, C. Betthausen, A. Vogl, D. Weiss, G. Karczewski,
and T. Wojtowicz,
Physical Review B (Condensed Matter and Materials Physics) **82**, 081307 (2010).
 102. „*Quantum Hall states under conditions of vanishing Zeeman energy*”,
F. J. Teran, M. Potemski, D. K. Maude, T. Andrearczyk, J. Jaroszynski, T. Wojtowicz, and G. Karczewski,
Physical Review B (Condensed Matter and Materials Physics) **82**, 245120 (2010).
 103. „*Stark spectroscopy and radiative lifetimes in single self-assembled CdTe quantum dots*”,
L. Klopotowski, V. Voliotis, A. Kudelski, A. I. Tartakovskii, P. Wojnar, K. Fronc, R. Grousson, O. Krebs,
M. S. Skolnick, G. Karczewski, and T. Wojtowicz,
Physical Review B (Condensed Matter and Materials Physics) **83**, 155319 (2011).
 104. „*Magnetic polaron formation and exciton spin relaxation in single Cd_{1-x}Mn_xTe quantum dots*”,
L. Klopotowski, L. Cywinski, P. Wojnar, V. Voliotis, K. Fronc, T. Kazimierzuk, A. Golnik, M. Ravaro, R.
Grousson, G. Karczewski, and T. Wojtowicz,
Physical Review B (Condensed Matter and Materials Physics) **83**, 081306 (2011).
 105. „*Plasmon mechanism of the trion emission band broadening in quantum wells*”,
A. A. Klochikhin, V. P. Kochereshko, L. Besombes, G. Karczewski, T. Wojtowicz, and J. Kossut,
Physical Review B (Condensed Matter and Materials Physics) **83**, (2011).
 106. „*Positively versus negatively charged excitons: A high magnetic field study of CdTe/Cd_{1-x}Mg_xTe quantum wells*”,
G. Bartsch, M. Gerbracht, D. R. Yakovlev, J. H. Blokland, P. C. M. Christianen, E. A. Zhukov, A. B.
Dzyubenko, G. Karczewski, T. Wojtowicz, J. Kossut, J. C. Maan, and M. Bayer,
Physical Review B (Condensed Matter and Materials Physics) **83**, (2011).
 107. „*Evidence for charging effects in CdTe/CdMgTe quantum point contacts*”,
M. Czapkiewicz, V. Kolkovsky, P. Nowicki, M. Wiater, T. Wojciechowski, T. Wojtowicz, J. Wróbel,
Physical Review B (Condensed Matter and Materials Physics) **86**, 165415 (2012).
 108. „*Spin-polarized electric currents in dilutedmagnetic semiconductor heterostructures induced by terahertz and microwave radiation*”,
P. Olbrich, C. Zoth, P. Lutz, C. Drexler, V. V. Bel'kov, Ya. V. Terent'ev, S. A. Tarasenko, A. N. Semenov, S. V.
Ivanov, D. R. Yakovlev, T. Wojtowicz, U. Wurstbauer, D. Schuh, and S. D. Ganichev,
Physical Review B (Condensed Matter and Materials Physics) **86**, 085310 (2012).
 109. „*Resonant spin amplification of resident electrons in CdTe/(Cd,Mg)Te quantum wells subject to tilted magnetic fields*”,

- E. A. Zhukov, O. A. Yugov, I. A. Yugova, D. R. Yakovlev, G. Karczewski, T. Wojtowicz, J. Kossut, and M. Bayer,
Physical Review B (Condensed Matter and Materials Physics) **86**, 255314 (2012).
110. „*Exchange interactions in $Cd_{1-x}Mn_xTe$ wide quantum wells*”,
C. Rice, L. C. Smith, J. J. Davies, D. Wolverson, M. Wiater, G. Karczewski, and T. Wojtowicz,
Physical Review B (Condensed Matter and Materials Physics) **86**, 155318 (2012).
111. „*Coulomb – driven organization and enhancement of spin-orbit fields in collective spin excitations*”,
F. Baboux, F. Perez, C. A. Ullrich, I. D. Amico, G. Karczewski, and T. Wojtowicz,,
Physical Review B (Condensed Matter and Materials Physics) **87**, 121303(R) (2013).
112. „*Subnanosecond magnetization dynamics induced by a pulsed magnetic field in diluted magnetic semiconductor quantum wells*”,
Y. S. Chen, M. Wiater, G. Karczewski, T. Wojtowicz, and G. Bacher,
Physical Review B (Condensed Matter and Materials Physics) **87**, 155301 (2013).
113. „*Inversion asymmetry effects in modulation-doped $Cd_{1-x}Mn_xTe$ quantum wells*”,
C. Rice, D. Wolverson, A. Moskalenko, , S. J. Bending, G. Karczewski, and T. Wojtowicz,
Physical Review B (Condensed Matter and Materials Physics) **87**, 121304(R) (2013).
114. „*Spin – flip Raman scattering of the neutral and charged excitons confined in a $CdTe/(Cd,Mg)Te$ quantum well*”,
J. Debus, D. Dunker, V. F. Sapega, D. R. Yakovlev, G. Karczewski, T. Wojtowicz, J. Kossut, and M. Bayer,
Physical Review B (Condensed Matter and Materials Physics) **87**, 205316 (2013).
115. „*Influence of exciton spin relaxation on the photoluminescence spectra of semimagnetic quantum dots*”,
Ł. Kłopotowski, Ł. Cywiński, M. Szymura, V. Voliotis, R. Grousson, P. Wojnar, K. Fronc, T. Kazimierzuk,
A. Golnik, G. Karczewski, and T. Wojtowicz,
Physical Review B (Condensed Matter and Materials Physics) **87**, 245316 (2013).
116. „*Electron spin dephasing in Mn-based II-VI diluted magnetic semiconductors*”
Z. Ben Cheikh, S. Cronenberger, M. Vladimirova, D. Scalbert, F. Perez, T. Wojtowicz,
Physical Review B (Condensed Matter and Materials Physics) **88**, 201306-1-4 (2013).
117. „*Influence of exciton spin relaxation on the photoluminescence spectra of semimagnetic quantum dots*”
Ł. Kłopotowski., Ł. Cywiński, M. Szymura, V. Voliotis, R. Grousson, P. Wojnar, K. Fronc, T.
Kazimierzuk., A. Golnik, G. Karczewski, T. Wojtowicz,
Physical Review B (Condensed Matter and Materials Physics) **87**, 245316-1-12, (2013).
118. „*Fractional quantum Hall effect in a dilute magnetic semiconductor*”
C. Betthausen, P. Giudici, A. Iankilevitc, C. Preis, V. Kolkovskiy, M. Wiater., G. Karczewski, B.A. Piot, J.
Kunc, M. Potemski, T. Wojtowicz, D. Weiss,
Physical Review B (Condensed Matter and Materials Physics) **90**, 115302-1-4 (2014).
119. „*All-optical NMR in semiconductors provided by resonant cooling of nuclear spins interacting with electrons in the resonant spin amplification regime*”,
E.A. Zhukov, A. Grelich, D.R. Yakovlev, A.V. Kavokin, I.A. Yugova, O.A. Yugov, D. Suter, G.
Karczewski, T. Wojtowicz, J. Kossut, V.V. Petrov, Y.K. Dolgikh, A. Pawlis, M. Bayer,
Physical Review B (Condensed Matter and Materials Physics) **90**, 085311-1-11, (2014).

120. „*Magnetoresistance quantum oscillations in a magnetic two-dimensional electron gas*”
J. Kunc, B.A. Piot., D.K. Maude., M. Potemski., R. Grill, C. Betthausen, D. Weiss, V. Kolkovsky, G. Karczewski, T. Wojtowicz,
Physical Review B (Condensed Matter and Materials Physics) **92**, 085304, (2015).
121. „*Magnetoplasmons in high electron mobility CdTe/CdMgTe quantum wells*”
I.Grigelionis, K. Nogajewski, G. Karczewski, T. Wojtowicz, M. Czapkiewicz, J. Wróbel, H. Boukari, H. Mariette, J. Łusakowski,
Physical Review B (Condensed Matter and Materials Physics) **91**, 075424 (2015).
122. „*Optical signatures of spin-dependent coupling in semimagnetic quantum dot molecules*”
Ł. Kłopotowski, P. Wojnar, Ł. Cywiński, T. Jakubczyk, M. Goryca, K. Fronc, T. Wojtowicz, G. Karczewski,
Physical Review B (Condensed Matter and Materials Physics) **92**, 075303 (2015).
123. „*Electron density magnification of the collective spin-orbit field in quantum wells*”
F. Baboux, F. Perez, C.A. Ullrich, G. Karczewski, T. Wojtowicz
Physical Review B (Condensed Matter and Materials Physics) **92**, 125307 (2015).
124. „*Terahertz dynamics of lattice vibrations in Au/CdTe plasmonic crystals: Photoinduced segregation of Te and enhancement of optical response*”,
L.E. Kreilkamp, I.A. Akimov, V.I. Belotelov, B.A. Glavin, L.V. Litvin, A. Rudzinski, M. Kahl, R. Jede, M. Wiater, T. Wojtowicz, G. Karczewski, D.R. Yakovlev, M. Bayer, ",
Physical Review B (Condensed Matter and Materials Physics) **93**, 125404 (2016).
125. „*Exciton and carrier dynamics in ZnTe-Zn_{1-x}Mg_xTe core-shell nanowires*”,
M. Szymura, Ł. Kłopotowski, A.A. Mitioğlu, P. Wojnar, G. Karczewski, T. Wojtowicz, D.K. Maude, P. Płochocka, J. Kossut,
Physical Review B (Condensed Matter and Materials Physics) **93**, 155429 (2016).
126. „*Optical orientation of hole magnetic polarons in (Cd,Mn)Te/(Cd,Mn,Mg)Te quantum wells*”,
E.A. Zhukov, Y. Kusrayev, K.V. Kavokin, D.R. Yakovlev, J. Debus, A. Schwan, I.A. Akimov, G. Karczewski, T. Wojtowicz, J. Kossut, M. Bayer,
Physical Review B (Condensed Matter and Materials Physics) **93**, 245305 (2016).
127. „*Electrostatic control of quantum Hall ferromagnetic transition: A step toward reconfigurable network of helical channels*”,
A. Kazakov, G. Simion, Y. Lyanda-Geller, V. Kolkovsky, Z. Adamus, G. Karczewski, T. Wojtowicz, L.P. Rokhinson,
Physical Review B (Condensed Matter and Materials Physics) **94**, 075309 (2016).

Nanotechnology (IF₂₀₁₆=3.573):

128. „*Catalytic growth of ZnTe nanowires by molecular beam epitaxy: structural studies*”,
E. Janik, P. Dłużewski, S. Kret, A. Presz, H. Kirmse, W. Neumann, W. Zaleszczyk, L. T. Baczewski, A. Petrouchik, E. Dynowska, J. Sadowski, W. Caliebe, G. Karczewski, and T. Wojtowicz,
Nanotechnology **18**, 475606 (2007).
129. „*Zn_{1-x}Mg_xTe nanowires grown by solid source molecular beam epitaxy*”,
E. Janik, E. Dynowska, P. Dłużewski, S. Kret, A. Presz, W. Zaleszczyk, W. Szuszkiewicz, J. F. Morhange, A. Petrouchik, S. Mackowski, and T. Wojtowicz,
Nanotechnology **19**, 365606 (2008).

130. „*ZnTe-ZnO core-shell radial heterostructures grown by the combination of molecular beam epitaxy and atomic layer deposition*”,
E. Janik, A. Wachnicka, E. Guziewicz, M. Godlewski, S. Kret, W. Zaleszczyk, E. Dynowska, A. Presz, G. Karczewski, and T. Wojtowicz,
Nanotechnology **21**, 015302 (2010).
131. „*Activation of an intense near band edge emission from ZnTe/ZnMgTe core/shell nanowires grown on silicon*”,
P. Wojnar, M. Szymura, W. Zaleszczyk, Ł. Kłopotowski, E. Janik, M. Wiater, L. Baczewski, S. Kret, G. Karczewski, J. Kossut, T. Wojtowicz,
Nanotechnology **24**, 3652011 (2013).
132. „*Nanoscale morphology of multilayer PbTe/CdTe heterostructures and its effect on photoluminescence properties*”,
G. Karczewski, M. Szot, S. Kret, L. Kowalczyk, S. Chusnutdinow. T. Wojtowicz, S. Schreyeck, K. Bruner, C. Schumacher, L.W. Molenkamp,
Nanotechnology **26**, 135601 (2015).
133. „*Growth and optical investigations of high quality individual CdTe/(Cd,Mg)Te core/shell nanowires*”,
P. Wojnar, J. Plachta, S. Kret, A. Kaleta, W. Zaleszczyk, M. Szymura, M. Wiater, L.T. Baczewski, A. Pietruczik, G. Karczewski,
Nanotechnology **28**, 045207 (2017).
134. „*Room temperature sputter deposited catalyst-free nanowires with wurtzite/zinc blende ZnO superstructure and their application in electromechanical nanogenerators on polymer and paper substrates*”,
M.A. Borysiewicz, M. Gryglas-Borysiewicz, M. Masłyk, T. Wojciechowski, M. Wzorek, J. Kaczmarek, T. Wojtowicz, and E Kamińska,
Nanotechnology **28**, 085204 (2017).

Applied Physics Letters (IF₂₀₁₆=3.142):

135. „*Higher order electron cyclotron resonances in n-type HgTe-CdTe superlattices*”,
M. Dobrowolska, T. Wojtowicz, J. K. Furdyna, J. R. Meyer, R. D. Feldman, R. F. Austin, and L. R. Ram-Mohan,
Applied Physics Letters **57**, 1781 (1990).
136. „*Parabolic quantum wells of diluted magnetic semiconductor Cd_{1-x}Mn_xTe*”,
T. Wojtowicz, M. Kutrowski, M. Surma, K. Kopalko, G. Karczewski, J. Kossut, M. Godlewski, P. Kossacki, and N. T. Khoi ,
Applied Physics Letters **68**, 3326 (1996).
137. „*Zinc-blende MnTe(111) on BaF₂(111) substrates for optical measurements*”,
E. Janik, E. Dynowska, M. J. Bak, J. Domagała, M. Kutrowski, T. Wojtowicz, and A. Stachow,
Applied Physics Letters **68**, 3796 (1996).
138. „*Comparison of morphology of CdTe/CdMnTe interfaces in heterostructures grown by molecular beam epitaxy in a standard and atomic layer modes*”,
M. Godlewski, T. Wojtowicz, G. Karczewski, J. Kossut, J. P. Bergman, and B. Monemar,
Applied Physics Letters **72**, 1104 (1998).
139. „*Channels of Cd diffusion and stoichiometry in CdTe grown by molecular beam epitaxy*”,
A. Barcz, G. Karczewski, T. Wojtowicz, M. Sadlo, and J. Kossut,
Applied Physics Letters **72**, 206 (1998).

140. „*Modulation-doped Cd_{1-x}Mn_xTe/Cd_{1-y}Mg_yTe quantum well structures with spatial in-plane profiling of the well width and the doping intensity*”,
T. Wojtowicz, M. Kutrowski, G. Karczewski, and J. Kossut,
Applied Physics Letters **73**, 1379 (1998).
141. „*Photoluminescence study of CdTe/ZnTe self-assembled quantum dots*”,
G. Karczewski, S. Mackowski, M. Kutrowski, T. Wojtowicz, and J. Kossut,
Applied Physics Letters **74**, 3011 (1999).
142. „*Phonon spectrometry with a bolometer based on spin-lattice relaxation*”,
A. M. Witowski, H. P. Moll, M. L. Sadowski, P. Wyder, G. Karczewski, J. Kossut, and T. Wojtowicz,
Applied Physics Letters **76**, 1749 (2000).
143. „*Cathodoluminescence study of diluted magnetic semiconductor quantum well/micromagnet hybrid structures*”,
J. Kossut, I. Yamakawa, A. Nakamura, G. Cywinski, K. Fronc, M. Czczcott, J. Wrobel, F. Kyrychenko, T. Wojtowicz, and S. Takeyama,
Applied Physics Letters **79**, 1789 (2001).
144. „*Experimental measurement of microwave-induced electron spin-flip time*”,
C. Y. Hu, P. H. Tan, W. Ossau, T. Wojtowicz, G. Karczewski, and J. Kossut,
Applied Physics Letters **78**, 204 (2001).
145. „*Structural and optical evidence of island correlation in CdTe/ZnTe superlattices*”,
S. Mackowski, G. Karczewski, T. Wojtowicz, J. Kossut, S. Kret, A. Szczepanska, P. Dluzewski, G. Prechtl, and W. Heiss,
Applied Physics Letters **78**, 3884 (2001).
146. „*Above-room-temperature ferromagnetism in GaSb/Mn digital alloys*”,
X. Chen, M. Na, M. Cheon, S. Wang, H. Luo, B. D. McCombe, X. Liu, Y. Sasaki, T. Wojtowicz, J. K. Furdyna, S. J. Potashnik, and P. Schiffer,
Applied Physics Letters **81**, 511 (2002).
147. „*Determination of free hole concentration in ferromagnetic Ga(1-x)Mn(x)As using electrochemical capacitance-voltage profiling*”,
K. M. Yu, W. Walukiewicz, T. Wojtowicz, W. L. Lim, X. Liu, Y. Sasaki, M. Dobrowolska, and J. K. Furdyna,
Applied Physics Letters **81**, 844 (2002).
148. „*Excitonic luminescence from nonsymmetric heterovalent AlAs/GaAs/ZnSe quantum wells*”,
A. Kudelski, U. Bindley, J. K. Furdyna, M. Dobrowolska, and T. Wojtowicz,
Applied Physics Letters **82**, 1854 (2003).
149. „*In(1-x)Mn(x)Sb narrow-gap ferromagnetic semiconductor*”,
T. Wojtowicz, G. Cywinski, W. L. Lim, X. Liu, M. Dobrowolska, J. K. Furdyna, K. M. Yu, W. Walukiewicz, G. B. Kim, M. Cheon, X. Chen, S. M. Wang, and H. Luo,
Applied Physics Letters **82**, 4310 (2003).
150. „*Enhancement of Curie temperature in Ga(1-x)Mn(x)As/Ga(1-y)Al(y)As ferromagnetic heterostructures by modulation doping*”,
T. Wojtowicz, W. L. Lim, X. Liu, M. Dobrowolska, J. K. Furdyna, K. M. Yu, W. Walukiewicz, I. Vurgaftman, and J. R. Meyer,
Applied Physics Letters **83**, 4220 (2003).

151. „*Measurement of spin polarization by Andreev reflection in ferromagnetic $In_{1-x}Mn_xSb$ epilayers*”,
R. P. Panguluri, B. Nadgorny, T. Wojtowicz, W. L. Lim, X. Liu, and J. K. Furdyna,
Applied Physics Letters **84**, 4947 (2004).
152. „*Direct evidence of the Fermi-energy-dependent formation of Mn interstitials in modulation-doped $Ga_{1-y}Al_yAs/Ga_{1-x}Mn_xAs/Ga_{1-y}Al_yAs$ heterostructures*”,
K. M. Yu, W. Walukiewicz, T. Wojtowicz, W. L. Lim, X. Liu, M. Dobrowolska, and J. K. Furdyna,
Applied Physics Letters **84**, 4325 (2004).
153. „*Uniaxial in-plane magnetic anisotropy of $Ga_{1-x}Mn_xAs$* ”,
U. Welp, V. K. Vlasko-Vlasov, A. Menzel, H. D. You, X. Liu, J. K. Furdyna, and T. Wojtowicz,
Applied Physics Letters **85**, 260 (2004).
154. „*Strain-engineered ferromagnetic $In_{1-x}Mn_xAs$ films with in-plane easy axis*”,
X. Liu, W. L. Lim, Z. Ge, S. Shen, M. Dobrowolska, J. K. Furdyna, T. Wojtowicz, K. M. Yu, and W.
Walukiewicz,
Applied Physics Letters **86**, 112512 (2005).
155. „*Optical response of a ferromagnetic-diluted magnetic semiconductor hybrid structure*”,
P. Redlinski, T. G. Rappoport, A. Libal, J. K. Furdyna, B. Janko, and T. Wojtowicz,
Applied Physics Letters **86**, 113103 (2005).
156. „*Effect of film thickness on the incorporation of Mn interstitials in $Ga_{1-x}Mn_xAs$* ”,
K. M. Yu, W. Walukiewicz, T. Wojtowicz, J. Denlinger, M. A. Scarpulla, X. Liu, and J. K. Furdyna,
Applied Physics Letters **86**, 42102 (2005).
157. „*Effects of capping on the $Ga_{1-x}Mn_xAs$ magnetic depth profile*”,
B. J. Kirby, J. A. Borchers, J. J. Rhyne, K. V. O'Donovan, T. Wojtowicz, X. Liu, Z. Ge, S. Shen, and J. K.
Furdyna,
Applied Physics Letters **86**, 72506 (2005).
158. „*Engineering of spin-lattice relaxation dynamics by digital growth of diluted magnetic semiconductor
 $CdMnTe$* ”,
M. K. Kneip, D. R. Yakovlev, M. Bayer, G. Karczewski, T. Wojtowicz, and J. Kossut,
Applied Physics Letters **88**, 152105 (2006).
159. „*Electron spin coherence in n-doped $CdTe/CdMgTe$ quantum wells*”,
R. Bratschitsch, Z. Chen, S. T. Cundiff, E. A. Zhukov, D. R. Yakovlev, M. Bayer,
G. Karczewski, T. Wojtowicz, and J. Kossut,
Applied Physics Letters **89**, 221113 (2006).
160. „*ZnTe nanowires grown on $GaAs(100)$ substrates by molecular beam epitaxy*”,
E. Janik, J. Sadowski, P. Dłużewski, S. Kret, L. T. Baczewski, A. Petrouchik, E. Łusakowska, J. Wróbel, W.
Zaleszczyk, G. Karczewski, T. Wojtowicz, and A. Presz,
Applied Physics Letters **89**, 133114 (2006).
161. „*Relaxation of photoinduced spins and carriers in ferromagnetic $InMnSb$ films*”,
K. Nontapot, R. N. Kini, A. Gifford, T. R. Merritt, G. A. Khodaparast, T. Wojtowicz, X. Liu and J. K.
Furdyna,
Applied Physics Letters **90**, 143109 (2007).
162. „*Common origin of ferromagnetism and band edge Zeeman splitting in $GaMnAs$ at low Mn
concentrations*”,
R. Chakarvorty, S. Shen, K. Yee, T. Wojtowicz, R. Jakiela, A. Barcz, X. Liu, J. K. Furdyna, and M.

- Dobrowolska,
Applied Physics Letters **91**, 171118 (2007).
163. „*Inelastic scattering and spin polarization in dilute magnetic semiconductor (Ga,Mn)Sb*”,
R. P. Panguluri, B. Nadgorny, T. Wojtowicz, X. Liu, and J. K. Furdyna,
Applied Physics Letters **91**, 252502 (2007).
 164. „*Size control and midinfrared emission of epitaxial PbTe/CdTe quantum dot precipitates grown by molecular beam epitaxy*”,
H. Groiss, E. Kaufmann, G. Springholz, T. Schwarzl, G. Hesser, K. Koike, T. Itakura, T. Hotei, M. Yano,
and T. Wojtowicz,
Applied Physics Letters **91**, 222106 (2007).
 165. “*Time resolved magneto-optical studies of ferromagnetic InMnSb films*”,
M. Frazier, R. N. Kini, K. Nontapot, G. A. Khodaparast, T. Wojtowicz, X. Liu, and J. K. Furdyna,
Applied Physics Letters **92**, 061911 (2008).
 166. “*Magnetoresistance near the ferromagnetic-paramagnetic phase transition in magnetic semiconductors*”,
B. Brodowska, I. Kuryliszyn-Kudelska, T. Wojtowicz, M. Arciszewska, W. Dobrowolski, E. I. Slynko, V. E.
Slynko, X. Liu, and J. K. Furdyna,
Applied Physics Letters **93**, 042113 (2008).
 167. “*Local control of spin polarization in semiconductor by microscale current loops*”
Y. S. Chen, S. Halm, E. Neshataeva, T. Kümmell, G. Bacher, M. Wiater, T. Wojtowicz, and
G. Karczewski,
Applied Physics Letters **93**, 141902 (2008).
 168. „*Large acoustic impedance mismatch in CdTe/MgTe nanodevices*”,
B. Jusserand, R. Ghasemi, E. Dynowska, M. Wiater, G. Karczewski, and T. Wojtowicz,
Applied Physics Letters **94**, 093102 (2009).
 169. „*Response to Comment on Common origin of ferromagnetism and band edge Zeeman splitting in GaMnAs
at low Mn concentrations [Applied Physics Letters 94, 156101 (2009)]*”,
R. Chakarvorty, S. Shen, K. J. Yee, T. Wojtowicz, R. Jakiela, A. Barcz, X. Liu, J. K. Furdyna, and M.
Dobrowolska,
Applied Physics Letters **94**, 156102 (2009).
 170. „*Spin polarized electric currents in semiconductor heterostructures induced by microwave radiation*”,
C. Drexler, V. V. Bel'kov, B. Ashkinadze, P. Olbrich, C. Zoth, V. Lechner, Y. Terent'ev, D. R. Yakovlev, G.
Karczewski, T. Wojtowicz, D. Schuh, W. Wegscheider, and S. D. Ganichev,
Applied Physics Letters **97**, 182107 (2010).
 171. „*Dynamics of charge leakage from self-assembled CdTe quantum dots*”,
L. Kłopotowski, M. Goryca, T. Kazimierczuk, P. Kossacki, P. Wojnar, G. Karczewski, and T. Wojtowicz,
Applied Physics Letters **96**, 201905 (2010).
 172. „*Midinfrared electroluminescence from PbTe/CdTe quantum dot light-emitting diodes*”,
A. Hochreiner, T. Schwarzl, M. Eibelhuber, W. Heiss, G. Springholz, V. Kolkovsky, G. Karczewski, and T.
Wojtowicz,
Applied Physics Letters **98**, 021106 (2011).
 173. „*Growth and optical properties of CdTe quantum dots in ZnTe nanowires*”,
P. Wojnar, E. Janik, L. Baczewski, S. Kret, G. Karczewski, T. Wojtowicz, T. Kazimierczuk, M. Goryca, and

- P. Kossacki,
Applied Physics Letters **99**, 113109 (2011).
174. „*Tuning the inter-shell splitting in self-assembled CdTe quantum dots*”
K. Kuklinski, Ł. Kłopotowski, K. Fronc, M. Wiater, P. Wojnar, P. Rutkowski, V. Voliotis, R. Grousseau, .
Karczewski, J. Kossut and T. Wojtowicz,
Applied Physics Letters **99**, 141906 (2011).
175. „*Strain-induced energy gap variation in ZnTe/ZnMgTe core/shell nanowires*”,
P. Wojnar , M. Zieliński, E. Janik, W. Zaleszczyk, T. Wojciechowski, P. Wojnar, M. Szymura, Ł.
Kłopotowski, L. Baczewski, A. Pietruchik, M. Wiater, S. Kret, G. Karczewski, T. Wojtowicz, J. Kossut,
Applied Physics Letters **104**, 163111 (2014).
176. „*Symmetry properties of n-doped (Cd,Mn)Te quantum well photoluminescence spectra: An exemplary
evidence for anisotropy-induced valence-band mixing*”,
A.V. Koudinov, C. Kehl, G. Astakhov, J. Geurts, T. Wojtowicz, G. Karczewski,
Applied Physics Letters **108**, 191113 (2016).

OTHER JOURNALS (IF₂₀₁₆ < 3.000):

177. „*Spin-orbit stiffness of the spin-polarized electron gas*”,
F. Baboux, F. Perez, C.A. Ullrich, G. Karczewski, T. Wojtowicz,
Physica Status Solidi - Rapid Research Letters **10**, 315 (2016).
178. „*Pressure effect on magneto-optical properties in CdTe/(Cd, Mn)Te single quantum wells with high Mn
concentration*”,
H. Yokoi, S. W. Tozer, K. Yongmin, D. Rickel, Y. Kakudate, S. Usuba, S. Fujiwara, S. Takeyama, G.
Karczewski, T. Wojtowicz, and J. Kossut,
Journal of Applied Physics **85**, 5935 (1999).
179. „*Parasitic conduction phenomena in modulation doped CdTe/CdMgTe: I heterostructures grown on GaAs
substrates*”,
D. Wasik, M. Baj, J. Siwiec-Matuszyk, T. Wojtowicz, E. Janik, and G. Karczewski,
Journal of Applied Physics **91**, 753 (2002).
180. „*Effect of Be doping on the properties of GaMnAs ferromagnetic semiconductors*”,
S. Lee, S. J. Chung, I. S. Choi, S. Yuldeshev, I. Hyunsik, T. W. Kang, W. Lim, Y. Sasaki, X. Liu, T.
Wojtowicz, and J. K. Furdyna,
Journal of Applied Physics **93**, 8307 (2003).
181. „*Effect of Mn interstitials on the lattice parameter of Ga_{1-x}Mn_xAs*”,
I. Kuryliszyn-Kudelska, J. Z. Domagala, T. Wojtowicz, X. Liu, E. Lusakowska, W. Dobrowolski, and J. K.
Furdyna,
Journal of Applied Physics **95**, 603 (2004).
182. „*Properties of arsenic antisite defects in Ga_{1-x}Mn_xAs*”,
A. Wolos, M. Kaminska, M. Palczewska, A. Twardowski, X. Liu, T. Wojtowicz, and J. K. Furdyna,
Journal of Applied Physics **96**, 530 (2004).
183. „*Observation of photoluminescence related to Lomer-Cottrell-like dislocations in ZnSe epilayers grown on
in situ cleaved (110)GaAs surfaces*”,
M. Kutrowski, T. Wojtowicz, G. Cywinski, L. V. Titova, E. Martin, X. Liu, J. K. Furdyna, and M.

- Dobrowolska,
Journal of Applied Physics **97**, 13519 (2005).
184. *“Perpendicular magnetization reversal, magnetic anisotropy, multistep spin switching, and domain nucleation and expansion in $Ga_{1-x}Mn_xAs$ films”*,
X. Liu, W. L. Lim, L. V. Titowa, M. Dobrowolska, J. K. Furdyna, M. Kutrowski, and T. Wojtowicz,
Journal of Applied Physics **98**, 063904 (2005).
 185. *„Ferromagnetic resonance investigations on $Ga_{0.965}Mn_{0.035}As$ film”*,
S. Balascuta, X. Liu, D. V. Baxter, J. Carini, T. Wojtowicz, Y. Sasaki, J. Furdyna, and M. Chipara,
Journal of Applied Physics **99**, 113908 (2006).
 186. *„Effect of catalyst diameter on vapour-liquid-solid growth of GaAs nanowires”*,
B. O'Dowd, T. Wojtowicz, S. Rouvimov, X. Liu, R. Pimpinella, V. Kolkovsky, T. Wojciechowski, M. Zgirski, M. Dobrowolska, I. Shvets, J.K.Furdyna
Journal of Applied Physics **116**, 063509-1-6, (2014).
 187. *„Stark spectroscopy of CdTe and CdMnTe quantum dots embedded in n-i-p diodes”*,
Ł. Kłopotowski, K. Fronc, P. Wojnar, M. Wiater, T. Wojtowicz, G. Karczewski,
Journal of Applied Physics **115**, 203512-1-8, (2014).
 188. *„Engineering the hole confinement for CdTe-based quantum dot molecules”*
Ł. Kłopotowski, P. Wojnar, S. Kret, M. Parlińska-Wojtan, K. Fronc, G. Karczewski, T. Wojtowicz,
Journal of Applied Physics **117**, 224306-9 (2015).
 189. *“Exciton dynamics in individual semimagnetic $(Zn,Mn)Te/(Zn,Mg)Te$ nanowires”*
K. Gałkowski, P. Wojnar, E. Janik, J. Papierska, K. Sawicki, P. Kossacki, J. Suffczyński
Journal of Applied Physics **118**, 095704 (2015).
 190. *„Pressure coefficients of the photoluminescence of the II-VI semiconducting quantum dots grown by molecular beam epitaxy”*,
P. Łach, G. Karczewski, P. Wojnar, T. Wojtowicz, M. G. Brik, A. Kamińska, A. Reszka,
B. J. Kowalski, and A. Suchocki,
Journal of Luminescence **132**, 1501 (2012).
 191. *Photoluminescence of nanocoral ZnO films”*,
M. Borysiewicz, M. Wzorek, T. Wojciechowski, T. Wojtowicz, E. Kamińska, A. Piotrowska A.,
Journal of Luminescence **147**, 367-371 (2014).
 192. *„Theoretical studies of the pressure-induced zinc-blende to cinnabar phase transition in CdTe and thermodynamical properties of each phase”*,
M. G. Brik, P. Łach, G. Karczewski, T. Wojtowicz, A. Kamińska, and A. Suchocki,
Materials Chemistry and Physics **140**, 216 (2013).
 193. *„Photovoltaic characterization of n-CdTe/p-CdMnTe/GaAs diluted magnetic diode”*,
S. Yahia, F. Yakuphanoglu, S. Chusnutdinow, T. Wojtowicz, and G. Karczewski,
Current Applied Physics **13**, 537 (2013).
 194. *„Turnover of Exciton Spin States in CdTe/ $Cd_{0.88}Mn_{0.12}Te$ Quantum Wells”*
S. Kamimura, A. Date, M. Nakajima, G. Karczewski, T. Wojtowicz, J. Kossut, T. Tsuchiya, H. Mino,
Journal of the Physical Society of Japan **84**, 4704 (2015).

195. „*Photoluminescence study of the increased hole confinement in CdTe quantum dots*”,
M.M. Pilat, Ł. Kłopotowski, P. Wojnar, K. Fronc, G. Karczewski, T. Wojtowicz, J. Kossut,
Proc. SPIE 9553, Low-Dimensional Materials and Devices, 95530J (August 26, 2015);
doi:10.1117/12.2188406.
196. „*Structural and magnetic properties of hybrid ferromagnetic metal/semiconductor (ZnTe)/Co core-shell nanowires*”,
P.A. Misiuna, P. Dłużewski, T. Wojciechowski, E. Milińska, B. Kurowska, M. Wiater, A. Wawro, T. Wojtowicz, L.T. Baczewski,
Journal of Crystal Growth **412**, 80 (2015).
197. „*Hopping conduction studies of p-Hg_{1-x}Mn_xTe in high magnetic fields: unusual anisotropy of resistivity*”,
T. Wojtowicz, T. R. Gawron, J. L. Robert, A. Raymond, C. Bousquet, and A. Mycielski,
Journal of Crystal Growth **72**, 385 (1985).
198. „*Exciton dynamics in MBE grown CdTe/CdMnTe multiple quantum wells*”,
M. Godlewski, M. Surma, G. Karczewski, J. Jaroszynski, T. Wojtowicz, J. Kossut, J. P. Bergman, and B. Monemar,
Journal of Crystal Growth **159**, 989 (1996).
199. „*Manganese diffusion in MBE-grown Cd(Mn)Te structures*”,
A. Barcz, G. Karczewski, T. Wojtowicz, and J. Kossut,
Journal of Crystal Growth **159**, 980 (1996).
200. „*Optically detected spin-glass transition in superlattices and quantum wells of diluted magnetic semiconductors*”,
M. Dahl, A. Mergler, M. Sawicki, T. Litz, A. Waag, T. Gerhard, G. Karczewski, T. Wojtowicz, and J. Kossut,
Journal of Crystal Growth **159**, 1009 (1996).
201. „*Laser emission in CdZnTe/CdMnTe double quantum well heterostructures*”,
L. Kowalczyk, G. Karczewski, T. Wojtowicz, and J. Kossut,
Journal of Crystal Growth **159**, 680 (1996).
202. „*Hydrostatic pressure study of indium DX-like centers in MBE-grown CdTe and CdMnTe layers*”,
D. Wasik, J. Przybytek, M. Baj, G. Karczewski, T. Wojtowicz, and J. Kossut,
Journal of Crystal Growth **159**, 392 (1996).
203. „*Spatial correlations of In-donor charges in CdTe layers*”,
T. Suski, P. Wisniewski, E. Litwin-Staszewska, D. Wasik, J. Przybytek, M. Baj, G. Karczewski, T. Wojtowicz, A. Zakrzewski, and J. Kossut,
Journal of Crystal Growth **159**, 380 (1996).
204. „*Zinc-blende Mg_{1-x}Mn_xTe - a new diluted magnetic semiconductor system*”,
E. Janik, E. Dynowska, M. J. Bak, T. Wojtowicz, G. Karczewski, J. Kossut, A. Stachow-Wojcik, A. Twardowski, W. Mac, and K. Ando,
Journal of Crystal Growth **184-185**, 976 (1998).
205. „*Interdiffusion in annealed CdMnTe/CdTe/CdMgTe quantum wells studied by the Zeeman effect*”,
S. Mackowski, N. T. Khoi, P. Kossacki, A. Golnik, J. A. Gaj, A. Lemaitre, C. Testelin, C. Rigaux, G. Karczewski, T. Wojtowicz, and J. Kossut,
Journal of Crystal Growth **184-185**, 966 (1998).

206. „*Four-wave mixing in CdMnTeSe:In crystals*”,
B. Koziarska-Glinka, T. Wojtowicz, I. Miotkowski, J. K. Furdyna, and A. Suchocki,
Journal of Crystal Growth **184-185**, 696 (1998).
207. „*Excitons in Cd_{1-x}Mn_xTe quantum wells with a parabolic confining potential*”,
T. Wojtowicz, M. Kutrowski, G. Cywinski, G. Karczewski, E. Janik, E. Dynowska, J. Kossut, R. Fiederling,
A. Pfeuffer-Jeschke, and W. Ossau,
Journal of Crystal Growth **184-185**, 936 (1998).
208. „*High mobility 2D electron gas in iodine modulation doped CdTe/CdMgTe heterostructures*”,
G. Karczewski, J. Jaroszynski, A. Barcz, M. Kutrowski, T. Wojtowicz, and J. Kossut,
Journal of Crystal Growth **184-185**, 814 (1998).
209. „*Magnons in layered MnTe/CdTe structures*”,
M. Jouanne, W. Szuszkiewicz, J. F. Morhange, M. A. Kanehisa, J. M. Hartmann, H. Mariette, E. Dynowska,
G. Karczewski, T. Wojtowicz, J. Kossut, and J. Barnas,
Journal of Crystal Growth **184-185**, 947 (1998).
210. „*An approach to the exciton magnetic polaron bifurcation problem studied in Cd_{1-x}Mn_xTe-CdTe-Cd_{1-y}Mg_yTe asymmetric single quantum wells*”,
S. Takeyama, Y. G. Semenov, T. Karasawa, G. Karczewski, T. Wojtowicz, and J. Kossut,
Journal of Crystal Growth **184-185**, 907 (1998).
211. „*Exciton-electron interactions in CdTe/CdMgTe modulation-doped QW structures*”,
V. P. Kochereshko, D. R. Yakovlev, R. A. Suris, W. Ossau, G. Landwehr, T. Wojtowicz, M. Kutrowski, G.
Karczewski, and J. Kossut,
Journal of Crystal Growth **184-185**, 826 (1998).
212. „*Transient photo-reflectance of CdMnTe MBE layers: optical path modulation*”,
W. Farah, D. Scalbert, M. Nawrocki, J. A. Gaj, E. Janik, G. Karczewski, and T. Wojtowicz,
Journal of Crystal Growth **184-185**, 980 (1998).
213. „*Inter-quantum well exciton transfer in CdTe/Cd_{1-x}Mn_xTe (x=0.1,0.3) multiple quantum well structures*”,
M. Godlewski, Z. Wilamowski, T. Wojtowicz, G. Karczewski, J. Kossut, P. O. Holtz, J. P. Bergman,
and B. Monemar,
Journal of Crystal Growth **184-185**, 957 (1998).
214. „*Quasi-zero-dimensional excitons in quantum well structures of CdTe/CdMnTe*”,
M. Godlewski, R. Narkowicz, T. Wojtowicz, J. P. Bergman, and B. Monemar,
Journal of Crystal Growth **214-215**, 420 (2000).
215. „*Pressure effect on the exchange interaction in the interface region of a CdTe/CdMnTe quantum-well structure*”,
H. Yokoi, S. Tozer, Y. Kim, S. Takeyama, T. Wojtowicz, G. Karczewski, and J. Kossut,
Journal of Crystal Growth **214-215**, 428 (2000).
216. „*Polarized photoluminescence experiments in CdTe/CdMgTe quantum Hall systems at $\nu=1$* ”,
Y. Imanaka, T. Takamasu, G. Kido, G. Karczewski, T. Wojtowicz, and J. Kossut,
Journal of Crystal Growth **214-215**, 240 (2000).
217. „*Excitonic coherent gain induced by giant Zeeman splitting in Cd_{1-x}Mn_xTe quantum wells*”,
R. Akimoto, F. Sasaki, S. Kobayashi, K. Ando, G. Karczewski, and T. Wojtowicz,
Journal of Crystal Growth **214-215**, 415 (2000).

218. „*II-VI quantum structures with tunable electron g-factor*”,
T. Wojtowicz, M. Kutrowski, G. Karczewski, J. Kossut, B. Konig, A. Keller, D. R. Yakovlev, A. Waag, J. Geurts, W. Ossau, G. Landwehr, I. A. Merkulov, F. J. Teran, and M. Potemski,
Journal of Crystal Growth **214-215**, 378 (2000) – **invited**.
219. „*Optical and structural properties of Pb_{1-x}Eu_xTe/CdTe//GaAs (001) heterostructures grown by MBE*”,
E. Smajek, M. Szot, L. Kowalczyk, V. Domukhovski, B. Taliashvili, P. Dziawa, W. Knoff, E. Lusakowska, A. Reszka, B. Kowalski, M. Wiater, T. Wojtowicz, and T. Story,
Journal of Crystal Growth **323**, 140 (2011).
220. „*Structural and magnetic properties of hybrid ferromagnetic metal/semiconductor (ZnTe)/Co core-shell nanowires*”,
Misiuna P., Dłużewski P., Wojciechowski T., Milińska E., Kurowska B., Wiater M., Wawro A., Wojtowicz T., Baczewski L.,
Journal of Crystal Growth **412**, 80-86, (2015).
221. „*Size-controlled quantum dots fabricated by precipitation of epitaxially grown, immiscible semiconductor heterosystems*”,
H. Groiss, E. Kaufmann, G. Springholz, T. Schwarzl, G. Hesser, F. Schaffler, W. Heiss, K. Koike, T. Ikatura, T. Hotei, M. Yano, and T. Wojtowicz,
Journal of Physics: Condensed Matter **20**, 454216 (2008).
222. „*Coherence-mediated laser control of exciton and trion spins in CdTe/CdMgTe quantum wells studied by the magneto-optical Kerr effect*”,
J. H. Versluis, A. V. Kimel, V. N. Gridnev, D. R. Yakovlev, G. Karczewski, T. Wojtowicz, J. Kossut, A. Kirilyuk, and T. Rasing,
Journal of Physics: Condensed Matter **22**, 115801 (2010).
223. „*Magneto-optical four-wave-mixing studies of an exciton-biexciton system in a CdMnTe/CdTe/CdMgTe single quantum well*”,
H. Mino, A. Kobayashi, G. Karczewski, T. Wojtowicz, J. Kossut, and S. Takeyama,
Journal of the Physical Society of Japan **76**, 064704 (2007).
224. „*Charged excitons and biexcitons in CdZnTe/(Cd,Zn,Mn)Te quantum wells in pulse magnetic fields*”,
S. Takeyama, Y. Natori, Y. Hirayama, E. Kojima, Y. Arishima, H. Mino, G. Karczewski, T. Wojtowicz, and J. Kossut,
Journal of the Physical Society of Japan **77**, 044702 (2008).
225. “*Magnetic anisotropy in ferromagnetic III-Mn-V semiconductors: issues and observations*”,
J. K. Furdyna, X. Liu, T. Wojtowicz, W. L. Lim, U. Welp, V. K. Vlasko-Vlasov
Advances in Solid State Physics **44**, 515, Publisher-Springer-Verlag Heidelberg (2004) – **invited**.
226. „*Inhomogeneous broadening of exciton lines in magneto-optical reflection from CdTe/CdMgTe quantum wells*”,
G. V. Astakhov, V. A. Kosobukin, V. P. Kochereshko, D. R. Yakovlev, W. Ossau, G. Landwehr, T. Wojtowicz, G. Karczewski, and J. Kossut,
European Physical Journal B **24**, 7 (2001).
227. „*p-ZnTe/n-CdMnTe/n-GaAs diluted magnetic diode for photovoltaic applications*”,
I. S. Yahia, G. B. Sakr, T. Wojtowicz, and G. Karczewski,
Semiconductor Science and Technology **25**, 095001 (2010).
228. „*Electron spin relaxation in very diluted CdMnTe quantum wells*”,
S. Cronenberger, P. Barate, A. Brunetti, M. Vladimirova, D. Scalbert, F. J. Teran, G. Karczewski, and T.

- Wojtowicz,
Superlattices and Microstructures **43**, 427 (2008).
229. „*Impedance Spectroscopy of n-CdTe/p-CdMnTe/p-GaAs Diluted Magnetic Diode*”,
I.S. Yahia, S. Alfaify, F. Yakuphanoglu, S. Chusnutdinow, T. Wojtowicz, G. Karczewski,
Journal of Electronic Materials **44**, 2768, (2015).
230. „*Electric and thermoelectric properties of CdTe/PbTe epitaxial nanocomposite*”,
M. Szot, K. Dybko, P. Dziawa, L. Kowalczyk, V. Domukhovski, B. Taliashvili, A. Reszka, B. Kowalski, P.
Dłużewski, M. Wiater, T. Story, T. Wojtowicz,
Functional Materials Letters **7**, 1440007-1-4, (2014).
231. „*Terahertz magneto-spectroscopy of a point contact based on CdTe/CdMgTe quantum well*”,
I. Grigelionis, M. Białek, M. Grynberg, M. Czapkiewicz, V. Kolkovsky, M. Wiater, T. Wojciechowski,
J. Wróbel, T. Wojtowicz, N. Diakonova, W. Knap, J. Łusakowski,
Journal of Nanophotonics **9**, 093082, (2015).
232. „*Nanocoral ZnO films fabricated on flexible poly(vinyl chloride) using a carrier substrate*”,
M. Borysiewicz, T. Wojciechowski, E. Dynowska, M. Wielgus, J. Bar, T. Wojtowicz, E. Kamińska,
A. Piotrowska,
Thin Solid Films **550**, 145-148, (2014).
233. „*Interplay between exciton properties and interface quality in CdTe/CdMnTe quantum well structures grown by molecular-beam epitaxy*”,
M. Godlewski, M. Surma, T. Wojtowicz, G. Karczewski, J. Kossut, J. P. Bergman, and B. Monemar,
Journal of Luminescence **72-74**, 857 (1997).
234. „*Ultrafast excitonic optical gain induced by giant-Zeeman splitting in Cd_{1-x}Mn_xTe quantum wells*”,
R. Akimoto, F. Sasaki, S. Kobayashi, K. Ando, G. Karczewski, and T. Wojtowicz,
Journal of Luminescence **87-89**, 868 (2000).
235. “*Biexciton formation induced by bright-dark exciton transitions in a diluted magnetic semiconductor asymmetric quantum well*”,
R. Shen, H. Mino, G. Karczewski, T. Wojtowicz, J. Kossut, and S. Takeyama,
Journal of Luminescence **112**, 204 (2005).
236. „*Optical study of spin glass-like transition in epilayers and quantum well structures containing Cd_{1-x}Mn_xTe*”,
D. R. Yakovlev, U. Zehnder, W. Ossau, A. Waag, G. Landwehr, T. Wojtowicz, G. Karczewski, and J.
Kossut,
Journal of Magnetism and Magnetic Materials **191**, 25 (1999).
237. „*Selected properties of AFM-III structures-cubic MnTe and diluted magnetic semiconductors: CdMnTe and MgMnTe*”,
W. Szuszkiewicz, B. Hennion, M. Jouanne, J. F. Morhange, E. Dynowska, E. Janik, and T. Wojtowicz,
Journal of Magnetism and Magnetic Materials **196-197**, 425 (1999).
238. “*Effect of annealing on magnetic and magnetotransport properties of Ga_{1-x}Mn_xAs epilayers*”
I. Kurliszyn-Kudelska, T. Wojtowicz, X. Liu, J. K. Furdyna, W. Dobrowolski, J. Z. Domagała, E.
Łusakowska, m. Gorian, E. Haanappel, and O. Portugall, ,
Journal of Magnetism and Magnetic Materials **272-276**, e1575 (2004).

239. „Exciton magnetic polarons in CdZnTe/CdZnMnTe quantum well”,
G. Grabecki, S. Takeyama, S. Adachi, Y. Takagi, T. Wojtowicz, G. Karczewski, and J. Kossut,
Japanese Journal of Applied Physics, Supplement **34**, 59 (1994).
240. „Direct measurement of the lattice parameter of thick stable zinc blende MgTe layer”,
E. Dynowska, E. Janik, M. J. Bak, J. Domagacla, T. Wojtowicz, and J. Kossut,
Journal of Alloys and Compounds **286**, 276 (1999).
241. „The effect of pressure on the luminescence of CdTe/CdMnTe quantum wells”,
P. Perlin, S. Shilo, T. Sosin, Y. Tyagur, T. Suski, W. Trzeciakowski, G. Karczewski, T. Wojtowicz, E. Janik,
A. Zakrzewski, M. Kutrowski, and J. Kossut,
Journal of the Physics and Chemistry of Solids **56**, 415 (1995).
242. „Influence of temperature and illumination on the electrical properties of p-ZnTe/n-CdTe heterojunction
grown by molecular beam epitaxy”,
A. A. M. Farag, I. S. Yahia, T. Wojtowicz, and G. Karczewski,
Journal of Physics D: Applied Physics **43**, 215102 (2010).
243. „Magnetic generation of electrons and holes in semimetallic HgTe-CdTe superlattices”,
J. R. Meyer, C. A. Hoffman, F. J. Bartoli, T. Wojtowicz, M. Dobrowolska, J. K. Furdyna, X. Chu, J. P.
Faurie, and L. R. Ram-Mohan,
Journal of Vacuum Science & Technology B **10**, 1582 (1992).
244. „High-pressure and high-magnetic-field study of energy transfer from excitons into local d electrons in a
CdTe/(Cd, Mn)Te quantum well structure”,
H. Yokoi, Y. Kakudate, S. Fujiwara, S. W. Tozer, Y. Kim, S. Takeyama, T. Wojtowicz, G. Karczewski, and
J. Kossut,
Journal of Physics: Condensed Matter **14**, 11001 (2002).
245. „Fermi level effects on Mn incorporation in modulation-doped ferromagnetic $III_{1-x}Mn_xV$ heterostructures”,
J. K. Furdyna, T. Wojtowicz, X. Liu, K. M. Yu, W. Walukiewicz, I. Vurgaftman, and J. R. Meyer,
Journal of Physics: Condensed Matter **16**, 5499 (2004) – **invited**.
246. „Magnetic field dependence of exciton linewidth in quantum wells made of semimagnetic semiconductors:
comparison of theory and experiment”,
A. V. Komarov, V. I. Sugakov, G. V. Vertsimakha, W. Zaleszczyk, G. Karczewski, and T. Wojtowicz,
Journal of Physics: Condensed Matter **18**, 7401 (2006).
247. „Correlation of Mn lattice location, free hole concentration, and Curie temperature in ferromagnetic
GaMnAs”,
T. Wojtowicz, W. L. Lim, X. Liu, Y. Sasaki, U. Bindley, M. Dobrowolska, J. K. Furdyna, K. M. Yu, and W.
Walukiewicz,
Journal of Superconductivity: Incorporating Novel Magnetism **16**, 41 (2003).
248. „Low temperature annealing studies of Ga(1-x)Mn(x)As”,
I. Kuryliszyn, T. Wojtowicz, X. Liu, J. K. Furdyna, W. Dobrowolski, J.-M. Broto, M. Goiran, O. Portugall,
H. Rakoto, and B. Raquet,
Journal of Superconductivity: Incorporating Novel Magnetism **16**, 151 (2003).
249. „Magnetic characteristics of zinc-blende MnTe: results of a spin-wave analysis”,
B. Hennion, W. Szuszkiewicz, E. Dynowska, E. Janik, and T. Wojtowicz,
Journal of Superconductivity: Incorporating Novel Magnetism **16**, 156 (2003).

250. „*Spin wave resonances in GaMnAs*”,
Y. Sasaki, X. Liu, T. Wojtowicz, and J. K. Furdyna,
Journal of Superconductivity: Incorporating Novel Magnetism **16**, 143 (2003).
251. “*Observation of combined ferromagnetic/paramagnetic phase in $Ga_{1-x}Mn_xAs$ by magnetic circular dichroism*”,
K. J. Yee, R. Chakarvorty, W. L. Lim, X. Liu, M. Kutrowski, L. V. Titowa, T. Wojtowicz,
J. K. Furdyna, and M. Dobrowolska,
Journal of Superconductivity: Incorporating Novel Magnetism **18**, 131 (2005).
252. “*Stability of singlet and triplet charged excitons in CdTe/CdMgTe two dimensional electron systems around $\nu=1$* ”,
Y. Imanaka, T. Takamasu, G. Kido, G. Karczewski, T. Wojtowicz, and J. Kossut,
Journal of Superconductivity: Incorporating Novel Magnetism **18**, 215 (2005).
253. „*Ferromagnetic III-Mn-V semiconductors: manipulation of magnetic properties by annealing, extrinsic doping, and multilayer design*”,
J. K. Furdyna, X. Liu, W. L. Lim, Y. Sasaki, T. Wojtowicz, I. Kuryliszyn, S. Lee, K. M. Yu, and W. Walukiewicz,
Journal of the Korean Physical Society **42 pt. 1**, S579 (2003)- **invited**.
254. „*Linearly Polarized Emission of Quantum Wells Subject to an In-Plane Magnetic Field*”,
Y. G. Kusrayev, A. V. Koudinov, N. S. Averkiev, D. Wolverson, J. J. Davies, J. Kossut, G. Karczewski, and T. Wojtowicz,
Journal of the Korean Physical Society **53**, 2782 (2008).
255. „*Coherent Raman Spectroscopy of Cd $_{1-x}$ Mn $_x$ Te Quantum Wells*”,
L. C. Smith, D. Wolverson, S. J. Bingham, J. J. Davies, M. Lentze, J. Geurts, M. Wiater, G. Karczewski, and T. Wojtowicz,
Journal of the Korean Physical Society **53**, 2787 (2008).
256. „*Modulation of Quantum Well Optical Properties by Illumination above the Barrier Bandgap*”,
A. V. Koudinov, Y. G. Kusrayev, L. C. Smith, J. J. Davies, D. Wolverson, M. Wiater, G. Karczewski, and T. Wojtowicz,
Journal of the Korean Physical Society **53**, 2792 (2008).
257. „*Excitons in Motion in CdTe, ZnTe and ZnSe*”,
J. J. Davies, L. C. Smith, D. Wolverson, H. Boukari, R. T. Cox, H. Mariette, J. Cibert, V. P. Kochereshko, A. Platonov, M. Wiater, T. Wojtowicz, and G. Karczewski,
Journal of the Korean Physical Society **53**, 2803 (2008).
258. „*Changes of the Light-Hole Exciton Line in CdMnTe/CdMgTe Quantum Wells Under Resonant Excitation of the Heavy-Hole Exciton*”,
A. Trajnerowicz, A. Golnik, P. Kossacki, W. Pacuski, W. Bardyszewski, M. Wiater, G. Karczewski, and T. Wojtowicz,
Journal of the Korean Physical Society **53**, 2981 (2008).
259. „*MBE Growth and Properties of ZnTe- and CdTe-Based Nanowires*”,
T. Wojtowicz, E. Janik, W. Zaleszczyk, J. Sadowski, G. Karczewski, P. Dluzewski, S. Kret, W. Szuszkiewicz, E. Dynowska, J. Domagala, M. Aleszkiewicz, L. T. Baczewski, A. Petrouchik, A. Presz, W. Pacuski, A. Golnik, P. Kossacki, J. F. Morhange, H. Kirmse, W. Neumann, and W. Caliebe,
Journal of the Korean Physical Society **53**, 3055 (2008) – **invited**.

260. „*Magnetoresistance of Iodine-Doped CdMnTe/CdMgTe Spin Quantum Wells*”, V. Kolkovsky, M. Wiater, T. Wojtowicz, G. Karczewski, and J. Jaroszynski, Journal of the Korean Physical Society **53**, 3068 (2008).
261. „*Colossal Magnetoresistance in (Cd,Mn)Te heterostructures*”, T. Andrearczyk, W. Zaleszczyk, M. Wiater, T. Wojtowicz, M. Sawicki, G. Karczewski, T. Dietl, D. Popovic, and J. Jaroszynski, Journal of the Korean Physical Society **53**, 28 (2008).
262. „*Localization in Diluted Magnetic Semiconductors*”, T. Dietl, M. Sawicki, J. Jaroszynski, J. Wrobel, T. Wojtowicz, and A. Lenard, Localization and Confinement of Electrons in Semiconductors, ed. F. Kuchar, H. Heinrich and G. Bauer Springer Series in Solid State Sciences, Vol 97 (Springer Verlag, Berlin, Heidelberg, 1990) p. 127 (1990) - **invited**.
263. „*Photo-induced magnetic polarons in low-dimensional dilute magnetic semiconductors*”, S. Takeyama, S. Adachi, Y. Takagi, G. Karczewski, T. Wojtowicz, J. Kossut, and T. Karasawa, Materials Science & Engineering B **63**, 111 (1999) - **invited**.
264. „*DX-like centers in II-VI diluted magnetic semiconductors*”, T. Wojtowicz, G. Karczewski, N. G. Semaltianos, S. Kolesnik, I. Miotkowski, M. Dobrowolska, and J. K. Furdyna, Materials Science Forum **143-147**, 1203 (1994).
265. „*Magnetic phase diagram of highly concentrated Cd_{1-x}Mn_xTe (0.4 < x < 1.0)*”, J. Pietruczanis, W. Mac, A. Twardowski, G. Karczewski, A. Zakrzewski, E. Janik, T. Wojtowicz, and J. Kossut, Materials Science Forum **182-184**, 687 (1995).
266. „*Magnetic characterization of MBE grown Cd_{1-x}Mn_xTe structures*”, M. Sawicki, T. Dietl, G. Karczewski, T. Wojtowicz, and J. Kossut, Materials Science Forum **182-184**, 685 (1995).
267. „*Defect related recombination processes in II-VI quantum wells*”, M. Godlewski, J. P. Bergman, B. Monemar, B. Koziarska, A. Suchocki, G. Karczewski, T. Wojtowicz, J. Kossut, A. Waag, and D. Hommel, Materials Science Forum **196-201**, 455 (1995).
268. „*Indium DX-like centers in MBE CdTe layers*”, D. Wasik, J. Przybytek, M. Baj, G. Karczewski, T. Wojtowicz, A. Zakrzewski, and J. Kossut, Materials Science Forum **182-184**, 247 (1995).
269. „*Bistable centers in CdMnTeSe:In and CdMnTe:Ga crystals studied by light -induced gratings*”, B. Koziarska-Glinka, M. Ponder, A. Suchocki, T. Wojtowicz, and I. Miotkowski, Materials Science Forum **258-263**, 1407 (1997).
270. „*Defect-related recombination processes in low-dimensional structures of ZnCdSe/ZnSe, CdTe/CdMnTe and GaAs/AlGaAs*”, M. Godlewski, D. Hommel, T. Wojtowicz, G. Karczewski, J. Kossut, K. Reginski, M. Bugajski, J. P. Bergman, and B. Monemar, Materials Science Forum **258-263**, 1665 (1997).
271. „*Auger-type nonradiative recombination processes in bulk and in quantum well structures of II-VI semiconductors containing transition metal ions*”,

- M. Godlewski, M. Surma, A. J. Zakrzewski, T. Wojtowicz, G. Karczewski, J. Kossut, J. P. Bergman, and B. Monemar,
Materials Science Forum **258-263**, 1677 (1997).
272. „*(Zn,Mn)Te-based nanowires for spintronic applications: a TEM study of structural and chemical properties*”,
H. Kirmse, W. Neumann, S. Kret, E. Janik, W. Zaleszczyk, G. Karczewski, and T. Wojtowicz,
Materials Science Forum **638-642**, 2154 (2010).
273. „*HRTEM simulations of planar defects in ZnTe nanowires*”,
I. Häusler, H. Kirmse, W. Neuman, S. Kret, P. Dłużewski, E. Janik, G. Karczewski, and T. Wojtowicz,
Materials Science **2**, 133 (2008).
274. „*TEM analysis of the chemical gradient in (Zn,MnTe/ZnTe nanowires)*”,
H. Kirmse, W. Neumann, S. Kret, P. Dłużewski, E. Janik, W. Zaleszczyk, A. Presz, G. Karczewski,
and T. Wojtowicz,
Materials Science **2**, 301 (2008).
275. „*Raman scattering studies of MBE-grown ZnTe nanowires*”,
W. Szuszkiewicz, J. F. Morhange, E. Dynowska, E. Janik, W. H. Zaleszczyk, A. Presz, J. Z. Domagała,
W. Caliebe, G. Karczewski, and T. Wojtowicz,
Mater. Sci.-Poland **26**, 1053, (2008).
276. „*Magnetic origin of the temperature variation of the band offsets in the CdTe/(Cd,Mn)Te heterostructures*”,
P. Kossacki, Nguyen-The-Khoi, A. Stachow, J. A. Gaj, G. Karczewski, J. Kossut, and T. Wojtowicz,
Nuovo Cimento D **17D**, 1537 (1995).
277. „*Conductivity in a spin-polarized band near the metal-insulator critical point*”,
T. Wojtowicz, M. Sawicki, J. Jaroszynski, T. Dietl, and W. Plesiewicz,
Physica B **155**, 357 (1989).
278. „*Magneto-photoluminescence study on fractional quantum Hall effect in CdTe -CdMgTe modulation n-doped single quantum wells*”,
S. Takeyama, H. Kunimatsu, K. Uchida, N. Miura, G. Karczewski, J. Jaroszynski, T. Wojtowicz, and J. Kossut,
Physica B **246-247**, 200 (1998).
279. „*Cyclotron resonance in high mobility CdTe/CdMgTe 2D electron system in the integer quantum Hall regime*”,
Y. Imanaka, T. Takamasu, G. Kido, G. Karczewski, T. Wojtowicz, and J. Kossut,
Physica B **256-258**, 457 (1998).
280. „*High magnetic field study of pressure effect on the spin-spin coupling among excitons and Mn ions in 2D- and 3D-CdMnTe systems*”,
H. Yokoi, Y. Kakudate, S. Fujiwara, S. Takeyama, H. Kunimatsu, K. Uchida, N. Miura, T. Schmiedel, S. Tozer, T. Wojtowicz, G. Karczewski, and J. Kossut,
Physica B **246-247**, 254 (1998).
281. „*Magneto-photoluminescence anomalies at integer and fractional quantum Hall regimes in CdTe-CdMgTe modulation n-doped single quantum wells*”,
H. Kunimatsu, S. Takeyama, K. Uchida, N. Miura, G. Karczewski, T. Wojtowicz, and J. Kossut,
Physica B **249-251**, 951 (1998).

282. „*Magnetooptics of CdTe- and (Cd,Mn)Te- based modulation doped quantum well structures*”,
V. P. Kochereshko, A. V. Platonov, D. R. Yakovlev, T. Wojtowicz, M. Kutrowski, G. Karczewski, J. Kossut, W. Ossau, and G. Landwehr,
Physica B **256-258**, 557 (1998).
283. „*Probing spin dynamics by conductance fluctuations and noise in mesoscopic spin-glass*”,
J. Jaroszynski, T. Dietl, J. Wrobel, G. Karczewski, T. Wojtowicz, G. Grabecki, M. Sawicki, E. Papis, E. Kaminska, and A. Piotrowska,
Physica B **249-251**, 500 (1998).
284. „*Detection of nonequilibrium phonons by the exciton luminescence in CdMnTe -based quantum wells*”,
A. V. Scherbakov, A. V. Akimov, D. R. Yakovlev, W. Ossau, G. Landwehr, T. Wojtowicz, G. Karczewski,
and J. Kossut,
Physica B **263-264**, 501 (1999).
285. „*Quantum Hall effect in the highly spin-polarized electron system*”,
J. Jaroszynski, G. Karczewski, T. Andrearczyk, T. Wojtowicz, J. Wrobel, E. Papis, E. Kaminska, A. Piotrowska, and T. Dietl,
Physica B **280**, 378 (2000) - **invited**.
286. „*Motion of neutral and negatively charged excitons in high magnetic fields*”,
F. Pulizzi, W. H. A. Thijssen, P. C. M. Christianen, J. C. Maan, D. R. Yakovlev, W. Ossau, T. Wojtowicz,
G. Karczewski, and J. Kossut,
Physica B **298**, 397 (2001).
287. „*Donor introduced into metal or nonmetal sublattice of MBE n-CdTe*”,
M. Szot, K. Karpierz, T. Wojtowicz, and M. Grynberg,
Physica B **302-303**, 54 (2001).
288. „*Magnetic field induced recovery of exciton photoluminescence extinguished by pressure in a CdTe/CdMnTe single quantum well*”,
N. Yokoi, S. W. Tozer, Y. Kim, Y. Kakudate, T. Wojtowicz, G. Karczewski, and J. Kossut,
Physica B **298**, 426 (2001).
289. „*Far-infrared studies in quantum Hall system of II-VI semiconductors at high magnetic fields*”,
Y. Imanaka, T. Takamasu, G. Kido, G. Karczewski, T. Wojtowicz, and J. Kossut,
Physica B **298**, 392 (2001).
290. „*Biexciton spin states of diluted magnetic semiconductor quantum wells in high magnetic fields*”,
H. Mino, S. Takeyama, S. Adachi, G. Karczewski, T. Wojtowicz, and J. Kossut,
Physica B **298**, 421 (2001).
291. „*Combined exciton and trion excitations in modulation doped quantum well structures*”,
W. Ossau, V. P. Kochereshko, G. V. Astakhov, D. R. Yakovlev, G. Landwehr, T. Wojtowicz, G. Karczewski, and J. Kossut,
Physica B **298**, 315 (2001).
292. „*Spin-phonon dynamics in doped magnetic quantum wells*”,
A. V. Akimov, A. V. Scherbakov, D. R. Yakovlev, W. Ossau, L. W. Molenkamp, T. Wojtowicz, J. Kossut,
S. Tatarenko, and J. Cibert,
Physica B **316-317**, 41 (2002).

293. „Magnetic field induced nonmetal-metal transition in the open-gap $Hg_{1-x}Mn_xTe$ ”,
T. Wojtowicz and A. Mycielski,
Physica B & C **117-118B+C**, 476 (1983).
294. „Magneto-optical studies of $Cd_{1-x}Mn_xTe$ quantum wells with parabolic confining potential”,
W. Ossau, R. Fiederling, B. Konig, T. Wojtowicz, M. Kutrowski, G. Karczewski, and J. Kossut,
Physica E **2**, 209 (1998).
295. „Temperature and size scaling of the QHE resistance: the case of large spin splitting”,
J. Jaroszynski, G. Karczewski, J. Wrobel, T. Andrearczyk, A. Strycharczuk, T. Wojtowicz, G. Grabecki, E. Papis, E. Kaminska, A. Piotrowska, and T. Dietl,
Physica E **6**, 790 (2000).
296. „The Mn concentration dependence of photoluminescence spectra in CdMnTe/CdMgTe quantum Hall system at high magnetic fields up to 25 T”,
Y. Imanaka, T. Takamasu, G. Kido, G. Karczewski, T. Wojtowicz, and J. Kossut,
Physica E **10**, 336 (2001).
297. „Magnetic polaron bifurcation in asymmetric diluted magnetic semiconductor quantum wells”,
T. Stirner, W. E. Hagston, S. Takeyama, G. Karczewski, T. Wojtowicz, and J. Kossut,
Physica E **10**, 331 (2001).
298. „Interface local spin states in a CdTe/(Cd,Mn)Te quantum well”,
Y. Semenov, H. Yokoi, Y. Kakudate, S. Takeyama, S. W. Tozer, Y. Kim, T. Wojtowicz, G. Karczewski, and J. Kossut,
Physica E **10**, 340 (2001).
299. „Optical polarization anisotropy of quantum wells induced by a cubic anisotropy of the host material”,
S. M. Ryabchenko, Y. Semenov, A. V. Komarova, T. Wojtowicz, G. Cywinski, and J. Kossut,
Physica E **13**, 24 (2002).
300. „Singularity in the magnetoluminescence of II-VI quantum Hall systems around $\nu = 1$ ”,
Y. Imanaka, T. Takamasu, G. Kido, G. Karczewski, T. Wojtowicz, and J. Kossut,
Physica E. **12**, 374 (2002).
301. „Resistively detected EPR of Mn^{2+} ions coupled to the 2DEG in quantum Hall regime”,
F. J. Teran, M. Potemski, D. K. Maude, A. K. Hassan, T. Andrearczyk, J. Jaroszynski, Z. Wilamowski, T. Wojtowicz, and G. Karczewski,
Physica E. **12**, 356 (2002).
302. „Effects of spin polarization on electron transport in modulation-doped $Cd(1-x)Mn(x)Te/Cd(1-y)Mg(y)Te$:I heterostructures”,
T. Andrearczyk, J. Jaroszynski, G. Karczewski, J. Wrobel, T. Wojtowicz, T. Dietl, E. Papis, E. Kaminska, and A. Piotrowska,
Physica E. **12**, 361 (2002).
303. „ μ -luminescence study of hybrid ferromagnet/diluted magnetic semiconductor quantum structures”,
G. Cywinski, M. Czczot, J. Wrobel, K. Fronc, M. Aleszkiewicz, S. Mackowski, T. Wojtowicz, and J. Kossut,
Physica E. **13**, 560 (2002).
304. „Novel ferromagnetism in digital GaAs/Mn and GaSb/Mn alloys”,
B. D. McCombe, M. Na, X. Chen, M. Cheon, S. Wang, H. Luo, X. Liu, Y. Sasaki, T. Wojtowicz, J. K.

- Furdyna, S. J. Potashnik, and P. Schiffer,
Physica E **16**, 90 (2003)- **invited**.
305. „*Combined exciton-electron optical processes in optical spectra of modulation doped QWs*”,
 V. P. Kochereshko, G. V. Astakhov, D. R. Yakovlev, W. Ossau, G. Landwehr, W. Faschinger, T.
 Wojtowicz, G. Karczewski, and J. Kossut,
Physica E **17**, 197 (2003).
306. „*Coupling of Mn^{2+} spins with a 2DEG in quantum Hall regime*”,
 F. J. Teran, M. Potemski, D. K. Maude, Z. Wilamowski, A. K. Hassan, D. Plantier, J. Jaroszynski, T.
 Wojtowicz, and G. Karczewski,
Physica E **17**, 335 (2003)- **invited**.
307. „*Ferromagnetic GaSb/Mn digital alloys*”,
 H. Luo, G. B. Kim, M. Cheon, X. Chen, M. Na, S. Wang, B. D. McCombe, X. Liu, Y. Sasaki, T. Wojtowicz,
 J. K. Furdyna, G. Boishin, and L. J. Whitman,
Physica E **20**, 338 (2004) – **invited**.
308. „*Growth and properties of ferromagnetic $In_{1-x}Mn_xSb$ alloys*”,
 T. Wojtowicz, W. L. Lim, X. Liu, G. Cywinski, M. Kutrowski, L. V. Titova, K. Yee, M. Dobrowolska, J. K.
 Furdyna, K. M. Yu, W. Walukiewicz, G. B. Kim, M. Cheon, X. Chen, S. M. Wang, H. Luo, I. Vurgaftman,
 and J. R. Meyer,
Physica E **20**, 325 (2004) – **invited**.
309. „*Electric-field control of ferromagnetism in GaSb/Mn digital alloys*”,
 G. B. Kim, M. Cheon, S. Wang, H. Luo, B. D. McCombe, X. Liu, Y. Sasaki, T. Wojtowicz, and J. K.
 Furdyna,
Physica E **20**, 355 (2004).
310. „*External control of the direction of magnetization in ferromagnetic InMnAs/GaSb heterostructures*”,
 X. Liu, W. L. Lim, L. V. Titova, T. Wojtowicz, M. Kutrowski, K. J. Yee, M. Dobrowolska, J. K. Furdyna, S.
 J. Potashnik, M. B. Stone, P. Schiffer, I. Vurgaftman, and J. R. Meyer,
Physica E **20**, 370 (2004).
311. „*MBE growth and magnetotransport studies of ferromagnetic $Ga_{1-x}Mn_xSb$ semiconductor layers on hybrid
 ZnTe/GaAs substrates*”,
 W. L. Lim, T. Wojtowicz, X. Liu, M. Dobrowolska, and J. K. Furdyna,
Physica E **20**, 346 (2004).
312. „*Four-wave-mixing transient spectroscopy on exciton complex states in CdTe/ $Cd_{1-x}Mn_xTe$ quantum wells*”,
 F. Nagai, A. Kobayashi, H. Mino, S. Takeyama, G. Karczewski, T. Wojtowicz, and J. Kossut,
Physica E **22**, 607 (2004).
313. „*Non-equilibrium dynamical behavior of exciton/biexciton in a diluted magnetic semiconductor asymmetric
 quantum well*”,
 R. Shen, H. Mino, T. Kimukawa, S. Takeyama, G. Karczewski, T. Wojtowicz, and J. Kossut,
Physica E **22**, 611 (2004).
314. „*Spin sensitive dynamics of a charged exciton in magnetic fields*”,
 Y. Hirayama, H. Yamamoto, H. Mino, S. Takeyama, G. Karczewski, T. Wojtowicz, and J. Kossut,
Physica E **22**, 620 (2004).
315. „*Fine structure of photoluminescence spectra in a modulation-doped n-CdTe/(Cd,Mg,Mn)Te quantum
 well*”,

- H. Yokoi, Y. Kakudate, K. Uchida, S. Takeyama, N. Miura, K. Yongmin, G. Karczewski, T. Wojtowicz, J. Kossut, Physica E **22**, 636 (2004).
316. „*Quantum Hall ferromagnet in magnetically-doped quantum wells*”, J. Jaroszynski, T. Andrearczyk, J. Wrobel, G. Karczewski, T. Wojtowicz, E. Papis, E. Kaminska, A. Piotrowska, D. Popovic, and T. Dietl, Physica E **22**, 76 (2004) – **invited**.
317. „*Electronic effects determining the formation of ferromagnetic $III_{1-x}Mn_xV$ alloys during epitaxial growth*”, T. Wojtowicz, J. K. Furdyna, X. Liu, K. M. Yu, and W. Walukiewicz, Physica E **25**, 171 (2004) – **invited**.
318. „*Remarks on localization in semimagnetic semiconductors*”, T. Dietl, L. Swierkowski, J. Jaroszynski, M. Sawicki, and T. Wojtowicz, Physica Scripta **T14**, 29 (1986).
319. „*Capacitance spectroscopy of CdTe self-assembled quantum dots embedded in ZnTe matrix*”, E. Placzek-Popko, E. Zielony, J. Trzmiel, J. Szatkowski, Z. Gumieny, T. Wojtowicz, G. Karczewski, P. Kruszewski, and L. Dobaczewski, Physica B **404**, 5173 (2009).
320. „*Combined exciton-electron processes in modulation-doped QW structures*”, V. P. Kochereshko, D. R. Yakovlev, R. A. Suris, W. Ossau, G. Landwehr, T. Wojtowicz, M. Kutrowski, G. Karczewski, and J. Kossut, Physica Status Solidi A **164**, 213 (1997).
321. „*Two-dimensional excitons in large magnetic field gradients*”, F. Pulizzi, P. C. M. Christianen, J. C. Maan, T. Wojtowicz, G. Karczewski, and J. Kossut, Physica Status Solidi A **178**, 33 (2000).
322. „*Magnetic properties of $Cd_{1-x}Mn_xTe$ and $Zn_{1-x}Mn_xTe$ epilayers with high concentration of Mn*”, A. Stachow-Wojcik, W. Mac, A. Twardowski, G. Karczewski, E. Janik, T. Wojtowicz, J. Kossut, and E. Dynowska, Physica Status Solidi A **177**, 555 (2000).
323. „*Dynamical equilibrium between excitons and trions in CdTe quantum well structures*”, C.-R. L. P. N. Jeukens, P.-C. M. Christianen, J. C. Maan, D. R. Yakovlev, W. Ossau, T. Wojtowicz, G. Karczewski, and J. Kossut, Physica Status Solidi A **190**, 813 (2002).
324. „*Anomalous Mn spin resonance detected by time-resolved Kerr effect in CdMnTe quantum wells*”, F. Teppe, C. Camilleri, D. Scalbert, Y. G. Semenov, M. Nawrocki, J. Cibert, S. Tatarenko, and T. Wojtowicz, Physica Status Solidi A **190**, 715 (2002).
325. „*Dynamics of excitons and trions in CdTe quantum wells: direct observation of diffusion and localization*”, M. T. Portella-Oberli, V. Ciulin, P. Kossaki, S. Haacke, M. Kutrowski, T. Wojtowicz, J. Ganiere, and B. Deveaud, Physica Status Solidi A **190**, 787 (2002).
326. „*Excitons and trions in II-VI quantum wells with modulation doping*”, V. P. Kochereshko, G. V. Astakhov, D. R. Yakovlev, W. Ossau, G. Landwehr, T. Wojtowicz, G.

- Karczewski, and J. Kossut,
Physica Status Solidi B **221**, 345 (2000).
327. „Excitons and trions modified by interaction with a two-dimensional electron gas”,
R. A. Suris, V. P. Kochereshko, G. V. Astakhov, D. R. Yakovlev, W. Ossau, J. Nurnberger, W. Faschinger,
G. Landwehr, T. Wojtowicz, G. Karczewski, and J. Kossut,
Physica Status Solidi B **227**, 343 (2001).
328. „Pressure effect on parallel transport in low-dimensional CdTe/CdMgTe heterostructures”,
D. Wasik, M. Baj, L. Dmowski, J. Siwiec-Matuszyk, E. Janik, T. Wojtowicz, and G. Karczewski,
Physica Status Solidi B **223**, 513 (2001).
329. „Electron effective mass and resonant polaron effect in CdTe/CdMgTe quantum wells”,
G. Karczewski, T. Wojtowicz, J. W. Yong, W. Xiaoguang, and F. M. Peeters,
Physica Status Solidi B **229**, 597 (2002).
330. „Neutral and charged exciton photoluminescence in a magnetic field studied for different electron
concentrations and g-factors”,
M. Kutrowski, T. Wojtowicz, P. Kossacki, V. Ciulin, and J. Kossut,
Physica Status Solidi B **229**, 791 (2002).
331. „Formation time of negatively charged excitons in CdTe-based quantum wells”,
P. Kossacki, V. Ciulin, M. Kutrowski, J. D. Ganiere, T. Wojtowicz, and B. Deveaud,
Physica Status Solidi B **229**, 659 (2002).
332. „Spin relaxation of negatively charged excitons in CdTe quantum wells”,
V. Ciulin, P. Kossacki, M. Kutrowski, J. D. Ganiere, T. Wojtowicz, and B. Deveaud,
Physica Status Solidi B **229**, 627 (2002).
333. „Elimination of parallel transport in modulation-doped CdTe/CdMgTe:I heterostructures”,
D. Wasik, M. Baj, J. Siwiec-Matuszyk, T. Wojtowicz, E. Janik, and G. Karczewski,
Physica Status Solidi B **229**, 183 (2002).
334. „Spin-lattice relaxation study in diluted magnetic semiconductor quantum wells and quantum dots”,
A. V. Scherbakov, D. R. Yakovlev, A. V. Akimov, W. Ossau, L. W. Molenkamp, T. Wojtowicz, G.
Karczewski, J. Kossut, J. Cibert, S. Tatarenko, Y. Oka, and I. Souma,
Physica Status Solidi B **229**, 723 (2002).
335. „Spectral anomalies of exciton photoluminescence at $\nu = 1$ and $2/3$ in a modulation-doped n-type
CdTe/(Cd,Mg,Mn)Te single quantum well”,
H. Yokoi, Y. Kakudate, S. Fujiwara, Y. Kim, S. Takeyama, G. Karczewski, T. Wojtowicz, and J. Kossut,
Physica Status Solidi B **229**, 681 (2002).
336. „Luminescence spectra in II-VI quantum Hall systems at high magnetic fields up to 35 T”,
Y. Imanaka, T. Takamasu, G. Kido, G. Karczewski, T. Wojtowicz, and J. Kossut,
Physica Status Solidi B **229**, 745 (2002).
337. „Trions and excitons in CdTe quantum wells: lifetimes, coherence, diffusion and localization”,
M. T. Portella-Oberli, V. Ciulin, S. Haacke, J. Ganiere, P. Kossacki, M. Kutrowski, T. Wojtowicz, and B.
Deveaud,
Physica Status Solidi B **234**, 294 (2002).

338. „*Nonlinear optical dynamics of excitons and trions*”,
M. T. Portella-Oberli, V. Ciulin, M. Kutrowski, T. Wojtowicz, and B. Deveaud,
Physica Status Solidi B **238**, 513 (2003).
339. „*ZnCdSe quantum structures by (110)-cleaved-edge overgrowth: MBE growth and μ -PL characterization*”,
L. V. Titova, G. Cywinski, M. Kutrowski, T. Wojtowicz, X. Liu, J. K. Furdyna, and Dobrowolska,
Physica Status Solidi B **241**, 519 (2004).
340. „*Quantum Hall ferromagnetism in II-VI based alloys*”,
J. Jaroszynski, T. Andrearczyk, G. Karczewski, J. Wrobel, T. Wojtowicz, E. Papis, E. Kaminska, A.
Piotrowska, D. Popovic, and T. Dietl,
Physica Status Solidi B **241**, 712 (2004) – **invited**.
341. „*Optical probing of spin-dependent interactions in II-VI semiconductor structures*”,
J. A. Gaj, J. Cibert, D. Ferrand, A. Golnik, M. Goryca, G. Karczewski, P. Kossacki, J. Kossut, K. Kowalik,
O. Krebs, A. Kudelski, M. Kutrowski, A. Lemaitre, W. Maślana, M. Nawrocki, W. Pacuski, P. Płochocka, P.
Senellart, S. Tatarenko, P. Voisin, and T. Wojtowicz,
Physica Status Solidi B **243**, 906 (2006), - **invited**.
342. „*Electron spin dephasing in n-doped CdTe/(Cd,Mg)Te quantum wells*”,
R. Bratschitsch, Z. Chen, S. T. Cundiff, D. R. Yakovlev, G. Karczewski, T. Wojtowicz, and J. Kossut,
Physica Status Solidi B **243**, 2290 (2006).
343. „*Nanosecond spin memory of electrons in CdTe/CdMgTe quantum wells*”,
G. V. Astakhov, T. Kiessling, D. R. Yakovlev, E. A. Zhukov, M. Bayer, W. Ossau, B. P. Zakharchenya, G.
Karczewski, T. Wojtowicz, and J. Kossut,
Physica Status Solidi B **243**, 858 (2006).
344. „*Spin coherence of two-dimensional electron gas in CdTe/(Cd,Mg)Te quantum wells*”,
E. A. Zhukov, D. R. Yakovlev, M. Bayer, G. Karczewski, T. Wojtowicz, and J. Kossut,
Physica Status Solidi B **243**, 878 (2006).
345. „*Cyclotron resonance in II-VI semiconductors at THz region*”,
Y. Imanaka, T. Takamasu, K. Takehana, M. Oshikiri, G. Kido, H. Nojiri, Y. H. Matsuda, H. Arimoto, S.
Takeyama, N. Miura, G. Karczewski, T. Wojtowicz, and J. Kossut,
Physica Status Solidi B **243**, 939 (2006).
346. „*Excitons in motion: universal dependence of the magnetic moment on kinetic energy*”,
V. P. Kochereshko, L. C. Smith, J. J. Davies, R. T. Cox, A. Platonov, D. Wolverson, H. Boukari, H.
Mariette, J. Cibert, M. Wiater, T. Wojtowicz, and G. Karczewski,
Physica Status Solidi B **245**, 1059 (2008).
347. „*Sub-ns electrical control of spin polarization in a semiconductor by microscale current loops*”,
Y. S. Chen, M. Wiater, G. Karczewski, T. Wojtowicz, and G. Bacher,
Physica Status Solidi B **247**, 1505 (2010).
348. „*Excitons in motion in II-VI semiconductors*”,
J. J. Davies, L. C. Smith, D. Wolverson, V. P. Kochereshko, J. Cibert, H. Mariette, H. Boukari, M. Wiater,
G. Karczewski, T. Wojtowicz, A. Gust, C. Kruse, and D. Hommel,
Physica Status Solidi B **247**, 1521 (2010).
349. „*Spin properties of trions in a dense 2DEG*”,
V. Kochereshko, L. Besombes, H. Mariette, T. Wojtowicz, G. Karczewski, and J. Kossut,
Physica Status Solidi B **247**, 1531 (2010).

350. „*Selected optical properties of core/shell ZnMnTe/ZnO nanowire structures*”,
K. Gas, E. Janik, W. Zaleszczyk, E. Dynowska, M. Kutrowski, A. Kamińska, J.F. Morhange, Ł. Wachnicki,
T. Wojciechowski, R. Hołyst, M. Godlewski, E. Guziewicz, T. Wojtowicz, W. Szuszkiewicz,
Physica Status Solidi B **248**, 1592 (2011).
351. „*Localization of neutral and charged excitons in (Cd,Mn)Te quantum well: a microphotoluminescence study*”,
J. A. Gaj, A. Golnik, P. Kossacki, K. Kowalik, W. Masłana, M. Kutrowski, and T. Wojtowicz,
Physica Status Solidi C **1**, 831 (2004).
352. „*Magnetic field controlled in-plane optical anisotropy in parabolic (Cd,Mn,Mg)Te quantum wells*”,
A. Kudelski, K. Kowalik, J. Kasprzak, A. Golnik, J. A. Gaj, T. Wojtowicz, and G. Cywinski,
Physica Status Solidi C **1**, 965 (2004).
353. „*Correlated dynamics of trions and excitons in modulation-doped CdTe quantum wells*”,
M. T. Portella-Oberli, V. Ciulin, J. H. Berney, M. Kutrowski, T. Wojtowicz, and B. Deveaud,
Physica Status Solidi C **1**, 484 (2004).
354. „*Identification of singlet and triplet states of negatively charged excitons in CdTe-based quantum wells*”,
G. V. Astakhov, D. R. Yakovlev, S. A. Crooker, W. Ossau, P. C. M. Christianen, V. V. Rudenkov, G.
Karczewski, T. Wojtowicz, and J. Kossut,
Physica Status Solidi C **1**, 551 (2004).
355. „*Persistent changes of electrical properties of CdTe/CdMgTe heterostructures induced by multiple cooling-heating temperature cycles and hydrostatic pressure*”,
D. Wasik, Z. Adamus, M. Baj, J. Siwiec-Matuszyk, T. Wojtowicz, E. Janik, and J. Kossut,
Physica Status Solidi C **1**, 751 (2004).
356. „*Effect of hydrostatic pressure on the transport properties in magnetic semiconductors*”,
M. Csontos, G. Mihaly, B. Janko, T. Wojtowicz, W. L. Lim, X. Liu, and J. K. Furdyna,
Physica Status Solidi C **1**, 3571 (2004).
357. „*Influence of carriers on magnetization relaxation in (Cd,Mn)Te quantum wells*”,
M. Goryca, D. Ferrand, P. Kossacki, M. Nawrocki, W. Pacuski, W. Małłana, S. Tatarenko, T. Wojtowicz,
G. Karczewski, and J. Cibert,
Physica Status Solidi C **4**, 307 (2007).
358. „*Electrical and optical charging of CdTe quantum dots*”,
Ł. Kłopotowski, A. Kudelski, P. Wojnar, O. Krebs, P. Voisin, G. Karczewski, and T. Wojtowicz,
Physica Status Solidi C **5**, 2516 (2008).
359. „*Many body effects in the optical behavior of quantum well excitons*”,
V. P. Kochereshko, D. A. Andronikov, A. A. Klochikhin, S. A. Crooker, G. Karczewski, and
J. Kossut,
Physica Status Solidi C **5**, 2404 (2008).
360. „*TEM characterization of VLS-grown ZnTe nanowires*”,
H. Kirmse, W. Neumann, S. Kret, P. Dłużewski, E. Janik, G. Karczewski, and T. Wojtowicz,
Physica Status Solidi C **5**, 3780 (2008).
361. „*Raman spectroscopy of MBE-grown ZnTe-based nanowires*”,
W. Szuszkiewicz, J. F. Morhange, E. Janik, W. Zaleszczyk, G. Karczewski, and T. Wojtowicz,
Physica Status Solidi C **6**, 2047 (2009).

362. „*Surprising stability of the trion against the free carrier screening*”,
A. A. Klochikhin, V. P. Kochereshko, L. Besombes, G. Karczewski, T. Wojtowicz, and J. Kossut,
Physica Status Solidi C **7**, 1661 (2010).
363. „*Effects of motion on exciton magnetic properties*”,
V. P. Kochereshko, J. J. Davies, L. C. Smith, D. Wolverson, H. Mariette, H. Boukari, M. Wiater, G.
Karczewski, and T. J. Wojtowicz,
Physica Status Solidi C **8**, 1173 (2011).
364. *Exciton – Mn exchange interactions as a function of translational wavevector in Cd_{1-x}Mn_xTe quantum wells*”,
C. Rice, L. C. Smith, J. J. Davies, D. Wolverson, M. Wiater, G. Karczewski, and T. Wojtowicz,
Physica Status Solidi C **9**, 1826 (2012).
365. „*Interface inversion asymmetry in Cd_{1-x}Mn_xTe quantum wells*”,
C. Rice, D. Wolverson, A. Moskalenko, S. J. Bending, G. Karczewski, and T. Wojtowicz,
Physica Status Solidi C **9**, 1783 (2012).
366. „*Identification of recombination centers responsible for reduction of energy conversion efficiency in CdTe-based solar cells*”,
G. Karczewski, S. Chusnutdinov, K. Olender, T. Wosiński, T. Wojtowicz,
Physica Status Solidi C **11** (7-8), 1296-1299, (2014).
367. „*Strong sp-d exchange coupling in ZnMnTe/ZnMgTe core/shell nanowires*”,
P. Wojnar, E. Janik, J. Suffczyński, J. Papierska, M. Szymura, W. Zaleszczyk, S. Kret, Ł. Kłopotowski, T.
Wojciechowski, L. Baczewski, M. Wiater, G. Karczewski, T. Wojtowicz, J. Kossut,
Physica Status Solidi C **11** (7-8), 1308-1311, (2014).
368. „*Raman scattering as a tool to characterize semiconductor crystals, thin layers, and low-dimensional structures containing transition metals*”,
W. Szuszkiewicz, M. Jouanne, J.F. Morhange, M. Kanehisa, E. Dynowska, K. Gas, E. Janik, G. Karczewski,
R. Kuna, T. Wojtowicz,
Physica Status Solidi B **251** (6), 1133-1143, (2014).
369. „*Influence of nonequilibrium phonons on exciton luminescence in CdTe/CdMnTe quantum wells*”,
A. V. Shcherbakov, A. V. Akimov, V. P. Kochereshko, D. R. Yakovlev, W. Ossau, G. Landwehr, T.
Wojtowicz, G. Karczewski, and J. Kossut,
Physics of the Solid State **40**, 750 (1998).
370. „*Trions in quantum-well structures with two-dimensional electron gas*”,
D. B. Turchinovich, V. P. Kochereshko, D. R. Yakovlev, W. Ossau, G. Landwehr, T. Wojtowicz, G.
Karczewski, and J. Kossut,
Physics of the Solid State **40**, 747 (1998).
371. „*Orthorhombic symmetry of valence-band states in CdTe/Cd_{1-x}Mn_xTe quantum wells*”,
I. G. Aksyanov, A. V. Kudinov, Yu. G. Kusrayev, B. P. Zakharchenya, T. Wojtowicz, G. Karczewski, and J.
Kossut,
Physics of the Solid State **41**, 820 (1999).
372. „*Manifestation of outgoing resonance in stokes and anti-stokes spectra of ZnTe and ZnMgTe quantum wires*”,
N. N. Mel'nik, T. N. Zavaritskaya, I. V. Kucherenko, T. Wojtowicz, E. Janik, and O. S. Plyashechnik,
Physics of the Solid State **53**, 1722 (2011).

373. „*Exchange splitting of acceptor level in open gap HgMnTe*”,
J. Wrobel, T. Wojtowicz, A. Mycielski, F. Kuchar, R. Meisels, A. Raymond, and J. L. Robert,
Proc. 18-th Int. Conf. on Physics of Semiconductors, Stockholm 1986, ed. O. Engstrom (World Scientific, Singapore, 1987) p. 1795 (1987).
374. „*Influence of magnetic impurities on conductivity near metal-insulator transition: n-Cd(1-x)Mn(x)Se*”,
M. Sawicki, T. Wojtowicz, T. Dietl, J. Jaroszynski, W. Plesiewicz, and J. Igalson,
Proc. 18-th Int. Conf. on Physics of Semiconductors, Stockholm 1986, ed. O. Engstrom (World Scientific, Singapore, 1987) p. 1265 (1987).
375. „*Magneto-optical Resonances in HgTe-CdTe Superlattices*”,
J. R. Meyer, F. J. Bartoli, C. A. Hoffman, M. Dobrowolska, T. Wojtowicz, J. K. Furdyna, and L. R. Ram-Mohan,
Proc. 20-th Int. Conf. on Phys. of Semiconductors, ed. E. M. Anastassakis and J. D. Joannopoulos (World Scientific, Singapore, 1990) p. 1170 (1990).
376. „*Application of the photomemory effect in Cd(1-x)Mn(x)Te(1-y)Se(y):In for direct measurements of magnetization of bound magnetic polarons*”,
T. Wojtowicz, S. Kolesnik, I. Miotkowski, and J. K. Furdyna,
Proc. 21-st Int. Conf. on Physics of Semiconductors, Beijing, 1992, ed. Ping Jiang and Hou-Zhi Zheng (World Scientific, Singapore, 1992) p. 1909 (1992).
377. „*High Hydrostatic Pressure Effects on the Exciton Spin States in CdTe/Cd(1-x)Mn(x)Te Single Quantum Wells*”,
H. Yokoi, Y. Kakudate, T. Schmiedel, S. Tozer, E. D. Jones, S. Takeyama, T. Wojtowicz, G. Karczewski, and J. Kossut,
Proc. 23-rd Int. Conf. on The Phys. of Semiconductors, Berlin, Germany 1996, Ed. M. Scheffler and R. Zimmermann, (World Scientific, 1996), p. 2039 (1996).
378. „*DX Centers in CdTe:In Layers Grown by MBE*”,
A. K. Zakrzewski, L. Dobaczewski, T. Wojtowicz, J. Kossut, and G. Karczewski,
Proc. 23-rd Int. Conf. on The Phys. of Semiconductors, Berlin, Germany 1996, Ed. M. Scheffler and R. Zimmermann, (World Scientific, 1996), p. 3005 (1996).
379. „*Raman scattering by magnons in MBE-grown Cd(1-x)Mn(x)Te layers*”,
W. Szuszkiewicz, E. Dynowska, A. Gebicki, E. Janik, M. Jouanne, G. Karczewski, J. Kossut, and T. Wojtowicz,
Proc. 23-rd Int. Conf. on The Phys. of Semiconductors, Berlin, Germany 1996, Ed. M. Scheffler and R. Zimmermann, (World Scientific, 1996), p. 385 (1996).
380. „*Strain Relaxation of ZnTe/CdTe and CdTe/ZnTe Heterostructures: an In-situ Study*”,
F. Riesz, S. Kret, T. Wojtowicz, G. Karczewski, and J. Kossut,
Proc. 24-th Int. Conf. on Microelectronics, MIEL'96, Nova Gorica, Slovenia, 1996, p. 409 (1996).
381. „*Excitons and Negatively Charged Excitons as Intermediate States for Spin-Flip Raman Scattering in Modulation-Doped Quantum Wells*”,
A. Keller, M. Dahl, K. Schmid, J. Geurts, D. R. Yakovlev, T. Wojtowicz, G. Karczewski, and J. Kossut,
Proc. 24-th Int. Conf. on Phys. of Semicond. , Jerusalem 1998 , Ed. Dawid Gershoni, World Scientific, Singapore (1999).
382. „*Optical Properties of CdTe/ZnTe Self-Assembled Quantum Dots versus CdTe/ZnTe Strained Quantum Wells*”,
G. Karczewski, S. Mackowski, T. Wojtowicz, and J. Kossut,
Proc. 24-th Int. Conf. on Phys. of Semicond. , Jerusalem 1998 , Ed. Dawid Gershoni, World Scientific, Singapore (1999).

383. „*Transport in Heterostructures and Wires of Modulation -Doped Cd(1-x)Mn(x)Te/Cd(1-y)Mg(y)Te:I* „, J. Jaroszynski, G. Karczewski, J. Wrobel, T. Andrearczyk, A. Strycharczuk, T. Wojtowicz, J. Kossut, T. Dietl, E. Papis, E. Kaminska, and A. Piotrowska, Proc. 24-th Int. Conf. on Phys. of Semicond. , Jerusalem 1998 , Ed. Dawid Gershoni, World Scientific, Singapore (1999).
384. „*Cyclotron Resonance and Photoluminescence of CdMnTe/CdMgTe Modulation Doped Quantum Wells*”, M. L. Sadowski, F. J. Teran, M. Potemski, G. Karczewski, M. Kutrowski, J. Jaroszynski, and T. Wojtowicz, Proc. 24-th Int. Conf. on Phys. of Semicond. , Jerusalem 1998 , Ed. Dawid Gershoni, World Scientific, Singapore (1999).
385. „*Exciton-electron interactions in CdTe/CdMgTe modulation-doped quantum wells*”, D. R. Yakovlev, V. Kochereshko, W. Ossau, G. Landwehr, P. C. M. Christianen, J. C. Maan, T. Wojtowicz, G. Karczewski, and J. Kossut, Proc. 24-th Int. Conf. on Phys. of Semicond. , Jerusalem 1998 , Ed. Dawid Gershoni, World Scientific, Singapore (1999).
386. „*Excitonic Trions in Cd(1-x)Mn(x)Te/Cd(1-y)Mg(y)Te Modulation Doped Quantum Structures*”, T. Wojtowicz, M. Kutrowski, G. Karczewski, and J. Kossut, Proc. 24-th Int. Conf. on Phys. of Semicond. , Jerusalem 1998 , Ed. Dawid Gershoni, World Scientific, Singapore (1999).
387. „*Use of bistable centers in semiconductors for holographic recording*”, A. Suchocki and B. Koziarska-Glinka, Proc. 24-th Int. Conf. on Phys. of Semicond. , Jerusalem 1998 , Ed. Dawid Gershoni, World Scientific, Singapore (1999).
388. „*Photoluminescence and Cyclotron Resonance in CdTe and CdMnTe 2DEG at High Magnetic Fields*”, Y. Imanaka, T. Takamasu, G. Kido, G. Karczewski, T. Wojtowicz, and J. Kossut, Proc. 4th Int. Symposium on Advanced Physical Fields: Quantum Phenomena in Advanced Materials at High Magnetic Fields, p. 111 (1999).
389. „*Recombination Processes in Indium Doped CdMnTe/CdTe Multiple Quantum Well Structures Grown by MBE*”, J. P. Bergman, B. Monemar, H. Godlewski, T. Wojtowicz, G. Karczewski, and J. Kossut, Proc. 7th Int. Conf. on Phys. of Shallow-Level Centres in Semiconductors, Amsterdam 1996, Eds. C. A. J. Ammerlaan and B. Pajot, (World Scientific, Singapore 1997) p. 221 (1997).
390. „*Resonant Polaron Effect of Shallow Indium Donors in CdTe*”, M. Grynberg, S. Huan, M. L. Sadowski, G. Martinez, J. Kossut, T. Wojtowicz, G. Karczewski, J. M. Shi, F. M. Peeters, and J. T. Devreese, Proc. 7th Int. Conf. on Phys. of Shallow-Level Centres in Semiconductors (Amsterdam 1996), Eds. C. A. J. Ammerlaan and B. Pajot, (World Scientific, Singapore 1997) p. 1 (1997) - **invited**.
391. „*Magnetic field dependence of acceptor binding energy in open gap HgMnTe: photo- and magnetoconductivity*”, J. Wrobel, T. Wojtowicz, A. Mycielski, A. Raymond, J. L. Robert, F. Kuchar, and R. Meisels, Proc. Int. Conf. on High Magnetic Fields in Semiconductor Physics, ed. G. Landwehr (Springer, Berlin 1987) p. 427 (1987).
392. „*Magnetic Field Driven Insulator-to-Metal Transition in Semimagnetic Semiconductors*”, T. Wojtowicz, M. Sawicki, T. Dietl, W. Plesiewicz, and J. Jaroszynski, Proc. Int. Conf. on High Magnetic Fields in Semiconductor Physics, ed. G. Landwehr (Springer, Berlin 1987) p. 442 (1987).

393. „*Optical Characterization of cubic MnTe and CdMnTe layers by the Raman scattering investigations*”, W. Szuszkiewicz, M. Jouanne, E. Dynowska, E. Janik, G. Karczewski, J. Kossut, T. Wojtowicz, and A. Gebicki, Proc. Int. Conf. Semicond. Heteroepitaxy, Montpellier 1995, ed. by B. Gil and R. L. Aulombard, (World Scientific, 1995), p. 198 (1995).
394. „*Exciton Magnetic Polarons in Strongly Confined CdTe/(CdMn)Te Quantum Wells*”, G. Mackh, W. Ossau, D. R. Yakovlev, R. Hellmann, E. O. Gobel, G. Karczewski, J. Kossut, and G. Landwehr, Proc. Int. Conf. Semicond. Heteroepitaxy, Montpellier 1995, ed. by B. Gil and R. L. Aulombard (World Scientific, 1995), p. 210 (1995).
395. „*Exciton Magneto-optical Study on New Diluted Magnetic Semiconductor Super-Structures CdZnTe/CdMnZnTe*”, S. Takeyama, G. Grabecki, S. Adachi, Y. Takagi, T. Wojtowicz, G. Karczewski, and J. Kossut, Proc. Int. Conf. Semicond. Heteroepitaxy, Montpellier 1995, ed. by B. Gil and R. L. Aulombard (World Scientific, 1995), p. 214 (1995).
396. „*Pressure effect on spin exchange interaction between excitons and magnetic ions in a CdTe/Cd(1-x)Mn(x)Te single quantum well structure*”, H. Yokoi, S. Takeyama, Y. Kakudate, S. Usuba, R. Katoh, S. Fujiwara, T. Schmiedel, S. Tozer, E. D. Jones, T. Wojtowicz, G. Karczewski, and J. Kossut, Proc. of 11th Int. Conf. on Ternary and Multinary Compounds, ICTMC-11, Salford, UK 1997, ed. by R. D. Tomlinson, A. E. Hill and R. D. Pilkington, Inst. Phys. Conf. Ser. No 152: Section G: Magnetic Materials (IOP Publishing Ltd, Bristol, 1998), p. 819 (1998).
397. „*Strip-line technique in the far-infrared region, cyclotron resonance in p-PbSe with high carrier concentration*”, T. Wojtowicz and W. Knap, Proc. of the 10-th Conf. on Phys. of Semiconducting Compounds, Jaszowiec, Poland 1980, in Proc. of Conferences in Physics, Vol. 2, ed. J. M. Langer (Ossolineum), p. 233 (1981).
398. „*The cyclotron resonance in Pb(1-x)Mn(x)Te investigated using strip-line technique*”, M. Gorska, T. Wojtowicz, W. Knap, and K. Pastor, Proc. of the 11-th Conf. on Phys. of Semiconducting Compounds, Jaszowiec, Poland 1981, in Proc. of Conferences in Physics, Vol. 4, ed. J. M. Langer (Ossolineum), p. 192 (1982).
399. „*The transport properties of the open gap Hg(1-x)Mn(x)Te mixed crystals*”, T. Wojtowicz and A. Mycielski, Proc. of the 11-th Conf. on Phys. of Semiconducting Compounds, Jaszowiec, Poland 1981, in Proc. of Conferences in Physics, Vol. 4, ed. J. M. Langer (Ossolineum), p. 326 (1982).
400. „*Spin tracing: a tool of interface characterization in structures with semimagnetic semiconductors*”, J. Gaj, P. Kossacki, Nguyen-The-Khoi, J. Cibert, W. Grieshaber, Y. M. D'Aubigne, G. Karczewski, and J. Kossut, Proc. SPIE Conf. on Laser and Optoelectronics, San Jose 1995, ed. by M. Razeghi, Y. S. Park, G. L. Witt, Vol. 2397, p. 105 (1995) - **invited**.
401. „*Determination of Mn concentration profile in Cd(1-x)Mn(x)Te quantum wells with trapezoid confined potential by HRTEM*”, S. Kret, G. Cywinski, T. Wojtowicz, J. Kossut, C. Delamarre, J. Y. Laval, A. Dubon, and G. Schiffmacher, Proc. X Conference on Electron Microscopy of Solids, Warsaw-Serock 1999, p. 167 (1999).

402. „Exciton-phonon interaction in the limit of strong localisation effects”,
R. Narkowicz, T. Wojtowicz, and H. Godlewski,
Proc. XXVIII International School of Semiconducting Compounds, Jaszowiec 1999, p. 192 (1999).
403. „Magneto-reflectivity studies of QWs with a 2DEG of low density”,
G. V. Astakhov, V. Kochereshko, D. R. Yakovlev, W. Ossau, J. Nurnberger, and W. Faschinger,
Proc. XXVIII International School of Semiconducting Compounds, Jaszowiec 1999, p. 104 (1999).
404. „Faraday effect in quantum wells: perspectives for an optical isolator”,
W. Mac, W. Maslana, A. Golnik, J. Gaj, G. Karczewski, E. Janik, and T. Wojtowicz,
Proc. XXVIII International School of Semiconducting Compounds, Jaszowiec 1999, p. 210 (1999).
405. „Search for the Anomalous Two-Dimensional Metallic Phase in CdMnTe/CdMgTe Heterostructures”,
T. Andrearczyk, J. Jaroszynski, J. Wrobel, G. Karczewski, T. Wojtowicz, T. Dietl, E. Papis, E. Kaminska,
and A. Piotrowska,
Proc. XXVIII International School of Semiconducting Compounds, Jaszowiec 1999, p. 116 (1999).
406. „Magneto-optical Studies of Exciton Tunneling in Asymmetric Double Quantum Well Structures”,
L. Klopotoski, M. Nawrocki, G. Cywinski, S. Mackowski, E. Janik, and T. Wojtowicz,
Proc. XXVIII International School of Semiconducting Compounds, Jaszowiec 1999, p. 216 (1999).
407. „Nonequilibrium Phonon Studies in the Semimagnetic (Cd,Mn,Mg) Te Quantum Wells”,
A. V. Scherbakov, A. V. Akimov, D. R. Yakovlev, W. Ossau, G. Landwehr, T. Wojtowicz, and G.
Karczewski,
Proc. XXVIII International School of Semiconducting Compounds, Jaszowiec 1999, p. 198 (1999).
408. „Finite-size Scaling of Quantum Hall effect in Nanostructures Containing Magnetic Ions”,
A. Strycharczuk, T. Andrearczyk, J. Jaroszynski, J. Wrobel, G. Karczewski, T. Wojtowicz, and T. Dietl,
Proc. XXVIII International School of Semiconducting Compounds, Jaszowiec 1999, p. 113 (1999).
409. „Cation diffusion in MBE – grown CdTe layers”,
A. Seweryn, A. Barcz, R. Jakiela, T. Wojtowicz, and G. Karczewski,
Proc. XXVIII International School of Semiconducting Compounds, Jaszowiec 1999, p. 79 (1999).
410. „Magnons in Af-III Magnetic Structure – Neutron Scattering Data for Cubic MnTe”,
W. Szuszkiewicz, B. Hennion, E. Dynowska, E. Janik, T. Wojtowicz, and M. Zielinski,
Proc. XXVIII International School of Semiconducting Compounds, Jaszowiec 1999, p. 101 (1999).
411. „High Magnetic Field Photoluminescence Study of Pressure Effect on Spin Exchange Interaction in a
CdTe/Cd(1-x)Mn(x)Te Single Quantum Well Structure”,
H. Yokoi, Y. Kakudate, S. Usuba, R. Katoh, S. Fujiwara, S. Takeyama, T. Schmiedel, S. Tozer, E. D. Jones,
T. Wojtowicz, G. Karczewski, and J. Kossut,
The Review of High Pressure Science and Technology **7**, 766 (1998).
412. „Residual strain in a zinc blende Mn_{1-x}Mg_xTe layers grown by molecular beam epitaxy”,
E. Dynowska, M. J. Bak, E. Janik, J. Trela, and T. Wojtowicz,
Semiconducting and Insulating Materials, 297 (1998).
413. „Far-infrared determination of cyclotron and plasma-shifted cyclotron resonances in thin MBE-grown films
of alpha -Sn”,
T. Wojtowicz, M. Dobrowolska, G. Yang, H. Luo, J. K. Furdyna, L. W. Tu, and G. K. Wong,
Semiconductor Science and Technology **5**, 248 (1990).

414. „*Far-infrared studies of shallow acceptors in p-type HgMnTe*”,
T. Wojtowicz, M. Dobrowolska, and J. K. Furdyna,
Semiconductor Science and Technology **5**, 290 (1990).
415. „*Far-infrared magneto-optical study of holes and electrons in zero-gap HgTe/Cd_{0.85}Hg_{0.15}Te superlattices*”,
M. Dobrowolska, T. Wojtowicz, H. Luo, J. K. Furdyna, O. K. Wu, J. R. Meyer, C. A. Hoffman, F. J. Bartoli,
and L. R. Ram-Mohan,
Semiconductor Science and Technology **5**, 103 (1990).
416. „*Universal conductance fluctuations in submicron wires of Cd_{1-x}Mn_xTe*”,
T. Dietl, J. Jaroszynski, G. Grabecki, J. Wrobel, M. Sawicki, T. Skoskiewicz, E. Kaminska, A. Piotrowska,
G. Karczewski, T. Wojtowicz, and J. Kossut,
Semiconductor Science and Technology **11**, 1618 (1996)- **invited**.
417. „*Temperature variation of the Mn²⁺ luminescence spectra in Cd_{1-x}Mn_xTe crystals*”,
S. Biernacki, M. Kutrowski, G. Karczewski, T. Wojtowicz, and J. Kossut,
Semiconductor Science and Technology **11**, 48 (1996).
418. „*Comparison of optical and HRTEM studies of interdiffusion in CdTe/CdMnTe quantum wells*”,
G. Wypior, S. Kaiser, P. Kossacki, Nguyen-The-Khoi, J. A. Gaj, W. Gebhardt, G. Karczewski,
T. Wojtowicz, and J. Kossut,
Semiconductor Science and Technology **13**, 93 (1998).
419. „*p-ZnTe/n-CdMnTe/n-GaAs diluted magnetic diode for photovoltaic applications*”,
I. S. Yahia, G. B. Sakr, T. Wojtowicz, and G. Karczewski,
Semiconductor Science and Technology **25**, 095001 (2010).
420. „*Cyclotron resonance in Pb_{1-x}Mn_xTe*”,
M. Gorska, T. Wojtowicz, and W. Knap,
Solid State Communications **51**, 115 (1984).
421. „*Exciton magnetic polarons in CdTe/Cd_{1-x}Mn_xTe quantum wells with high manganese contents*”,
G. Mackh, W. Ossau, D. R. Yakovlev, G. Landwehr, R. Hellmann, E. O. Gobel, T. Wojtowicz, G.
Karczewski, and J. Kossut,
Solid State Communications **96**, 297 (1995).
422. „*Interface characterisation in (Cd,Mn)Te quantum wells and superlattices*”,
P. Kossacki, Nguyen-The-Khoi, J. A. Gaj, G. Karczewski, T. Wojtowicz, J. Kossut, and K. V. Rao,
Solid State Communications **94**, 439 (1995).
423. „*Fine structure of exciton levels in CdTe/CdMgTe quantum wells*”,
Yu. G. Kusrayev, B. P. Zakharchenya, G. Karczewski, T. Wojtowicz, and J. Kossut,
Solid State Communications **104**, 465 (1997).
424. „*Influence of strain and repeated annealing on interface mixing in annealed CdTe/CdMnTe quantum wells*”,
P. Kossacki, N. T. Khoi, J. A. Gaj, M. Kutrowski, M. Surma, G. Karczewski, T. Wojtowicz, and M.
Guziewicz,
Solid State Communications **103**, 619 (1997).
425. „*Influence of capping on manganese diffusion in CdTe/CdMnTe quantum well structures*”,
S. Mackowski, Nguyen-The-Khoi, A. Golnik, P. Kossacki, J. A. Gaj, E. Kaminska, A. Piotrowska, G.
Karczewski, T. Wojtowicz, and J. Kossut,
Solid State Communications **107**, 267 (1998).

426. „Population effects in magnetoabsorption of D^0X centers in $Cd_{1-x}Mn_xTe$ ”,
A. Kudelski, J. A. Gaja, T. Wojtowicz, G. Karczewski, and G. Cywinski,
Solid State Communications **112**, 173 (1999).
427. „Microluminescence from a diluted magnetic semiconductor quantum well in a proximity of an iron micromagnet”,
A. Kudelski, K. Fronc, J. Wrobel, S. Mackowski, G. Cywinski, M. Aleszkiewicz, F. Kyrychenko, T. Wojtowicz, J. Kossut, and J. Gaj,
Solid State Communications **120**, 35 (2001).
428. „Excitonic resonant spin-flip Raman scattering in $Cd_{1-x}Mn_xTe$ multilayers”,
A. Golnik, A. Kudelski, J. A. Gaj, T. Ruf, T. Wojtowicz, G. Karczewski, and G. Cywinski,
Solid State Communications **118**, 509 (2001).
429. „In-plane optical anisotropy of parabolic and half-parabolic $Cd(1-x)Mn(x)Te$ quantum wells”,
K. Kowalik, A. Kudelski, J. A. Gaj, T. Wojtowicz, O. Krebs, and P. Voisin,
Solid State Communications. **126**, 467 (2003).
430. „Microphotoluminescence study of local temperature fluctuations in n-type $(Cd,Mn)Te$ quantum well”,
A. Golink, P. Kossacki, K. Kowalik, W. Maslana, J. A. Gaj, M. Kutrowski, and T. Wojtowicz,
Solid State Communications **131**, 283 (2004).
431. „Rapid thermal processing of semimagnetic superstructures studied by magnetorefectivity”,
P. Kossacki, Nguyen-The-Khoi, J. A. Gaj, G. Karczewski, T. Wojtowicz, E. Janik, A. Zakrzewski, M. Kutrowski, and J. Kossut,
Superlattices and Microstructures **16**, 63 (1994).
432. „Characterization of MBE grown $Cd_{1-x}Mn_xTe$ structures by SQUID magnetometry”,
M. Sawicki, S. Kolesnik, T. Wojtowicz, G. Karczewski, E. Janik, M. Kutrowski, A. Zakrzewski, T. Dietl,
and J. Kossut,
Superlattices and Microstructures **15**, 475 (1994).
433. „Electron spin relaxation in very diluted $CdMnTe$ quantum wells”,
S. Cronenberger, P. Barate, A. Brunetti, M. Vladimirova, D. Scalbert, F. J. Teran, G. Karczewski, and T. Wojtowicz,
Superlattices and Microstructures **43**, 427 (2008).
434. „Local definition of spin polarization in a semiconductor by macro-scale current loops”
Y. S. Chen, S. Halm, T. Kümmell, G. Bacher, M. Wiater, T. Wojtowicz, and
G. Karczewski
Journal of Superconductivity and Novel Magnetism **23**, 111 (2010).
435. „Conductance fluctuations in nanostructures of doped $CdTe$ and $Cd_{1-x}Mn_xTe$ epilayers”,
J. Jaroszynski, J. Wrobel, M. Sawicki, T. Skoskiewicz, G. Karczewski, T. Wojtowicz, J. Kossut, T. Dietl, E. Kamitiska, E. Papis, and A. Piotrowska,
Surface Science **361-362**, 718 (1996).
436. „Structural properties of cubic $MnTe$ layers grown by MBE”,
E. Janik, E. Dynowska, M. J. Bak, M. Leszczynski, W. Szuszkiewicz, T. Wojtowicz, G. Karczewski, A. K. Zakrzewski, and J. Kossut,
Thin Solid Films **267**, 74 (1995).
437. „Band structure of MBE-grown $ZB-MnTe/CdTe$ -optical and photoemission studies”,
B. J. Kowalski, E. Guziewicz, B. A. Orłowski, E. Janik, G. Karczewski, T. Wojtowicz, J. Kossut, T. Van

- Gemmeren, T. Buslaps, and R. L. Johnson,
Thin Solid Films **267**, 69 (1995).
438. „*Properties of epitaxially grown CdTe layers doped with indium*”,
G. Karczewski, A. K. Zakrzewski, L. Dobaczewski, W. Dobrowolski, E. Grodzicka, J. Jaroszynski, T. Wojtowicz, and J. Kossut,
Thin Solid Films **267**, 79 (1995).
439. „*Luminescence study of CdTe/Cd_{1-x}Mn_xTe quantum wells grown by MBE*”,
M. Kutrowski, K. Kopalko, G. Karczewski, T. Wojtowicz, and J. Kossut,
Thin Solid Films **267**, 64 (1995).
440. „*Excitons in novel diluted magnetic semiconductor quantum structures*”,
T. Wojtowicz, G. Karczewski, and J. Kossut,
Thin Solid Films **306**, 271 (1997)- **invited**.
441. „*Fabrication and magnetoconductance studies on submicron wires and films of MBE grown CdTe:In*”,
J. Jaroszynski, J. Wrobel, R. Nowakowski, R. Dus, E. Papis, E. Kaminska, A. Piotrowska, G. Karczewski, T. Wojtowicz, M. Sawicki, T. Skoskiewicz, and T. Dietl ,
Thin Solid Films **306**, 291 (1997).
442. „*Growth by molecular beam epitaxy and magnetooptical studies of (100)- and (120)-oriented digital magnetic quantum well structures*”,
M. Kutrowski, G. Karczewski, G. Cywinski, M. Surma, K. Graszka, E. Lusakowska, J. Kossut, T. Wojtowicz, R. Fiederling, D. R. Yakovlev, G. Mackh, U. Zehnder, and W. Ossau,
Thin Solid Films **306**, 283 (1997).
443. „*Influence of MBE growth conditions on optical properties of CdTe/ZnTe quantum structures*”,
S. Mackowski, G. Karczewski, F. Kyrychenko, T. Wojtowicz, and J. Kossut,
Thin Solid Films **367**, 210 (2000).
444. „*Cation diffusion in MBE-grown CdTe layers*”,
A. Seweryn, T. Wojtowicz, G. Karczewski, A. Barcz, and R. Jakiela ,
Thin Solid Films **367**, 220 (2000).
445. „*Interaction effects near the metal-insulator transition in semimagnetic semiconductors*”,
T. Dietl, M. Sawicki, T. Wojtowicz, J. Jaroszynski, W. Plesiewicz, L. Swierkowski, and J. Kossut,
Anderson Localization **58** (1988).
446. „*Pressure induced quenching of exciton photoluminescence and its recovery by magnetic field in cadmium telluride/cadmium manganese telluride quantum wells*”,
H. Yokoi, S. W. Tozer, Y. Kakudate, S. Usuba, Y. Kim, S. Takeyama, T. Wojtowicz, G. Karczewski, and J. Kossut,
Materials Transactions, JIM **41**, 1052 (2000).
447. „*Luminescence properties of II-VI quantum Hall systems at high magnetic fields*”,
Y. Imanaka, T. Takamasu, G. Kido, G. Karczewski, T. Wojtowicz, and J. Kossut,
Microelectronic Engineering **63**, 69 (2002).
448. „*Radiative lifetimes of negatively charged excitons in CdTe quantum wells*”,
V. Ciulin, P. Kossacki, M. Kutrowski, A. Esser, S. Haacke, J. D. Ganiere, T. Wojtowicz, and B. Deveaud,
Conference Digest **1** (2000).

449. „*In-depth and in-plane profiling of light emission properties from semiconductor-based heterostructures*”, M. Godlewski, T. Wojtowicz, M. Godlewski, E. M. Goldys, M. R. Phillips, R. Czernecki, P. Prystawko, M. Leszczynski, P. Perlin, I. Grzegory, S. Porowski, T. Böttcher, S. Figge, and D. Hommel, *Opto-electronics Review* **12**, 353 (2004).
450. „*TEM characterization of MBE grown CdTe/ZnTe axial nanowires*”, P. Dłuzewski, E. Janik, S. Kret, W. Zaleszczyk, D. Tang, G. Karczewski, and T. Wojtowicz, *Journal of Microscopy* **237**, 337 (2010).
451. „*An unusual magnetic field dependence of the acceptor ionization energy in $Hg_{1-x}Mn_xTe$* ”, T. Wojtowicz and A. Mycielski, *Acta Physica Polonica A* **67**, 363 (1985).
452. „*Magnetic field induced nonmetal-metal transition in $Hg_{1-x}Mn_xTe$: transport measurements at very low temperature*”, T. Wojtowicz, M. Sawicki, and W. Plesiewicz, *Acta Physica Polonica A* **69**, 997 (1986).
453. „*Quantum corrections to conductivity in the weakly localized regime*”, M. Sawicki, T. Dietl, T. Wojtowicz, and W. Plesiewicz, *Acta Physica Polonica A* **69**, 1021 (1986).
454. „*Acceptor ionization energy in $Hg_{1-x}Mn_xTe$ in high magnetic fields*”, T. Wojtowicz, A. Raymond, and J. L. Robert, *Acta Physica Polonica A* **71**, 215 (1987).
455. „*Nonmetal-metal transition in semimagnetic semiconductors*”, T. Wojtowicz, T. Dietl, M. Sawicki, W. Plesiewicz, and J. Jaroszynski, *Acta Physica Polonica A* **71**, 205 (1987).
456. „*Critical behavior of the Hall coefficient and dielectric constant near the Anderson-Mott transition in semimagnetic semiconductors*”, J. Jaroszynski, T. Dietl, M. Sawicki, T. Wojtowicz, T. Piotrowski, and W. Plesiewicz, *Acta Physica Polonica A* **75**, 245 (1989).
457. „*Far-infrared magneto-optical studies of HgTe-CdTe superlattices in the semimetallic regime*”, T. Wojtowicz, M. Dobrowolska, J. K. Furdyna, J. R. Meyer, F. J. Bartoli, C. A. Hoffman, and L. R. Ram-Mohan, *Acta Physica Polonica A* **80**, 245 (1991)- **invited**.
458. „*Application of photomemory effect in $Cd_{1-x}Mn_xTe_{1-y}Se_y$: In for direct measurements of magnetization of bound magnetic polarons*”, T. Wojtowicz, S. Kolesnik, I. Miotkowski, and J. K. Furdyna, *Acta Physica Polonica A* **82**, 637 (1992).
459. „*Light-controlled transport in doped diluted magnetic semiconductors near localization boundary*”, P. Glod, T. Dietl, T. Wojtowicz, M. Sawicki, and I. Miotkowski, *Acta Physica Polonica A* **84**, 657 (1993).
460. „*Cubic MnTe-growth by molecular beam epitaxy and basic structural characterization*”, A. K. Zakrzewski, E. Janik, E. Dynowska, M. Leszczynski, M. Kutrowski, T. Wojtowicz, G. Karczewski, M. J. Bak, J. Domagala, and J. Kossut, *Acta Physica Polonica A* **87**, 433 (1995).

461. „*Magnetic characterization of molecular beam epitaxy grown $Cd_{1-x}Mn_xTe$ structures*”,
M. Sawicki, S. Kolesnik, T. Wojtowicz, G. Karczewski, E. Janik, M. Kutrowski, A. Zakrzewski, E. Dynowska, T. Dietl, and J. Kossut,
Acta Physica Polonica A **87**, 169 (1995).
462. „ *δ -doped $CdTe/Cd_{1-x}Mn_xTe$ multiple quantum wells investigated by photoreflectance spectroscopy*”,
P. Sitarek, J. Misiewicz, G. Karczewski, T. Wojtowicz, and J. Kossut,
Acta Physica Polonica A **88**, 901 (1995).
463. „*Exciton magneto-optical study on single quantum wells $Cd_{1-x}Zn_xTe/Cd_{1-x-y}Zn_xMn_yTe$* ”,
S. Takeyama, G. Grabecki, S. Adachi, Y. Takagi, T. Wojtowicz, G. Karczewski, and J. Kossut,
Acta Physica Polonica A **88**, 945 (1995).
464. „*Digital magnetic quantum wells for the study of interface sharpness of molecular beam epitaxy grown structures*”,
T. Wojtowicz, G. Karczewski, A. Zakrzewski, M. Kutrowski, E. Janik, E. Dynowska, K. Kopalko, S. Kret, J. Kossut, and J. Y. Laval,
Acta Physica Polonica A **87**, 165 (1995).
465. „*Unusual time dependence of magnetization relaxation in MBE grown epilayer of $CdMnTe$* ”,
A. M. Witowski, H. P. Moll, P. Wyder, G. Karczewski, T. Wojtowicz, and J. Kossut,
Acta Physica Polonica A **88**, 953 (1995).
466. „*Weakly diluted magnetic $CdTe/Cd_{1-x}Mn_xTe$ semiconductor structures grown by MBE*”,
T. Wojtowicz, G. Karczewski, and J. Kossut,
Acta Physica Polonica A **88**, 631 (1995) - **invited**.
467. „*Temperature dependence of energy gap of highly concentrated $Cd_{1-x}Mn_xTe$ ($0.6 < x \leq 1.0$) epilayers*”,
A. Stachow, W. Mac, Nguyen-The-Khoi, A. Twardowski, G. Karczewski, E. Janik, T. Wojtowicz, and J. Kossut,
Acta Physica Polonica A **88**, 913 (1995).
468. „*Spatial correlations of donor charges in MBE $CdTe$* ”,
T. Suski, P. Wisniewski, E. Litwin-Staszewska, D. Wasik, J. Przybytek, M. Baj, G. Karczewski, T. Wojtowicz, A. Zakrzewski, and J. Kossut,
Acta Physica Polonica A **88**, 929 (1995).
469. „*Raman scattering by phonons and magnons in MBE-grown $Cd_{1-x}Mn_xTe$ layers*”,
W. Szuszkiewicz, M. Jouanne, E. Dynowska, E. Janik, G. Karczewski, T. Wojtowicz, and J. Kossut,
Acta Physica Polonica A **88**, 941 (1995).
470. „*Indium doping of $CdTe$ grown by molecular beam epitaxy*”,
G. Karczewski, A. Zakrzewski, M. Kutrowski, J. Jaroszynski, W. Dobrowolski, E. Grodzicka, E. Janik, T. Wojtowicz, J. Kossut, and A. Barcz,
Acta Physica Polonica A **87**, 241 (1995).
471. „*Stimulated and laser emission in $CdZnTe/CdMnTe$ double quantum well heterostructures*”,
L. Kowalczyk, G. Karczewski, T. Wojtowicz, and J. Kossut,
Acta Physica Polonica A **88**, 787 (1995).
472. „*Luminescence decay in deep quantum wells $CdTe/Cd_{0.5}Mn_{0.5}Te$ at room temperature*”,
L. Kowalczyk, S. Fancey, G. S. Buller, J. S. Massa, M. Kutrowski, E. Janik, G. Karczewski, T. Wojtowicz, A. K. Zakrzewski, and J. Kossut,
Acta Physica Polonica A **87**, 508 (1995).

473. „Exciton dynamics in CdTe/CdMnTe multiquantum well structures grown by molecular beam epitaxy on GaAs substrate”,
M. Godlewski, B. Koziarska, A. Suchocki, G. Karczewski, T. Wojtowicz, J. Kossut, J. P. Bergman, and B. Monemar,
Acta Physica Polonica A **88**, 985 (1995).
474. „MBE growth and characterization of cubic MnTe(111) on BaF₂ substrates”,
E. Janik, T. Wojtowicz, E. Dynowska, M. J. Bak, J. Domagala, G. Karczewski, and J. Kossut,
Acta Physica Polonica A **88**, 982 (1995).
475. „Conductance fluctuations in quantum wires of n-CdTe and n-Cd_{1-x}Mn_xTe”,
J. Jaroszynski, J. Wrobel, M. Sawicki, T. Skoskiewicz, G. Karczewski, T. Wojtowicz, J. Kossut, T. Dietl, E. Kaminska, E. Papis, A. Barcz, and A. Piotrowska,
Acta Physica Polonica A **88**, 1000 (1995).
476. „Non-ohmic conductivity of high resistivity CdTe”,
J. Lusakowski, J. Szczytko, K. Szadkowski, E. Kaminska, A. Piotrowska, G. Karczewski, and T. Wojtowicz,
Acta Physica Polonica A **88**, 803 (1995).
477. „Exciton magnetic polaron features in photoluminescence excitation spectra of CdTe-(CdMn)Te quantum wells with high Mn contents”,
G. Mackh, W. Ossau, D. R. Yakovlev, G. Landwehr, T. Wojtowicz, G. Karczewski, and J. Kossut,
Acta Physica Polonica A **88**, 849 (1995).
478. „Search for dimensional effects in spin-glass transition in thin Cd_{1-x}Mn_xTe multilayers”,
M. Sawicki, T. Dietl, T. Skoskiewicz, G. Karczewski, T. Wojtowicz, and J. Kossut,
Acta Physica Polonica A **88**, 1038 (1995).
479. „Transmission second harmonic generation in Cd_{1-x}Mn_xTe at 1.064 μm”,
B. Koziarska, L. Kowalczyk, A. Suchocki, T. Wojtowicz, A. K. Zakrzewski, G. Karczewski, E. Janik, and J. Kossut,
Acta Physica Polonica A **87**, 423 (1995).
480. „Lattice parameter relaxation during MBE of ZnTe/Cd_{1-x}Zn_xTe/Cd_{0.5}Mn_{0.5}Te buffer layers by RHEED and HRTEM”,
S. Kret, G. Karczewski, A. Zakrzewski, P. Dluzewski, A. Dubon, T. Wojtowicz, J. Kossut, C. Delamarre, and J. Y. Laval,
Acta Physica Polonica A **88**, 795 (1995).
481. „Temperature study of photoluminescence from deep CdTe/Cd_{1-x}Mn_xTe quantum wells”,
M. Kutrowski, T. Wojtowicz, G. Karczewski, K. Kopalko, A. K. Zakrzewski, E. Janik, K. Graszka, E. Lusakowska, and J. Kossut,
Acta Physica Polonica A **87**, 500 (1995).
482. „Deep electron traps in CdTe:In films grown by molecular beam epitaxy”,
A. K. Zakrzewski, L. Dobaczewski, G. Karczewski, T. Wojtowicz, and J. Kossut,
Acta Physica Polonica A **88**, 961 (1995).
483. „Search for dimensionality crossover of spin-glass freezing in superlattices of Cd_{0.50}Mn_{0.50}Te/CdTe”,
M. Sawicki, T. Dietl, G. Karczewski, T. Wojtowicz, J. Kossut, and T. Skoskiewicz,
Acta Physica Polonica A **90**, 919 (1996).
484. „Comparison of optical properties of CdTe/CdMnTe quantum wells grown by molecular beam and atomic layer epitaxy”,

- M. Godlewski, K. Kopalko, T. Wojtowicz, G. Karczewski, J. Kossut, J. P. Bergman, and B. Monemar, *Acta Physica Polonica A* **90**, 1012 (1996).
485. „*Optical characterization of MBE-grown $Cd_{1-x}Mn_xTe$ layers by Raman spectroscopy*”, W. Szuszkiewicz, E. Dynowska, E. Janik, G. Karczewski, T. Wojtowicz, J. Kossut, and M. Jouanne, *Acta Physica Polonica A* **89**, 335 (1996).
486. „ *$Cd_{1-x}Mn_xTe$ parabolic quantum wells*”, T. Wojtowicz, M. Kutrowski, G. Cywinski, E. Dynowska, G. Karczewski, J. Kossut, R. Fiederling, G. Mackh, U. Zehnder, and W. Ossau, *Acta Physica Polonica A* **90**, 977 (1996).
487. „*Characterization and selected physical properties of CdTe/MnTe short period strained superlattices*”, W. Szuszkiewicz, E. Dynowska, M. J. Bak, G. Karczewski, T. Wojtowicz, J. Kossut, and M. Jouanne, *Acta Physica Polonica A* **90**, 1090 (1996).
488. „*Doping and characterization of wide-gap II-VI epilayers*”, G. Karczewski and T. Wojtowicz, *Acta Physica Polonica A* **90**, 635 (1996)- **invited**.
489. „*Dimensional crossovers in magnetoresistance of submicron films and wires of CdTe:In*”, J. Jaroszynski, J. Wrobel, M. Sawicki, T. Skoskiewicz, G. Karczewski, T. Wojtowicz, J. Kossut, T. Dietl, E. Kaminska, E. Papis, A. Piotrowska, E. Dus, and R. Nowakowski, *Acta Physica Polonica A* **90**, 1027 (1996).
490. „*(120)-oriented CdTe/CdMnTe quantum well structures grown by molecular beam epitaxy*”, M. Kutrowski, G. Karczewski, G. Cywinski, M. Surma, K. Graszka, E. Lusakowska, J. Kossut, and T. Wojtowicz, *Acta Physica Polonica A* **90**, 879 (1996).
491. „*Strain relaxation of ZnTe/CdTe and CdTe/ZnTe heterostructures: in situ study*”, F. Riesz, S. Kret, G. Karczewski, T. Wojtowicz, and J. Kossut, *Acta Physica Polonica A* **90**, 911 (1996).
492. „*Exciton dynamics in ZnTe based semimagnetic semiconductors and CdMnTe quantum wells*”, Nguyen-The-Khoi, J. A. Gaj, G. Karczewski, T. Wojtowicz, J. Kossut, and M. Demianiuk, *Acta Physica Polonica A* **90**, 899 (1996).
493. „*Recombination processes in doped CdTe/CdMnTe multiple quantum well structures grown by molecular beam epitaxy*”, M. Godlewski, T. Wojtowicz, G. Karczewski, J. Kossut, J. P. Bergman, and B. Monemar, *Acta Physica Polonica A* **92**, 757 (1997).
494. „*Magnetization steps in $Cd_{1-x}Mn_xTe$ observed in coherent transport*”, J. Jaroszynski, T. Dietl, J. Wrobel, G. Karczewski, T. Wojtowicz, J. Kossut, D. K. Maude, and J. C. Portal, *Acta Physica Polonica A* **92**, 797 (1997).
495. „*Hot photoluminescence in CdTe/CdMnTe quantum well structures grown by molecular beam epitaxy*”, M. Godlewski, T. Wojtowicz, G. Karczewski, J. Kossut, J. P. Bergman, P. O. Holtz, and B. Monemar, *Acta Physica Polonica A* **92**, 765 (1997).
496. „*Exciton transfer in multiple quantum well structures of CdTe/CdMnTe grown by molecular beam epitaxy*”, M. Godlewski, M. Surma, Z. Wilamowski, T. Wojtowicz, G. Karczewski, J. Kossut, P. O. Holtz, J. P.

- Bergman, and B. Monemar,
Acta Physica Polonica A **92**, 761 (1997).
497. „*High mobility 2D electron gas in CdTe/CdMgTe heterostructures*”,
G. Karczewski, J. Jaroszynski, M. Kutrowski, A. Barcz, T. Wojtowicz, and J. Kossut,
Acta Physica Polonica A **92**, 829 (1997).
498. „*Raman characterization of MBE-grown layered MnTe/CdTe structures*”,
W. Szuszkiewicz, M. Jouanne, J. F. Morhange, M. A. Kanehisa, H. Mariette, J. M. Hartmann, E. Dynowska,
G. Karczewski, T. Wojtowicz, J. Kossut, and J. Barnas,
Acta Physica Polonica A **92**, 1021 (1997).
499. „*Novel CdTe/CdMgTe graded quantum well structures*”,
T. Wojtowicz, M. Kutrowski, G. Karczewski, G. Cywinski, M. Surma, J. Kossut, D. R. Yakovlev, W. Ossau,
G. Landwehr, and V. Kochereshko,
Acta Physica Polonica A **92**, 1063 (1997).
500. „*Investigation of spin-glass transition in semimagnetic quantum wells based on Cd_{1-x}Mn_xTe by means of optical spectroscopy*”,
U. Zehnder, D. R. Yakovlev, W. Ossau, A. Waag, G. Landwehr, T. Wojtowicz, G. Karczewski, and J.
Kossut,
Acta Physica Polonica A **92**, 1075 (1997).
501. „*Temperature dependence of Raman scattering by magnons in bulk-like MBE-grown MnTe films*”,
W. Szuszkiewicz, J. F. Mohrange, M. Jouanne, M. A. Kanehisa, R. Swirkowicz, E. Dynowska, E. Janik, T.
Wojtowicz, and J. Kossut,
Acta Physica Polonica A **92**, 1025 (1997).
502. „*Light-induced gratings in CdMnTeSe:In crystals*”,
B. Koziarska-Glinka, M. Ponder, T. Wojtowicz, I. Miotkowski, J. M. Langer, and A. Suchocki,
Acta Physica Polonica A **92**, 883 (1997).
503. „*Half-parabolic quantum wells of diluted magnetic semiconductor Cd_{1-x}Mn_xTe*”,
M. Kutrowski, T. Wojtowicz, G. Cywinski, G. Karczewski, E. Janik, E. Dynowska, J. Kossut, and P.
Kossacki,
Acta Physica Polonica A **92**, 887 (1997).
504. „*Influence of interface-induced disorder on classical and quantum conductivity of CdTe:In epitaxial layers*”,
J. Lusakowski, K. Karpierz, M. Grynberg, G. Karczewski, T. Wojtowicz, S. Contreras, and O. Callen,
Acta Physica Polonica A **92**, 911 (1997).
505. „*Search for T-shaped quantum wires in CdTe/CdMg(Mn)Te system*”,
G. Cywinski, T. Wojtowicz, G. Karczewski, J. Kossut, and W. Gebicki,
Acta Physica Polonica A **94**, 277 (1998).
506. „*Graded quantum well structures made of diluted magnetic semiconductors*”,
T. Wojtowicz, M. Kutrowski, G. Karczewski, and J. Kossut,
Acta Physica Polonica A **94**, 199 (1998) - **invited**.
507. „*Optically detected magnetic resonance of excess electrons in CdTe/(Cd,Mg)Te quantum wells*”,
C. Y. Hu, W. Ossau, D. R. Yakovlev, B. Konig, T. Wojtowicz, G. Karczewski, and J. Kossut,
Acta Physica Polonica A **94**, 351 (1998).

508. „Valence band density of states and Mn 3d contribution in $Mn_{1-x}Mg_xTe$ ”,
B. J. Kowalski, E. Guziewicz, K. Kopalko, B. A. Orłowski, E. Janik, T. Wojtowicz, and R. L. Johnson,
Acta Physica Polonica A **94**, 401 (1998).
509. „Model study on inhomogeneous line broadening in excitonic spectra of quantum wells”,
G. V. Astakhov, V. P. Kochereshko, V. A. Kosobukin, D. R. Yakovlev, T. Wojtowicz, G. Karczewski,
J. Kossut, W. Ossau, and G. Landwehr,
Acta Physica Polonica A **94**, 235 (1998).
510. „Magnons in cubic MBE-grown $A_{1-x}Mn_xTe$ layers ($A=Cd, Zn, Mg$)”,
W. Szuszkiewicz, B. Hennion, M. Jouanne, J. F. Morhange, E. Dynowska, E. Janik, T. Wojtowicz, M.
Zielinski, and J. K. Furdyna,
Acta Physica Polonica A **94**, 583 (1998).
511. „Epitaxial growths of II-VI compounds on (110) substrates”,
G. Cywinski, T. Wojtowicz, K. Kopalko, G. Karczewski, and J. Kossut,
Acta Physica Polonica A **94**, 281 (1998).
512. „Exciton properties in CdTe/CdMnTe quantum well structures with strong localization effects”,
M. Godlewski, R. Narkowicz, T. Wojtowicz, G. Karczewski, J. Kossut, J. P. Bergman, and B. Monemar,
Acta Physica Polonica A **94**, 317 (1998).
513. „Transport and magnetic properties of LT annealed $Ga(1-x)Mn(x)As$ ”,
I. Kuryliszyn, T. Wojtowicz, X. Liu, J. K. Furdyna, W. Dobrowolski, J.-M. Broto, M. Goiran, O. Portugall,
H. Rakoto, and B. Raquet,
Acta Physica Polonica A **102**, 649 (2002).
514. „Microwave-induced delocalization of excitons in ternary compounds of II-VI and III-V semiconductors”,
V. Y. Ivanov, M. Godlewski, A. Khachapuridze, S. Yatsunenkov, T. Wojtowicz, G. Karczewski, J. P.
Bergman, B. Monemar, T. Shamirzaev, K. Zhuravlev, K. Leonardi, and D. Hommel,
Acta Physica Polonica A **103**, 559 (2003).
515. „Many-body interaction evidenced through exciton-trion-electron correlated dynamics”,
M. T. Portella-Oberli, J. H. Berney, B. Deveaud, V. Ciulin, M. Kutrowski, and T. Wojtowicz,
Acta Physica Polonica A **106**, 423 (2004).
516. „Carrier density control by illumination in surface doped, p-type (Cd,Mn)Te quantum wells”,
W. Maślana, P. Kossacki, J. A. Gaj, D. Fernand, J. Cibert, M. Bertolini, S. Tatarenko, M. Kutrowski,
and T. Wojtowicz,
Acta Physica Polonica A **110**, 255 (2006).
517. „Time-resolved studies of excitonic dynamics in a wide II-VI quantum well by a femtosecond pump-probe
reflectivity”,
A. Trajnerowicz, A. Golnik, P. Kossacki, W. Pacuski, and T. Wojtowicz,
Acta Physica Polonica A **110**, 395 (2006).
518. „Mechanical and electrical properties of ZnO NW/Si junctions studied by scanning probe microscopy”,
M. Aleszkiewicz, K. Fronc, J. Wróbel, M. Klepka, T. Wojtowicz, and G. Karczewski,
Acta Physica Polonica A **112**, 255 (2007).
519. „Growth and properties of ZnMnTe nanowires”,
W. Zaleszczyk, E. Janik, A. Presz, W. Szuszkiewicz, J. F. Morhange, P. Dłużewski, S. Kret,
H. Kirmse, W. Neumann, E. Dynowska, J. Z. Domagała, W. Caliebe, M. Aleszkiewicz,
W. Pacuski, A. Golnik, P. Kossacki, L. T. Baczewski, A. Petrouchik, G. Karczewski, and

- T. Wojtowicz,
Acta Physica Polonica A **112**, 351 (2007).
520. „*Photoluminescence properties of ZnO and ZnCdO nanowires*”,
W. Zaleszczyk, K. Fronc, M. Aleszkiewicz, W. Paszkowicz, J. Wróbel, P. Dłużewski, S. Kret, M. Klepka, Ł. Kłopotowski, G. Karczewski, and T. Wojtowicz,
Acta Physica Polonica A **112**, 357 (2007).
521. „*Ferroelectric field effect transistor based on modulation doped CdTe/CdMgTe quantum wells*”,
V. Kolkovsky, T. Wojciechowski, T. Wojtowicz, and G. Karczewski,
Acta Physica Polonica A **114**, 1173 (2008).
522. „*Epitaxial growth and optical properties of PbTe/CdTe semiconductor heterostructures*”,
M. Szot, L. Kowalczyk, E. Smajek, V. Domukhovski, J. Domagala, E. Lusakowska, B. Taliashvili, P. Dziawa, W. Knoff, M. Wiater, T. Wojtowicz, and T. Story,
Acta Physica Polonica A **114**, 1391 (2008).
523. „*Excitonic energy shifts in CdMnTe/CdMgTe quantum wells under resonant excitation in presence of 2D carrier gas*”,
A. Trajnerowicz, A. Golnik, P. Kossacki, W. Bardyszewski, M. Wiater, G. Karczewski, and T. Wojtowicz,
Acta Physica Polonica A **114**, 1403 (2008).
524. „*Photoluminescence properties of ZnO nanowires grown on Ni substrate*”,
W. Zaleszczyk, K. Fronc, E. Przedziecka, E. Janik, A. Presz, M. Czapkiewicz, J. Wrobel, W. Paszkowicz, L. Kłopotowski, G. Karczewski, and T. Wojtowicz,
Acta Physica Polonica A **114**, 1451 (2008).
525. „*Magnetic force microscopy study of Zn_{1-x}Co_xO nanowires grown by rapid thermal evaporation*”,
M. Aleszkiewicz, K. Fronc, P. Aleszkiewicz, W. Zaleszczyk, P. Dziawa, T. Wojciechowski, T. Wojtowicz, and G. Karczewski,
Acta Physica Polonica A **116**, 865 (2009).
526. „*Physical properties of ZnCoO tetrapods and nanofibers*”,
K. Gas, K. Fronc, P. Dziawa, W. Knoff, T. Wojciechowski, W. Zaleszczyk, A. Baranowska-Korczyc, J. F. Morhange, W. Paszkowicz, D. Elbaum, G. Karczewski, T. Wojtowicz, and W. Szuszkiewicz,
Acta Physica Polonica A **116**, 868 (2009).
527. „*Optical study of ZnTe-based 2D and 0D photonic structures containing CdTe/ZnTe quantum dots*”,
T. Jakubczyk, T. Kazimierzczuk, A. Golnik, P. Bienias, W. Pacuski, C. Kruse, D. Hommel, L. Kłopotowski, T. Wojtowicz, and J. A. Gaj,
Acta Physica Polonica A **116**, 888 (2009).
528. „*Magnetization dynamics of a (Cd, Mn)Te quantum well in pulsed magnetic field*”,
J. Kobak, M. Goryca, P. Kossacki, A. Golnik, G. Karczewski, T. Wojtowicz, and J. A. Gaj,
Acta Physica Polonica A **116**, 907 (2009).
529. „*Cold and hot excitons in CdMnTe/CdMgTe quantum wells in strong excitation regime and external magnetic field*”,
A. Trajnerowicz, A. Golnik, P. Kossacki, W. Bardyszewski, M. Wiater, G. Karczewski, and T. Wojtowicz,
Acta Physica Polonica A **116**, 849 (2009).
530. „*Morphology and Selected Properties of Core/Shell ZnTe-Based Nanowire Structures Containing ZnO*”,
K. Gas, E. Janik, W. Zaleszczyk, I. Pasternak, E. Dynowska, K. Fronc, V. Kolkovsky, S. Kret, J. F. Morhange, A. Reszka, M. Wiater, W. Caliebe, G. Karczewski, B. J. Kowalski, W. Szuszkiewicz,

- and T. Wojtowicz,
Acta Physica Polonica A **119**, 612 (2011).
531. „*Spectroscopy of Indirect Excitons in Vertically Stacked CdTe Quantum Dot Structures*”,
K. Kukliński, Ł. Kłopotowski, K. Fronc, P. Wojnar, T. Wojciechowski, M. Czapkiewicz, J. Kossut, G. Karczewski and T. Wojtowicz,
Acta Physica Polonica A **120**, 856 (2011).
532. „*Electrical properties of p-ZnTe/n-CdTe photodiodes*”,
S. Chusnutdinow, V. P. Makhniy, T. Wojtowicz, G. Karczewski,
Acta Physica Polonica A **122**, 1077 (2012).
533. „*Time resolved photoluminescence study of the wide (Cd,Mn)Te / (Cd,Mg)Te quantum well*”,
J. Kutrowska, P. Bugajny, M. Baranowski, L. Bryja, M. Syperek, A. Wójs, J. Misiewicz, M. Wiater, G. Karczewski, T. Wojtowicz,
Acta Physica Polonica A **124** (5), 895-897 (2013).
534. „*Identification of optical transitions from CdTe and CdMnTe quantum dots embedded in ZnTe nanowires*”,
Szymura M., Kłopotowski Ł., Wojnar P., Karczewski G., Wojtowicz T., Kossut J.,
Acta Physica Polonica A **124** (5), 824-826 (2013).
535. „*Reduction of the optical losses in CdTe/ZnTe thin-film solar cells*”,
S. Chusnutdinow, R. Pietruszka, W. Zaleszczyk, V.P. Makhniy, M. Wiater, V. Kolkovsky, T. Wojtowicz, G. Karczewski,
Acta Physica Polonica A **126** (5), 1072-1075 (2014).
536. „*Low temperature processing of nanostructures based on II-VI semiconductors quantum wells*”,
M. Majewicz, D. Śnieżek, T. Wojciechowski, E. Baran, P. Nowicki, T. Wojtowicz, J. Wróbel
Acta Physica Polonica A **126** (5), 1174-1176 (2014).
537. „*Magnetic and structural study of (ZnTe)/Co core-shell nanowires grown by Molecular Beam Epitaxy*”,
P. Misiuna, P. Dłużewski, T. Wojciechowski, S. Lewińska, A. Ślawska-Waniewska, A. Wawro, M. Wiater,
T. Wojtowicz, L. Baczewski,
Acta Physica Polonica A **127**, 517-519 (2015).
538. „*n-(CdMgTe/CdTe)/(p-(CdTe/ZnCdTe/ZnTe)/p-GaAs heterostructure diode for photosensor applications*”,
I.S. Yahia, S. AlFaify, M.M. Abutalib, S. Chusnutdinow, T. Wojtowicz, G. Karczewski, F. Yakuphanoglu,
A. Al-Bassam, A.M. El-Naggar, S.M. El-Bashir,
Acta Physica Polonica A **130**, 491 (2016).
539. „*Deterioration of Mechanical Properties of MBE-Grown, Metastable Semiconductor Layer with Time: the Case of Zinc Blende MnTe*”,
S. Adamiak, E. Dynowska, A. Dziedzic, K. Szmuc, E. Janik, M. Wiater, T. Wojtowicz, W. Szuszkiewicz,
Acta Physica Polonica A **130**, 1248 (2016).
540. „*Nondiagonal transition in semimagnetic quantum wells with parabolic and half-parabolic confining potentials*”,
W. Ossau, R. Fiederling, B. König, T. Wojtowicz, M. Kutrowski, G. Karczewski, and J. Kossut,
10th Int. Conf. on Superlattices, Microstructures and Microdevices, July 1997, Lincoln, Nebraska, USA,
Physics of Low-Dimensional Structures **11/12**, 89 (1997).
541. „*Exciton-electron interactions in modulation-doped QW structures*”,
W. Ossau, V. Kochereshko, D. R. Yakovlev, R. A. Suris, D. B. Turchinovich, G. Landwehr, T. Wojtowicz,
G. Karczewski, and J. Kossut,

- 10th Int. Conf. on Superlattices, Microstructures and Microdevices, July 1997, Lincoln, Nebraska, USA, Physics of Low-Dimensional Structures **1/2**, 205 (1998).
542. „*Coherent spin dynamics of electrons in II-VI semiconductor quantum wells*”, D. R. Yakovlev, A. Zhukov, M. Bayer, G. Karczewski, T. Wojtowicz, and J. Kossut, International Journal of Modern Physics B **21**, 1336 (2007).
543. „*Kerr rotation and magnetic circular dichroism spectra of ferromagnetic InMnSb and InMnAs*”, A. Winter, H. Pascher, M. Hofmayer, H. Krenn, T. Wojtowicz, L. Xinyu, and J. K. Furdyna, Reviews on Advanced Materials Science **20**, 92 (2009).
544. „*TEM analysis of the container effect of Au-based catalyst droplets during vapour-liquid-solid growth of axial ZnTe/CdTe nanowires*”, H. Kirmse, I. Hausler, S. Kret, E. Janik, G. Karczewski, and T. Wojtowicz, Crystal Research and Technology **44**, 1047 (2009).
545. „*Comprehensive study of spin-flip excitations in CdZnTe/CdZnMnTe quantum wells*”, D. Fukuoka, K. Arahara, T. Koyama, K. Oto, K. Muro, S. Takeyama, G. Karczewski, T. Wojtowicz, and J. Kossut, International Journal of Modern Physics B **21**, 1610 (2007).
546. „*Kerr rotation and magnetic circulation dichroism spectra of ferromagnetic InMnSb and InMnAs*”, A. Winter H. Pascher, M. Hofmayer, H. Krenn, T. Wojtowicz, X. Liu, J.K. Furdyna, Proceedings of SPAS 11, 311 (2007).
547. „*Dimensionality crossover in spin glass of Cd_{0.50}Mn_{0.50}Te thin films*”, M. Sawicki, T. Dietl, G. Karczewski, T. Wojtowicz, J. Kossut, and T. Skoskiewicz, Czechoslovak Journal of Physics **46**, 1933 (1996).
548. „*Inter quantum well energy and carrier transfer in multiple quantum well structures of II-VI semiconductors*”, M. Surma, M. Godlewski, G. Karczewski, T. Wojtowicz, J. Kossut, J. P. Bergman, B. Monemar, A. Waag, E. Kurtz, and D. Hommel, Electron Technology **29**, 300 (1996).
549. „*CdTe/Cd_{1-x}Mn_xTe quantum structures investigated by photoreflectance spectroscopy*”, P. Sitarek, J. Misiewicz, G. Karczewski, T. Wojtowicz, and J. Kossut, Electron Technology **31**, 311 (1998).
550. „*Interface characterization by Zeeman effect in structures with semimagnetic semiconductors*”, J. A. Gaj, J. Cibert, G. Feuillet, W. Grieshaber, G. Karczewski, P. Kossacki, Y. M. Aubigne, N. T. Khoi, A. Wasiela, and T. Wojtowicz, 11th International Conference, High Magnetic Fields in the Physics of Semiconductors, 638 (1995).
551. „*Semimagnetic Semiconductors near the metal-insulator transition*”, T. Dietl, M. Sawicki, T. Wojtowicz, J. Jaroszynski, W. Plesiewicz, and A. Lenard, 19-th Int. Conf. on Phys. of Semiconductors, Warsaw, Poland, 1988, ed. W. Zawadzki (Institute of Physics Polish Academy of Sciences, Warsaw, 1988) p. 1189 (1988) - **invited**.
552. „*Recombination processes in indium doped CdMnTe/CdTe multiple quantum well structures grown by MBE*”, J. P. Bergman, B. Monemar, M. Godlewski, T. Wojtowicz, G. Karczewski, and J. Kossut, 7th International Conference on Shallow Level Centers in Semiconductors, 221 (1997).

553. „*Exciton Magnetic Polaron Localization in CdTe/Cd(1-x)Mn(x)Te SQWs*”, N. Najima, S. Takeyama, S. Adachi, Y. Takagi, T. Wojtowicz, G. Karczewski, and J. Kossut, Extended Abstract of Symposium on the Physics and Application of Spin-Related Phenomena in Semiconductors, Sendai, 1995. p. 30 (1995).
554. „*Dimensional Crossovers in Electron Transport of Submicron Films and Wires of CdTe:In*”, J. Jaroszynski, J. Wrobel, T. Dietl, M. Sawicki, T. Skoskiewicz, E. Papis, G. Karczewski, and T. Wojtowicz Extended Abstracts of Int. Conf. on Localization and Quantum Transport in Solids, Jaszowiec, Poland, 1996, p. 214 (1996).
555. „*Spatially Graded Diluted Magnetic Semiconductor Quantum Structures*”, T. Wojtowicz, M. Kutrowski, G. Cywinski, G. Karczewski, E. Janik, E. Dynowska, J. Kossut, P. Kossacki, R. Fiederling, D. R. Yakovlev, and W. Ossau, Extended abstracts of Japanese-Polish Symposium on Diluted Magnetic Semiconductor, Warsaw, September 1997, p. 26 (1997) - **invited**.
556. „*Exciton Spin Localization Dynamics in Cd(1-x)Zn(x)Te/Cd(1-x-y)Zn(x)Mn(y)Te Single Quantum Wells*”, S. Takeyama, T. Karasawa, G. Karczewski, T. Wojtowicz, and J. Kossut, Extended abstracts of 2-nd Symposium on Fundamentals and Appl. of Semicond. Spin Engineering, Sendai, Japan, 1997, p. 47 (1997).
557. „*The asymmetric exciton magnetic polaron states in Cd(1-x)Mn(x)Te/CdTe/Cd(1-y)Mg(y)Te asymmetric single quantum wells*”, S. Takeyama, G. Karczewski, T. Wojtowicz, and J. Kossut, Extended abstracts of 3rd Symposium on the Physics and Applications of Spin-Related Phenomena in Semiconductors, Sendai, Japan, November 1997, p. 132 (1997).
558. „*Magneto-photoluminescence study of pressure effect on the exciton spin states in a CdTe/Cd(1-x)Mn(x)Te single quantum well structure*”, H. Yokoi, S. Takeyama, Y. Kakudate, S. Fujiwara, H. Kunimatsu, K. Uchida, N. Miura, T. Wojtowicz, G. Karczewski, and J. Kossut, Extended abstracts of 3rd Symposium on the Physics and Applications of Spin-Related Phenomena in Semiconductors, Sendai, Japan, November 1997, p. 140 (1997).
559. „*High Magnetic Field Photoluminescence Study of Hydrostatic Pressure Effects on the Exciton Spin States in CdTe/Cd(1-x)Mn(x)Te Single Quantum Wells*”, H. Yokoi, S. Takeyama, Y. Kukudate, S. Usuba, R. Katoh, S. Fujiwara, T. Schmiedel, S. Tozer, E. D. Jones, G. Karczewski, and J. Kossut, Extended abstracts of 2-nd Symposium on Fundamentals and Appl. of Semicond. Spin Engineering, Sendai, Japan, 1997, p. 51 (1997).
560. „*Spin exchange interaction between excitons and magnetic ions in CdTe/Cd(1-x)Mn(x)Te single quantum well structures under high magnetic field and pressure*”, H. Yokoi, Y. Kukudate, S. Fujiwara, S. Takeyama, H. Kunimatsu, K. Uchida, T. Schmiedel, S. Tozer, T. Wojtowicz, G. Karczewski, and J. Kossut, Extended abstracts of Japanese-Polish Symposium on Diluted Magnetic Semiconductor, Warsaw, September 1997, p. 94 (1997) - **invited**.
561. „*Iodine- and indium-doping of diluted magnetic semiconductors - a comparative study*”, G. Karczewski, J. Jaroszynski, M. Kutrowski, A. Barcz, T. Wojtowicz, and J. Kossut, Extended abstracts of Japanese-Polish Symposium on Diluted Magnetic Semiconductor, Warsaw, September 1997, p. 86 (1997) - **invited**.
562. „*Four-Wave Mixing Measurements of Exciton Dynamical Processes in Dilute Magnetic Semiconductor Quantum Wells*”,

- S. Adachi, S. Takeyama, Y. Takagi, G. Karczewski, T. Wojtowicz, and J. Kossut,
Extended abstracts of 4-th Symposium on the Physics and Application of Spin-Related Phenomena in Semiconductors, Sendai, Japan, December 1998, p. 153 (1998).
563. „*Critical behavior of the Hall coefficient and dielectric susceptibility near the Anderson-Mott transition in $p\text{-Hg}_{1-x}\text{Mn}_x\text{Te}$* ”,
J. Jaroszynski, T. Dietl, M. Sawicki, T. Wojtowicz, and W. Plesiewicz,
High Magnetic Fields in Semiconductor Physics II 514 (1989).
564. „*Interaction Effects near the Metal-Insulator Transition in Semimagnetic Semiconductors*”,
T. Dietl, M. Sawicki, T. Wojtowicz, J. Jaroszynski, W. Plesiewicz, L. Swierkowski, and J. Kossut,
Int. Symposium on Anderson Localization, Tokyo 1988, in: Anderson Localization, ed. T. Ando and H. Fukuyama (Springer, Berlin 1988) p. 58 (1988) - **invited**.
565. „*On the Possibility of Real Exciton Free-Magnetic Polarons in Two-Dimensional Diluted Magnetic Semiconductors*”,
S. Takeyama, T. Karasawa, G. Karczewski, T. Wojtowicz, and J. Kossut,
Int. Symposium on Quantum Structure for Photonic Applications, (IMR Workshop, Tohoku University, March 6-9, 1997), in Nonlinear Optics Principles, Materials, Phenomena, and Devices, (Gordon & Breach Science Publishers), Vol 18 (2-4), p. 199 (1997) - **invited**.
566. „*Inżynieria spinowa dla potrzeb elektroniki przyszłości*”,
T. Wojtowicz and J. Kossut,
Działalność Naukowa **9**, 101 (2000).
567. „*Kropki kwantowe CdTe w ZnTe*”,
S. Mackowski, S. Kret, G. Karczewski, T. Wojtowicz, and J. Kossut,
Działalność Naukowa **10**, 73 (2000).
568. „*Wykonanie nanostruktur hybrydowych z polprzewodników III-V i II-VI zawierających mikromagnesy*”,
J. Wrobel, S. Mackowski, K. Fronc, M. Czczott, T. Wojtowicz, J. Kossut, T. Skoskiewicz, and T. Dietl,
Działalność Naukowa **11**, 90 (2001).
569. „*Magneto-optical studies of 2D electron gas in CdMnTe/CdMgTe quantum well at high magnetic fields*”,
Y. Imanaka, T. Takamasu, G. Kido, G. Karczewski, T. Wojtowicz, and J. Kossut,
Proc. 5 th Int. Symposium on Advanced Physical Fields: Fabrication and Characterization of Atomic Scale Structures, p. 471 (2000).
570. „*A new opportunity of probing lateral distortions in quantum wells*”,
A. V. Koudinov, Yu. G. Kusrayev, I. G. Aksyanov, B. P. Zakharchenya, T. Wojtowicz, G. Karczewski, and J. Kossut,
Proc. NATO Advanced Research Workshop on „Optical Properties of Semiconductor Nanostructures”,
Ustroń - Jaszowiec, Edited by: M. L. Sadowski, M. Potemski, and M. Grynberg, in: High Technology,
NATO Sciences Series, Kluwer Publisher, p. 309 (2000).
571. „*Magneto-reflection in CdMnTe/CdTe multiple quantum wells*”,
R. Brazis, R. Narkowicz, L. Safonova, and T. Wojtowicz,
Proc. NATO Advanced Research Workshop on „Optical Properties of Semiconductor Nanostructures”,
Ustroń - Jaszowiec, Edited by: M. L. Sadowski, M. Potemski, and M. Grynberg, in: High Technology,
NATO Sciences Series, Kluwer Publisher, p. 315 (2000).
572. „*Combined exciton-electron processes in modulation doped quantum well structures*”,
V. Kochereshko, D. R. Yakovlev, G. V. Astakhov, R. A. Suris, J. Nurnberger, W. Faschinger, W. Ossau, G. Landwehr, T. Wojtowicz, G. Karczewski, and J. Kossut,
Proc. NATO Advanced Research Workshop on „Optical Properties of Semiconductor Nanostructures”,

- Ustroń - Jaszowiec, Edited by: M. L. Sadowski, M. Potemski, and M. Grynberg, in: High Technology, NATO Sciences Series, Kluwer Publisher, p. 299 (2000).
573. „*Magneto-optical properties of graded quantum well structures made of diluted magnetic semiconductors*”, M. Kutrowski, T. Wojtowicz, S. Kret, G. Karczewski, J. Kossut, R. Fiederling, B. König, D. R. Yakovlev, W. Ossau, A. Waag, V. Kochereshko, F. J. Teran, and M. Potemski, Proc. NATO Advanced Research Workshop on „Optical Properties of Semiconductor Nanostructures”, Ustroń - Jaszowiec, Edited by: M. L. Sadowski, M. Potemski, and M. Grynberg, in: High Technology, NATO Sciences Series, Kluwer Publisher, p. 237 (2000).
574. „*Photoluminescence of II-VI quantum Hall system in CdMnTe//CdMgTe quantum well at high magnetic field*”, Y. Imanaka, T. Takamasu, G. Kido, G. Karczewski, T. Wojtowicz, and J. Kossut, Proc. NGS 10, IPAP Conf. Series 2, p. 276 (2001).
575. „*Possible biexciton transition observed by optical reflection spectra in CdTe//CdMnTe single quantum well*”, H. Mino, S. Hamada, S. Takeyama, S. Adachi, G. Karczewski, T. Wojtowicz, and J. Kossut, Proc. NGS 10, IPAP Conf. Series 2, p. 279 (2001).
576. „*Formation of negatively charged excitons in high magnetic fields*”, C. R. L. P. N. Jeukens, P. C. M. Christianen, J. C. Maan, D. R. Yakovlev, W. Ossau, T. Wojtowicz, G. Karczewski, and J. Kossut, Proc. XXV Int. Conf. on Physics of Semiconductors, Osaka 2000, Eds. N. Miura and T. Ando, (Springer) Berlin, p. 979 (2001) - **invited**.
577. „*Spin relaxation of negatively charged excitons in CdTe-based quantum wells*”, P. Kossacki, V. Ciulin, M. Kutrowski, J. D. Ganiere, T. Wojtowicz, and B. Deveaud, Proc. XXV Int. Conf. on Physics of Semiconductors, Osaka 2000, Eds. N. Miura and T. Ando, (Springer) Berlin, p. 623 (2001).
578. „*CdTe quantum wells as ideal systems for the study of negatively charged excitons: A spectral and temporal analysis*”, V. Ciulin, P. Kossacki, M. Kutrowski, A. Esser, S. Haacke, J. D. Ganiere, T. Wojtowicz, and B. Deveaud, Proc. XXV Int. Conf. on Physics of Semiconductors, Osaka 2000, Eds. N. Miura and T. Ando, (Springer) Berlin, p. 509 (2001).
579. „*Cyclotron resonance of spin polaron in CdMnTe/CdMgTe 2D electron systems*”, Y. Imanaka, T. Takamasu, G. Kido, G. Karczewski, T. Wojtowicz, and J. Kossut, Proc. XXV Int. Conf. on Physics of Semiconductors, Osaka 2000, Eds. N. Miura and T. Ando, (Springer) Berlin, p. 266 (2001).
580. „*Shallow donors in metal and nonmetal sublattice of n-CdTe introduced by means of MBE method*”, M. Szot, K. Karpierz, T. Wojtowicz, and M. Grynberg, Proc. XXV Int. Conf. on Physics of Semiconductors, Osaka 2000, Eds. N. Miura and T. Ando, (Springer) Berlin, p. 1415 (2001).
581. „*Spin-lattice relaxation in semimagnetic quantum wells with a 2DEG*”, D. R. Yakovlev, A. V. Scherbakov, B. König, W. Ossau, A. V. Akimov, T. Wojtowicz, G. Karczewski, and J. Kossut, Proc. XXV Int. Conf. on Physics of Semiconductors, Osaka 2000, Eds. N. Miura and T. Ando, (Springer) Berlin, p. 252 (2001).
582. „*Interface effects on exciton states in a CdTe/(Cd, Mn) Te quantum well*”, H. Yokoi, Y. Kakudate, Y. G. Semenov, S. Takeyama, S. Tozer, Y. Kim, T. Wojtowicz, G. Karczewski, and

- J. Kossut,
Proc. XXV Int. Conf. on Physics of Semiconductors, Osaka 2000, Eds. N. Miura and T. Ando, (Springer) Berlin, p. 417 (2001).
583. „*Effect of buffer layer thickness on improvement of modulation doped CdTe/CdMgTe heterostructures grown on GaAs substrate*”,
D. Wasik, M. Baj, J. Siwiec-Matuszyk, L. Dmowski, E. Janik, T. Wojtowicz, and G. Karczewski,
Proc. XXV Int. Conf. on Physics of Semiconductors, Osaka 2000, Eds. N. Miura and T. Ando, (Springer) Berlin, p. 811 (2001).
584. „*Magneto-optical evidence of many-body effects in spin-polarized 2D electron gas*”,
C. Testelin, A. Lemaitre, C. Rigaux, T. Wojtowicz, G. Karczewski, and F. J. Teran,
Proc. XXV Int. Conf. on Physics of Semiconductors, Osaka 2000, Eds. N. Miura and T. Ando, (Springer) Berlin, p. 551 (2001).
585. „*Trions and excitons in CdTe quantum well: lifetimes, coherence, diffusion and localization*”,
M. T. Portella-Oberli, V. Ciulin, S. Haacke, J. Ganiere, P. Kossacki, M. Kutrowski, T. Wojtowicz, and B. Deveaud,
Proc. XXVI Int. Conf. on Physics of Semiconductors, Edinburgh (2002).
586. „*Thermodynamic Limits to the Maximum Curie Temperature in Ga(1-x)Mn(x)As*”,
K. M. Yu, W. Walukiewicz, T. Wojtowicz, I. Kuryliszyn, X. Liu, Y. Sasaki, and J. K. Furdyna,
Proc. XXVI Int. Conf. on Physics of Semiconductors, Edinburgh (2002).
587. „*Spin transfer mechanism on formation of exciton and biexciton in (Cd,Mg)Te/CdTe/(Cd,Mn)Te asymmetric quantum wells*”,
T. Kinukawa, K. Abe, H. Mino, S. Takeyama, G. Karczewski, T. Wojtowicz, and J. Kossut,
Proc. XXVI Int. Conf. on Physics of Semiconductors, Edinburgh (2002).
588. „*New spin resonances detected by time-resolved Faraday and Kerr effect in II-VI diluted magnetic semiconductor quantum wells*”,
F. Tepe, D. Scalbert, Y. G. Semenov, M. Nawrocki, J. Cibert, S. Tatarenko, and T. Wojtowicz,
Proc. XXVI Int. Conf. on Physics of Semiconductors, Edinburgh (2002).
589. „*Optical studies of charged excitons in II-VI semiconductor quantum wells*”,
P. Kossacki, J. Cibert, V. Ciulin, M. Kutrowski, W. Maslana, S. Tatarenko, D. Ferrand, T. Wojtowicz, B. Deveaud, and J. Gaj,
Proc. XXVI Int. Conf. on Physics of Semiconductors, Edinburgh (2002)- **invited**.
590. „*Magnetic field induced singlet-triplet transition of charged excitons in Cd(1-x)Mn(x)Te quantum wells*”,
S. Takeyama, Y. Hirayama, T. Watanabe, H. Mino, G. Karczewski, T. Wojtowicz, and J. Kossut,
Proc. XXVI Int. Conf. on Physics of Semiconductors, Edinburgh (2002).
591. „*Resistance noise study in a dirty quantum Hall ferromagnet*”,
J. J. Jaroszynski, T. Andrearczyk, J. Wrobel, G. Karczewski, T. Wojtowicz, D. Popovic, and T. Dietl,
Proceedings. of the SPIE The International. Society for. Optical. Engineering. **5112**, 165 (2003).
592. „*Combined exciton and trion excitations in modulation doped quantum well structures*”,
V. P. Kochereshko, G. V. Astakhov, D. R. Yakovlev, W. Ossau, G. Landwehr, T. Wojtowicz, G. Karczewski, and J. Kossut,
Proceedings. Of the SPIE The International. Society for. Optical. Engineering. **5023**, 533 (2003).
593. „*Biexciton dynamical behavior in (Cd,Mn)Te/CdTe/(Cd,Mg)Te asymmetric quantum wells*”,
H. Mino, R. Shen, S. Takeyama, G. Karczewski, T. Wojtowicz, and J. Kossut,
Nonlinear. Optics., Principles., Materials, Phenomena., and Devices **29**, 403 (2002).

594. “*Effect of Mn site location on the magnetic properties of III-_{1-x}Mn-xV semiconductor*”,
K. M. Yu, W. Walukiewicz, T. Wojtowicz, J. D. Denlinger, X. Liu, J. K. Furdyna,
Proc. 27th International Conference on the Physics of Semiconductors July 26-30, 2004 Flagstaff, Arizona,
USA, AIP Conf. Proc. **772**, 303 (2005) - **invited**.
595. „*Quantum Hall ferromagnetism in magnetic heterostructures and wires*”,
J. Jaroszyński, T. Andrearczyk, E. A. Stringer, G. Karczewski, T. Wojtowicz,
J. Wróbel, D. Popović, T. Dietl,
Proc. 27th International Conference on the Physics of Semiconductors July 26-30, 2004 Flagstaff, Arizona,
AIP Conf. Proc. **772**, 1271 (2005).
596. “*Magnetic anisotropy of strain-engineered InMnAs ferromagnetic films with easy-axis manipulation from out-of-plane to in-plane orientations*”,
X. Liu, W. L. Lim, Z. Ge, S. Shen, T. Wojtowicz, M. Dobrowolska, J. K. Furdyna,
K. M. Yu, and W. Walukiewicz,
Proc. 27th International Conference on the Physics of Semiconductors July 26-30, 2004 Flagstaff, Arizona,
AIP Conf. Proc. **772**, 367 (2005).
597. “*Ferromagnetic/DMS hybrid structures: one- and zero-dimensional magnetic traps for quasiparticles*”,
P. Redliński, T. Wojtowicz, T. Rappoport, A. Libal, J. K. Furdyna, and B. Janko,
Proc. 27th International Conference on the Physics of Semiconductors July 26-30, 2004 Flagstaff, Arizona,
AIP Conf. Proc. **772**, 1291 (2005).
598. “*Optical investigation of temperature-induced changes in magnetic anisotropy in III-Mn-As ferromagnetic semiconductors*”,
M. Kutrowski, L. V. Titova, K. Yee, W. L. Lim, X. Liu, T. Wojtowicz, J. K. Furdyna, and M. Dobrowolska,
Proc. 27th International Conference on the Physics of Semiconductors July 26-30, 2004 Flagstaff, AIP Conf.
Proc. **772**, 361 (2005).
599. “*How do electrons, excitons and trions share the reciprocal space in a quantum well?*”,
M. T. Portella-Oberli, J. H. Berney, V. Ciulin, M. Kutrowski, T. Wojtowicz and B. Deveaud,
Proc. 27th International Conference on the Physics of Semiconductors July 26-30, 2004 Flagstaff, Arizona,
USA, AIP Conf. Proc. **772**, 957 (2005).
600. “*Biexciton formation induced by bright-dark exciton transitions in (Cd,Mg)Te/CdTe/(Cd,MN)Te asymmetric quantum wells*”,
R. Shen, H. Mino, G. Karczewski, T. Wojtowicz, J. Kossut, and S. Takeyama,
Proc. 27th International Conference on the Physics of Semiconductors July 26-30, 2004 Flagstaff, Arizona,
AIP Conf. Proc. **772**, 593 (2005).
601. “*Photo-induced ferromagnetism in bulk-Cd_{0.95}Mn_{0.05}Te via exciton magnetic polarons*”,
Y. Hashimoto, H. Mino, T. Yamamuro, D. Kanbara, T. Matsusue, S. Takeyama,
G. Karczewski, T. Wojtowicz, and J. Kossut,
Proc. 27th International Conference on the Physics of Semiconductors July 26-30, 2004 Flagstaff, Arizona,
USA, AIP Conf. Proc. **772**, 1363 (2005).
602. “*Magnetic circular dichroism in ZnSe/Ga_{1-x}Mn_xAs hybrid structures with Be and Si co-doping*”,
R. Chakarvorty, K. J. Yee, X. Liu, P. Redliński, M. Kutrowski, L. V. Titova, T. Wojtowicz, J.K. Furdyna, B.
Janko, M. Dobrowolska,
Proc. 27th International Conference on the Physics of Semiconductors July 26-30, 2004 Flagstaff, Arizona,
USA, AIP Conf. Proc. **772**, 1337 (2005).
603. „*Anomalous magnetoresistance in dirty magnetic quantum wells*”,
J. Jaroszyński, T. Andrearczyk, G. Karczewski, T. Wojtowicz, J. Wróbel, D. Popović, and T. Dietl,
AIP. Conf. Proc. **850** (2006), p. 1355.

604. „*ZnTe nanowires grown catalytically on GaAs (001) substrates by molecular beam epitaxy*“, E. Janik, J. Sadowski, P. Dłużewski, S. Kret, A. Presz, L. T. Baczewski, E. Łusakowska, J. Wróbel, G. Karczewski, and T. Wojtowicz, Proc. 28 International Conference on the Physics of Semiconductors – ICPS 2006, AIP Conference Proc. **893**, p. 103 (2007).
605. „*ZnSe/CdSe superlattice nanowires by catalyst-assisted molecular beam*“, G. Karczewski, S. Mahapatra, T. Borzenko, P. Dłużewski, S. Kret, Ł. Kłopotowski, C. Schumacher, K. Brunner, L. W. Molenkamp, and T. Wojtowicz, Proc. 28 International Conference on the Physics of Semiconductors – ICPS 2006, AIP Conference Proc. **893**, p. 65 (2007).
606. „*Investigation of the quantum confinement effects in CdTe dots by electrical measurements*“, E. Płaczek-Popko, A. Nowak, G. Karczewski, T. Wojtowicz, M. Wiater, M. Guziewicz, and Z. Gumienny, Proc. 28 International Conference on the Physics of Semiconductors – ICPS 2006, AIP Conference Proc. **893**, p. 813 (2007).
607. „*High resolution spin-flip Raman spectroscopy in CdZnTe/CdZnMnTe quantum wells at ³He temperatures*“, K. Arahara, T. Koyama, K. Oto, K. Muro, S. Kakeyama, G. Karczewski, T. Wojtowicz, and J. Kossut, Proc. 28 International Conference on the Physics of Semiconductors – ICPS 2006, AIP Conference Proc. **893**, p. 1181 (2007).
608. „*Kerr rotation and magnetic circular dichroism in ferromagnetic InMnSb and InMnAs*“, A. Winter, H. Pascher, H. Krenn, T. Wojtowicz, X. Liu, and J. Furdyna, Proc. 28 th International Conference on the Physics of Semiconductors – ICPS 2006, AIP Conference Proc. **893**, p. 1223 (2007).
609. „*Spin coherence of two dimensional electron gas achieved via resonant excitation of trions and excitons*“, E. Zhukov, D. R. Yakovlev, M. Bayer, M. M. Glazov, E. L. Ivchenko, G. Karczewski, T. Wojtowicz, and J. Kossut, Proc. 28 th International Conference on the Physics of Semiconductors – ICPS 2006, AIP Conference Proc. **893**, p. 1361 (2007).
610. „*Quantum Confined Stark Effect in Single Self-Assembled CdTe Quantum Dots*“, Kłopotowski, L., Kudelski, A., Wojnar, P., Tartakovskii, A. I., Skolnick, M. S., Krebs, O., Voisin, P., Karczewski, G., and Wojtowicz, T., Proc 29th International Conference on the Physics of Semiconductors, 27 July-1 Aug. 2008, Rio de Janeiro, Brazil, USA, AIP Conf. Proc. **1199**, 347 (2010).
611. „*CdTe Quantum Dots in a Field Effect Structure: Photoluminescence Lineshape Analysis*“, Kłopotowski, L., Kudelski, A., Wojnar, P., Tartakovskii, A. I., Skolnick, M. S., Krebs, O., Voisin, P., Kret, S., Dłuzewski, P., Karczewski, G., and Wojtowicz, T., Proc 29th International Conference on the Physics of Semiconductors, 27 July-1 Aug. 2008, Rio de Janeiro, Brazil, USA, AIP Conf. Proc. **1199**, 301 (2010).
612. „*Ferroelectric gate effect in modulation doped CdTe/CdMgTe quantum wells*“, Kolkovsky, V., Wojciechowski, T., Zaleszczyk, W., Wiater, M., Wojtowicz, T., and Karczewski, G., Proc 29th International Conference on the Physics of Semiconductors, 27 July-1 Aug. 2008, Rio de Janeiro, Brazil, USA, AIP Conf. Proc. **1199**, 515 (2010).
613. „*Exchange driven spin splitting of fully occupied Landau levels measured using polarization resolved photoluminescence spectroscopy*“, Kowalik, K., Teran, F. J., Plochocka, P., Kunc, J., Maude, D. K., Potemski, M., Friedland, K. J., Hey, R., Ploog, K. H., Karczewski, G., and Wojtowicz, T.,

- Proc 29th International Conference on the Physics of Semiconductors, 27 July-1 Aug. 2008, Rio de Janeiro, Brazil, USA, AIP Conf. Proc. **1199**, 249 (2010).
614. *“Zn_{1-x}Mn_xTe-based diluted magnetic semiconductor nanowire structures grown by MBE”*, Zaleszczyk, W., Janik, E., Dluzewski, P., Kret, S., Szuszkiewicz, W., Presz, A., Morhange, J. F., Dynowska, E., Petrouchik, A., Baczewski, L. T., Karczewski, G., Kirmse, H., Neumann, W., and Wojtowicz, T., Proc 29th International Conference on the Physics of Semiconductors, 27 July-1 Aug. 2008, Rio de Janeiro, Brazil, USA, AIP Conf. Proc. **1199**, 267 (2010).
615. *“Energetic shift of cold and hot excitons in (Cd, Mn)Te/(Cd, Mg)Te quantum wells”*, Trajnerowicz, A., Golnik, A., Kossacki, P., Bardyszewski, W., Wiater, M., Karczewski, G., and Wojtowicz, T., Proc 29th International Conference on the Physics of Semiconductors, 27 July-1 Aug. 2008, Rio de Janeiro, Brazil, USA, AIP Conf. Proc. **1199**, 195 (2010).
616. *“Spin properties of trions in a dense 2DEG”*, Kochereshko, V., Besombes, L., Mariette, H., Wojtowicz, T., Karczewski, G., and Kossut, J., Proc. International Conference on Optics of Excitons in Confined Systems (OECS11), 7-11 Sept. 2009, Journal of Physics: Conference Series **210**, 012044 (2010).
617. *“Charge Storage in Self-assembled CdTe Quantum Dots”*, Klopotowski, L., Goryca, M., Kossacki, P., Kudelski, A., Krebs, O., Wojnar, P., Wojtowicz, T., and Karczewski, G., Proc. International Conference on Optics of Excitons in Confined Systems (OECS11), 7-11 Sept. 2009, Journal of Physics: Conference Series **210**, 012007 (2010).
618. *„Spin and orbital quantization of electronic states as origins of second harmonic generation in semiconductors”*, I. Sänger, B. Kamiński, D. R. Yakovlev, R. V. Pisarev, V. V. Pavlov, M. Bayer, G. Karczewski, T. Wojtowicz, and J. Kossut, Proc. 14 th Int. Symp. “Nanostructures: Physics and Technology”, St. Petersburg, Russia, June 26-30, 2006, p. 67.
619. *„Time resolved studies of magnetic and non-magnetic narrow-gap semiconductors“*, G. A. Khodaparast, K. Nontapot, A. Gifford, S. J. Chung, N. Goel, M. B. Santos, T. Wojtowicz, X. Liu and J. K. Furdyna, Proc. 12 th International Conference on Narrow Gap Semiconductors, Toulouse, France, 3-7 July 2005, Inst. Phys. Conf. Ser. No **187** (2006), p. 517 (Taylor and Francis Ltd Group)
620. *„Magnetic field dependence of exciton bandwidth in quantum wells made of semimagnetic semiconductors: comparison of theory and experiment“*, A. V. Komarov, S. M. Rabchenko, V. I. Sugakov, G. V. Vertsimakha, W. Zaleszczyk, G. Karczewski, and T. Wojtowicz, Proc. 14 th Int. Symp. “Nanostructures: Physics and Technology”, St. Petersburg, Russia, June 26-30, 2006.
621. *„Spontaneous magnetization patterning in diluted paramagnetic semiconductors: theory and experiment”*, M. Vladimirova, F. Teppe, D. Scalbert, C. Misbah, T. Wojtowicz, and J. Kossut, Proc. SPIE **6118**, p. 611802 (2006).
622. *„The structural characterization of MBE-grown ZnTe nanowires”*, E. Dynowska, W. Szuszkiewicz, J. Z. Domagała, E. Janik, M. Wiater, G. Karczewski, T. Wojtowicz, and W. Caliebe, Hasyllab Annual Report 2006 (1), 2007.

623. „*Raman spectroscopy of MBE-grown ZnTe and ZnMnTe nanowires*”,
W. Szuszkiewicz, F. Morhange, E. Dynowska, E. Janik, W. Zaleszczyk, G. Karczewski, and
T. Wojtowicz,
Journal of Physics: Conference Series **92**, 012040 (2007).
624. „*Growth-correlated structural and chemical properties of ZnTe nanowires*”,
H. Kirmse, W. Neuman, S. Kret, P. Dłużewski, E. Janik, G. Karczewski, and T. Wojtowicz,
Proc. Microscopy Conference 02-07 September 2007, Saarbrücken, Germany, p. 308.

PUBLICATIONS ABSTRACT ONLY

1. „*Acceptor states in Semimagnetic Semiconductors*”,
T. Wojtowicz,
Int. Symposium on Semimagnetic Semiconductors, Bad Honnef, Germany (1984) - abstract only - **invited**.
2. „*Low field hopping magnetoresistance in p-type Hg(1-x)Mn(x)Te*”,
P. Janiszewski and T. Wojtowicz,
Proc XXIV Int. School on Phys. of Semiconducting Compounds, Jaszowiec, Poland (1985) - abstract only.
3. „*Impurity conduction of p-Hg(1-x)Mn(x)Te at very low temperatures and strong magnetic fields*”,
T. Wojtowicz, T. R. Gawron, J. L. Robert, A. Raymond, C. Bousquet, M. Sawicki, W. Plesiewicz,
and A. Mycielski,
Int. Symposium on The Small Gap Semiconductors, Moscow, USSR (1985) - abstract only.
4. „*Studies of Semimagnetic Semiconductors near the metal-insulator transition at millikelvin temperatures*”,
T. Wojtowicz, M. Sawicki, T. Dietl, and W. Plesiewicz,
Int. Symposium on Semimagnetic Semiconductors, Aussois, France (1985) - abstract only.
5. „*Influence of magnetic polarons on magnetoresistance of n-CdMnSe*”,
M. Sawicki, T. Dietl, T. Wojtowicz, A. Lenard, W. Plesiewicz, and L. Swierkowski,
Proc XXVI Int. School on Phys. of Semiconducting Compounds, Jaszowiec, Poland (1987) - abstract only.
6. „*Conductivity in a spin polarized band near metal-insulator critical point*”,
T. Wojtowicz, T. Dietl, M. Sawicki, and W. Plesiewicz,
Proc XXVI Int. School on Phys. of Semiconducting Compounds, Jaszowiec, Poland (1987) - abstract only.
7. „*Far infrared magneto-optical study of holes and electrons in zero-gap HgTe/CdTe superlattices*”,
M. Dobrowolska, T. Wojtowicz, J. K. Furdyna, O. K. Wu, J. R. Meyer, C. A. Hoffman, and F. J. Bartoli,
Bull. of American Phys. Soc. **Vol. 34**, (1989) - abstract only.
8. „*Far infrared magnetoabsorption in p-type Hg(1-x)Mn(x)Te in the hopping regime*”,
T. Wojtowicz, M. Dobrowolska, and J. K. Furdyna,
Bull. of American Phys. Soc. **Vol. 34**, 488 (1989) - abstract only.
9. „*Application of the photomemory effect for observing spin resonance of donor electrons in Cd(1-x)Mn(x)Te(1-y)Se(y)*”,
T. Wojtowicz, G. Yang, P. Klosowski, M. Dobrowolska, J. K. Furdyna, and I. Miotkowski,
Bull. of American Phys. Soc. **Vol. 35**, 663 (1990) - abstract only.

10. „*Far infrared magnetoabsorption in MBE-grown InAs films*”,
T. Wojtowicz, G. Yang, J. K. Furdyna, and S. Kalem,
Bull. of American Phys. Soc. **Vol. 35**, 344 (1990) - abstract only.
11. „*Far infrared magneto-optical study of MBE-grown CdTe/InSb/CdTe single quantum well*”,
G. Yang, T. Wojtowicz, M. Dobrowolska, J. K. Furdyna, J. Glenn, S. Kobayashi, L. A. Kolodziejski, and R. L. Gunshor,
Bull. of American Phys. Soc. **Vol. 35**, 344 (1990) - abstract only.
12. „*Electrons and Holes Activated Magnetically in HgTe-CdTe Superlattices*”,
J. R. Meyer, C. A. Hoffman, F. J. Bartoli, T. Wojtowicz, M. Dobrowolska, J. K. Furdyna, X. Chu, J. P. Faurie, and L. R. Ram-Mohan,
Bull. of American Phys. Soc. **Vol. 36**, 915 (1991) - abstract only.
13. „*Persistent Photoconductivity in n-type Cd(1-x)Mn(x)Te(1-y)Te(y)*”,
N. G. Semaltianos, G. Karczewski, T. Wojtowicz, and J. K. Furdyna,
Bull. of American Phys. Soc. **Vol. 37**, 498 (1992) - abstract only.
14. „*Photomemory effect in II-VI Semimagnetic Semiconductors*”,
T. Wojtowicz,
German - Polish Symposium on Semimagnetic Semiconductors, Jachranka, (1993) - abstract only - **invited**.
15. „*Interface characterization in (Cd,Mn)Te quantum wells and superlattices*”,
P. Kossacki, Nguyen-The-Khoi, J. Gaj, G. Karczewski, T. Wojtowicz, E. Janik, A. Zakrzewski, M. Kutrowski, and J. Kossut,
Proc. XXIII Int. School on Phys. of Semicond. Comp. Jaszowiec, Poland (1994) - abstract only.
16. „*Photoreflectance spectroscopy of GaAs-based semiconducting structures and CdTe/CdMnTe multiple quantum wells*”,
J. Misiewicz, K. Jezierski, P. Sitarek, P. Markiewicz, R. Korbutowicz, M. Panek, B. Sciana, M. Tlaczala, G. Karczewski, T. Wojtowicz, A. Zakrzewski, M. Kutrowski, E. Janik, J. Jaroszynski, and J. Kossut,
Proc. XXIII Int. School on Phys. of Semicond. Comp. Jaszowiec, Poland (1994) - abstract only.
17. „*The effect of pressure on the luminescence of CdTe/CdMnTe quantum wells*”,
P. Perlin, S. Shilo, T. Sosin, W. Trzeciakowski, G. Karczewski, T. Wojtowicz, E. Janik, A. Zakrzewski, M. Kutrowski, and J. Kossut,
Proc. XXIII Int. School on Phys. of Semicond. Comp. Jaszowiec, Poland (1994) - abstract only.
18. „*MBE growth and characterization of layers and low-dimensional structures of II-VI compounds with Mn in the SL-3 Laboratory of the Institute of Physics in Warsaw*”,
T. Wojtowicz,
2-nd Symposium on Surface and Thin Film Structures, Kazimierz Dolny, Poland, September 14-17 (1994) - abstract only - **invited**.
19. „*MBE growth of CdTe:In layers*”,
G. Karczewski, T. Wojtowicz, and J. Kossut,
3-rd Symposium on Surface and Thin Film Structures, Spala, Poland (1995)- abstract only - **invited**.
20. „*In situ doping of CdMnTe layers grown by molecular beam epitaxy*”,
G. Karczewski, T. Wojtowicz, and J. Kossut,
International School-Conference „Solid State Physics, Fundamentals and Applications”, Ukraina (1995)- abstract only - **invited**.
21. „*High temperature Zeeman effect in CdTe/CdMnTe superlattice and magneto-optical characterization of interface*”,

- P. Kossacki, Nguyen-The-Khoi, J. Gaj, G. Karczewski, and J. Kossut,
Proc. XXIV Int. School on Phys. of Semicond. Comp. Jaszowiec, Poland (1995) - abstract only.
22. „Hydrostatic pressure study of indium DX-like centers in MBE-grown CdTe and CdMnTe layers”,
D. Wasik, J. Przybytek, M. Baj, G. Karczewski, T. Wojtowicz, and J. Kossut,
Proc. XXIV Int. School on Phys. of Semicond. Comp. Jaszowiec, Poland (1995) - abstract only.
 23. „CdTe/CdMnTe diluted magnetic semiconductor structures grown by MBE”,
T. Wojtowicz, G. Karczewski, and J. Kossut,
Polish-Lithuanian Symposium, Warsaw, Poland (1995)- abstract only - **invited**.
 24. „MBE growth and characterization of layers and low-dimensional structures of Diluted Magnetic Semiconductors”,
T. Wojtowicz,
Dutch-Polish Colloquium, Nijmegen, The Netherlands, January 26-27 (1995) - abstract only - **invited**.
 25. „A spectroscopic method for measuring strain in the vicinity of semiconductor interfaces”,
M. Grynberg, S. Huan, M. L. Sadowski, G. Martinez, J. Kossut, T. Wojtowicz, and G. Karczewski,
Proc. XXV Int. School on Phys. of Semicond. Comp. Jaszowiec, Poland (1996) - abstract only.
 26. „MBE growth and characterization of cubic MnTe”,
E. Janik, E. Dynowska, J. Bak-Misiuk, M. Leszczynski, M. Kutrowski, M. Sawicki, W. Szuszkiewicz, A. Stachow, T. Wojtowicz, and J. Kossut,
4-th Symposium on II-VI Semiconductor Research, Autrans, France (1996) - abstract only.
 27. „Magnetic properties of highly concentrated Zn(1-x)Mn(x)Te (0.5<x<=1.0)”,
A. Stachow, M. Herbich, J. Szczytko, W. Mac, A. Twardowski, G. Karczewski, T. Wojtowicz, and J. Kossut,
Proc. XXV Int. School on Phys. of Semicond. Comp. Jaszowiec, Poland (1996) - abstract only.
 28. „Graded low dimensional structures”,
T. Wojtowicz,
Seminar on Technology, Research and Applications of Epitaxially Grown Low Dimensional Structures,
Bachotek, Poland (1996)- abstract only - **invited**.
 29. „The thermal emission from localized centers in CdTe:In under hydrostatic pressure”,
A. K. Zakrzewski, L. Dobaczewski, T. Wojtowicz, G. Cywinski, Z. Wilamowski, J. Kossut, and G. Karczewski,
Proc. XXV Int. School on Phys. of Semicond. Comp. Jaszowiec, Poland (1996) - abstract only.
 30. „Zinc-blende Mg(1-x)Mn(x)Te - new diluted magnetic semiconductor system”,
E. Janik, A. Stachow-Wojcik, E. Dynowska, J. Bak-Misiuk, T. Wojtowicz, G. Karczewski, A. Twardowski,
J. Kossut, W. Mac, and K. Ando,
Proc. XXVI Int. School on Phys. of Semicond. Comp. Jaszowiec, Poland (1997) - abstract only.
 31. „Probing conductance fluctuations and noise in mesoscopic spin glasses”,
J. Jaroszynski, T. Dietl, J. Wrobel, G. Karczewski, T. Wojtowicz, G. Grabecki, M. Sawicki, J. Kossut, E. Papis, E. Kaminska, and E. Papis,
Proc. XXVI Int. School on Phys. of Semicond. Comp. Jaszowiec, Poland (1997) - abstract only.
 32. „Studies of interdiffusion in CdTe/CdMnTe quantum wells by magneto-optics and transmission electron microscopy”,
S. Keiser, W. Gebhardt, G. Wypior, P. Kossacki, Nguyen-The-Khoi, J. Gaj, G. Karczewski, T. Wojtowicz,
and J. Kossut,
Proc. XXVI Int. School on Phys. of Semicond. Comp. Jaszowiec, Poland (1997) - abstract only.

33. „*Iodine impurity level in MBE-grown CdMnTe*”,
K. Kudyk, D. Wasik, M. Baj, J. Jaroszynski, G. Karczewski, T. Wojtowicz, and J. Kossut,
Proc. XXVI Int. School on Phys. of Semicond. Comp. Jaszowiec, Poland (1997) - abstract only.
34. „*Magnetooptical studies of interface profiles in Cd(1-x)Mn(x)Te/CdTe/Cd(1-y)Mn(y)Te quantum wells*”,
A. Lemaitre, C. Testelin, C. Rigaux, S. Mackowski, Nguyen-The-Khoi, J. Gaj, G. Karczewski, T.
Wojtowicz, and J. Kossut,
Proc. XXVI Int. School on Phys. of Semicond. Comp. Jaszowiec, Poland (1997) - abstract only.
35. „*Enhancement of Faraday rotation due to quantum wells in semimagnetic semiconductors*”,
J. Gaj, A. Golnik, Nguyen-The-Khoi, P. Kossacki, W. Mac, A. Twardowski, T. Wojtowicz, G. Karczewski,
E. Janik, and J. Kossut,
Proc. XXVII Int. School on Phys. of Semicond. Comp. Jaszowiec, Poland (1998)- abstract only.
36. „*Quantum Transport in Heterostructures and Wires of Modulation Doped Cd(1-x)Mn(x)Te/Cd(1-y)Mg(y)Te:I*”,
J. Jaroszynski, G. Karczewski, J. Wrobel, T. Wojtowicz, J. Kossut, T. Dietl, E. Papis, E. Kaminska, and A.
Piotrowska,
Proc. XXVII Int. School on Phys. of Semicond. Comp. Jaszowiec, Poland (1998) - abstract only.
37. „*High Temperature Magnetic and Optical Properties of CdTe-MnTe Superlattices*”,
P. Kossacki, Nguyen-The-Khoi, J. Gaj, G. Karczewski, J. Kossut, and T. Wojtowicz,
Proc. XXVII Int. School on Phys. of Semicond. Comp. Jaszowiec, Poland (1998) - abstract only.
38. „*Studies of Formation Mechanism of Light-Induced Grating in CdMnTe crystals*”,
B. Koziarska-Glinka, P. Kaczor, T. Wojtowicz, I. Miotkowski, and A. Suchocki,
Proc. XXVII Int. School on Phys. of Semicond. Comp. Jaszowiec, Poland (1998) - abstract only.
39. „*Population Effects in D⁰X Magnetoabsorption of CdMnTe*”,
A. Kudelski, A. Golnik, Nguyen-The-Khoi, P. Kossacki, J. Gaj, and G. Cywinski,
Proc. XXVII Int. School on Phys. of Semicond. Comp. Jaszowiec, Poland (1998) - abstract only.
40. „*Magnetooptical study of s,p-d exchange interaction in zinc blende Mg(1-x)Mn(x)Te epilayers*”,
I. Kuryliszyn, A. Stachow-Wojcik, A. Twardowski, E. Janik, E. Dynowska, J. Kossut, J. Bak-Misiuk, T.
Wojtowicz, and G. Karczewski,
Proc. XXVII Int. School on Phys. of Semicond. Comp. Jaszowiec, Poland (1998) - abstract only.
41. „*Luminescence study of strained CdTe/ZnTe quantum structures*”,
S. Mackowski, G. Karczewski, P. Kossacki, T. Wojtowicz, and J. Kossut,
Proc. XXVII Int. School on Phys. of Semicond. Comp. Jaszowiec, Poland (1998) - abstract only.
42. „*Fabrication and optical properties of CdTe/ZnTe quantum structures*”,
S. Mackowski, G. Karczewski, T. Wojtowicz, and J. Kossut,
Proc. XXVII Int. School on Phys. of Semicond. Comp. Jaszowiec, Poland (1998)- abstract only.
43. „*Magnetooptical Study of Manganese Diffusion in CdTe/CdMnTe Quantum Wells Capped with In and SiO(2)*”,
S. Mackowski, N. T. Khoi, A. Golnik, P. Kossacki, J. Gaj, E. Kaminska, A. Piotrowska, G. Karczewski,
T. Wojtowicz, and J. Kossut,
Proc. XXVII Int. School on Phys. of Semicond. Comp. Jaszowiec, Poland (1998) - abstract only.
44. „*Magneto spectroscopy of Shallow Donors in MBE Grown n-CdTe Doped with Iodine*”,
M. Szot, Z. Romanowski, K. Karpierz, G. Karczewski, T. Wojtowicz, J. Kossut, and M. Grynberg,
Proc. XXVII Int. School on Phys. of Semicond. Comp. Jaszowiec, Poland (1998) - abstract only.

45. „*Novel II-VI low-dimensional structures with spatial grading*”,
T. Wojtowicz,
IV Dutch-Polish Colloquium on Condensed Matter Physics: Low-dimensional systems, mesoscopics and localization, Krakow, Przegorzaly, Poland (1998) - abstract only - **invited**.
46. „*Larmor Precession of Mn Moments in Cd(1-x)Mn(x)Te Quantum Wells*”,
R. Akimoto, F. Sasaki, S. Kobayashi, K. Ando, G. Karczewski, T. Wojtowicz, and J. Kossut,
Int. Conf. on II-VI Compounds, Kyoto, Japan (1999) - abstract only.
47. „*MBE Growth and Characterization of Mg(1-x)Mn(x)Te - the New Promising Semimagnetic Semiconductor for Barriers in Heterostructures*”,
E. Janik, E. Dynowska, J. Bak-Misiuk, A. Stachow-Wojcik, I. Kuryliszyn, S. Mackowski, F. Kyrychenko, T. Wojtowicz, and J. Kossut,
X European Workshop on Molecular Beam Epitaxy, Les Arcs (1999) - abstract only.
48. „*Conductance Noise in Mesoscopic Spin-Glass*”,
J. Jaroszynski, J. Wrobel, G. Karczewski, T. Wojtowicz, G. Grabecki, E. Papis, E. Kaminska, A. Piotrowska, and T. Dietl,
Int. Conf. on Transport in Mesoscopic Systems, Geteborg (1999) - abstract only.
49. „*Combined exciton-electron processes in modulation doped quantum well structures*”,
V. Kochereshko, D. R. Yakovlev, T. Wojtowicz, M. Kutrowski, G. Karczewski, J. Kossut, J. Nurnberger, W. Faschinger, M. Keim, A. Waag, W. Ossau, and G. Landwehr,
Int. Workshop on „Exciton and Carriers in Confined Systems”, Obory, Poland (1999) - abstract only - **invited**.
50. „*Negatively Charged excitons in modulation doped graded Cd(1-x)Mn(x)Te/Cd(1-y)Mg(y)Te structures*”,
M. Kutrowski, T. Wojtowicz, G. Karczewski, J. Kossut, D. R. Yakovlev, W. Ossau, G. Landwehr, V. Kochereshko, G. V. Astakhov, F. J. Teran, and M. Potemski,
Int. Workshop on „Exciton and Carriers in Confined Systems”, Obory, Poland (1999) - abstract only - **invited**.
51. „*Growth and Optical Properties of CdTe/ZnTe Quantum Structures with Manganese*”,
S. Mackowski, G. Karczewski, T. Wojtowicz, and J. Kossut,
International Workshop on Advances in Growth and Characterization of II-VI Semiconductors, Würzburg (1999) - abstract only.
52. „*Spectroscopy of negatively charged excitons interacting with 2DEG in CdTe/(Cd,Mg)Te QWs*”,
G. V. Astakhov, V. Kochereshko, D. R. Yakovlev, R. A. Suris, W. Ossau, G. Landwehr, T. Wojtowicz, G. Karczewski, and J. Kossut,
8th Int. Symp. „Nanostructures: Physics and Technology”, St. Petersburg, Russia (2000) - abstract only.
53. „*Combined exciton-electron processes in modulation doped CdTe/(Cd,Mg)Te QWs*”,
G. V. Astakhov, V. Kochereshko, D. R. Yakovlev, R. A. Suris, W. Ossau, G. Landwehr, T. Wojtowicz, M. Kutrowski, G. Karczewski, and J. Kossut,
Proc. XXIX Int. School on the Phys. of Semicond. Comp. , Jaszowiec 2000, p. 88 (2000) - abstract only.
54. „*Formation of negatively charged excitons in high magnetic fields*”,
P. C. M. Christianen, C. R. L. P. N. Jeukens, F. Pulizzi, W. H. A. Thijssen, J. C. Maan, D. R. Yakovlev, W. Ossau, and T. Wojtowicz,
NATO Advanced Research Workshop on: „Optical Probing of Many Body Effects in Nanostructures”, Würzburg, Germany, p. L6 (2000) - abstract only - **invited**.
55. „*Negatively charged excitons in CdTe based quantum wells*”,
V. Ciulin, P. Kossacki, M. Kutrowski, S. Haacke, J. D. Ganiere, T. Wojtowicz, and B. Deveaud,

- NATO Advanced Research Workshop on: "Optical Probing of Many Body Effects in Nanostructures", Wurzburg, Germany, p. P2 (2000) - abstract only.
56. „*Faraday rotation in studies of excitons interacting with 2D carrier gas*”, J. Gaj, A. Golnik, P. Kossacki, W. Mac, W. Maslana, J. Cibert, S. Tatarenko, T. Wojtowicz, G. Karczewski, and J. Kossut, NATO Advanced Research Workshop on: "Optical Probing of Many Body Effects in Nanostructures", Wurzburg, Germany, p. L1 (2000) - abstract only - **invited**.
 57. „*Faraday rotation in studies of semimagnetic heterostructures with free carriers*”, J. Gaj, P. Kossacki, W. Maslana, J. Cibert, S. Tatarenko, and T. Wojtowicz, PAS-JSPS, Polish Japanese Seminar on Spin-Related Phenomena in Semiconductors, Sendai, Japan, September 11-12, 2000, p. 5 (2000) - abstract only - **invited**.
 58. „*Towards CdTe/CdMnTe and CdMnTe/CdMgTe self-electrooptic effect devices*”, M. Godlewski, V. Yu. Ivanov, A. Khachapuridze, K. Kopalko, E. Janik, M. Kutrowski, and T. Wojtowicz, Proc. XXIX Int. School on the Phys. of Semicond. Comp. , Jaszowiec 2000, p. 94 (2000) - abstract only.
 59. „*Excitonic resonant spin-flip Raman scattering in Cd(1-x)Mn(x)Te thin films*”, A. Golnik, A. Kudelski, J. Gaj, T. Ruf, M. Cardona, T. Wojtowicz, G. Karczewski, and G. Cywinski, Proc. XXIX Int. School on the Phys. of Semicond. Comp. , Jaszowiec 2000, p. 126 (2000) - abstract only.
 60. „*Cyclotron resonance in 2-dimensional electron systems of diluted magnetic semiconductors*”, Y. Imanaka, T. Takamasu, G. Kido, G. Karczewski, T. Wojtowicz, and J. Kossut, PAS-JSPS, Polish Japanese Seminar on Spin-Related Phenomena in Semiconductors, Sendai, Japan, September 11-12, 2000, p. 16 (2000) - abstract only - **invited**.
 61. „*Anomaly of quantum Hall resistance in Cd(1-x)Mn(x)Te//Cd(1-y)Mg(y)Te heterostructures*”, J. Jaroszynski, T. Andrearczyk, G. Karczewski, T. Wojtowicz, A. Strycharczuk, T. Dietl, D. K. Maude, and P. van der Linden, Proc. XXIX Int. School on the Phys. of Semicond. Comp. , Jaszowiec 2000, p. 63 (2000) - abstract only.
 62. „*Formation of negatively charged excitons in high magnetic fields*”, C. R. L. P. N. Jeukens, P. C. M. Christianen, J. C. Maan, D. R. Yakovlev, W. Ossau, T. Wojtowicz, G. Karczewski, and J. Kossut, Proc. XXIX Int. School on the Phys. of Semicond. Comp. , Jaszowiec 2000, p. 68 (2000) - abstract only.
 63. „*Magneto-optical Studies of Exciton Tunneling in Asymmetric Double Quantum Well Structures*”, L. Kłopotowski, M. Nawrocki, G. Cywinski, S. Mackowski, E. Janik, and T. Wojtowicz, Proc. NATO Advanced Research Workshop on „Optical Properties of Semiconductor Nanostructures”, Ustroń - Jaszowiec (2000)- abstract only.
 64. „*Magneto-optical Studies of Exciton Dynamics in Asymmetric Double Quantum Well Structures*”, L. Kłopotowski, M. Nawrocki, G. Cywinski, S. Mackowski, E. Janik, T. Wojtowicz, J. Allegre, and D. Scalbert, NATO Advanced Research Workshop on: "Optical Probing of Many Body Effects in Nanostructures", Wurzburg, Germany (2000) - abstract only.
 65. „*Magneto-optical studies of exciton dynamics in asymmetric double quantum well structures*”, L. Kłopotowski, M. Nawrocki, G. Cywinski, S. Mackowski, E. Janik, T. Wojtowicz, J. Allegre, and D. Scalbert, Proc. XXIX Int. School on the Phys. of Semicond. Comp. , Jaszowiec 2000, p. 125 (2000) - abstract only.
 66. „*Magnetic properties of n-type modulation doped semimagnetic semiconductor quantum wells*”, B. König, I. A. Merkulov, D. R. Yakovlev, W. Ossau, M. Kutrowski, T. Wojtowicz, G. Karczewski, and J.

- Kossut,
NATO Advanced Research Workshop on: "Optical Probing of Many Body Effects in Nanostructures",
Wurzburg, Germany, p. P6 (2000) - abstract only.
67. „Dynamics of Charged Excitons in CdTe-based Quantum Wells „,
P. Kossacki, V. Ciulin, M. Kutrowski, J. Cibert, S. Tatarenko, S. Haacke, J. D. Ganiere, T. Wojtowicz, B. Deveaud, and J. Gaj,
NATO Advanced Research Workshop on: "Optical Probing of Many Body Effects in Nanostructures",
Wurzburg, Germany, p. L10 (2000) - abstract only - **invited**.
68. „Radiative lifetimes of negatively charged excitons in CdTe-based quantum wells”,
P. Kossacki, V. Ciulin, M. Kutrowski, A. Esser, S. Haacke, J. D. Ganiere, T. Wojtowicz, and B. Deveaud,
Proc. XXIX Int. School on the Phys. of Semicond. Comp. , Jaszowiec 2000, p. 70 (2000) - abstract only.
69. „Diluted magnetic semiconductor hybrid structures and self-assembled quantum dots „,
J. Kossut, K. Fronc, S. Mackowski, G. Karczewski, and T. Wojtowicz,
Symposium I „Semiconductor Spintronics-Physics, Materials and Applications”, Material Research Society
(MRS) Fall Meeting, Boston, USA (2000) - abstract only - **invited**.
70. „Electron microscopy study of ZnTe/CdTe superlattice with high density of quantum dots”,
S. Kret, P. Dluzewski, A. Szczepanska, S. Mackowski, T. Wojtowicz, G. Karczewski, J. Kossut, D.
Dluzewski, P. Traczykowski, and P. Ruterna,
Symposium I „Semiconductor Spintronics-Physics, Materials and Applications”, Material Research Society
(MRS) Fall Meeting, Boston, USA (2000) - abstract only.
71. „Photomemory Effect in CdTe/Cd_{1-y}Mg_yTe Modulation Doped Quantum Well”,
M. Kutrowski, P. Kossacki, T. Wojtowicz, and J. Kossut,
NATO Advanced Research Workshop on: "Optical Probing of Many Body Effects in Nanostructures",
Wurzburg, Germany, p. P5 (2000) - abstract only.
72. „Hybrid semiconductor/paramagnetic structures”,
S. Mackowski, L. Klopotoski, J. Wrobel, K. Fronc, G. Karczewski, T. Wojtowicz, and J. Kossut,
11th Int. Winterschool on New Developments in Solid State Physics Low Dimensional Systems:
Fundamentals and Applications, Mauterndorf, Austria (2000) - abstract only.
73. „Optical and electron microscopic studies of CdTe/ZnTe self-assembled quantum dots”,
S. Mackowski, G. Karczewski, T. Wojtowicz, A. Szczepanska, S. Kret, P. Dluzewski, J. Kossut, G. Prechtl,
and W. Heiss,
PAS-JSPS, Polish Japanese Seminar on Spin-Related Phenomena in Semiconductors, Sendai, Japan,
September 11-12, 2000, p. 17 (2000) - abstract only - **invited**.
74. „Vertical arrangement of CdTe two-dimensional islands in CdTe/ZnTe superlattices”,
S. Mackowski, G. Karczewski, T. Wojtowicz, J. Kossut, A. Szczepanska, S. Kret, P. Dluzewski, G. Prechtl,
and W. Heiss,
Proc. XXIX Int. School on the Phys. of Semicond. Comp. , Jaszowiec 2000, p. 114 (2000) - abstract only.
75. „Oscillator strength for excitons in doped semimagnetic quantum wells studied by Faraday rotation”,
W. Maslana, W. Mac, P. Kossacki, A. Golnik, J. Gaj, J. Cibert, S. Tatarenko, T. Wojtowicz,
G. Karczewski, and J. Kossut,
Proc. XXIX Int. School on the Phys. of Semicond. Comp. , Jaszowiec 2000, p. 128 (2000) - abstract only.
76. „Spin-lattice relaxation in semimagnetic CdMnTe/CdMgTe quantum wells with two dimensional electron
gas”,
A. V. Scherbakov, D. R. Yakovlev, A. V. Akimov, B. Konig, W. Ossau, T. Wojtowicz, G. Karczewski, and

- J. Kossut,
Proc. XXIX Int. School on the Phys. of Semicond. Comp. , Jaszowiec 2000, p. 73 (2000) - abstract only.
77. „*Shallow donors in metal and nonmetal sublattice studied in MBE grown n-CdTe*”,
M. Szot, K. Karpierz, Z. Romanowski, M. Grynberg, G. Karczewski, T. Wojtowicz, and J. Kossut,
Proc. XXIX Int. School on the Phys. of Semicond. Comp. , Jaszowiec 2000, p. 85 (2000) - abstract only.
78. „*Magnetic order and magnons in MnTe/ZnTe superlattices: elastic and inelastic neutron scattering studies*”,
W. Szuszkiewicz, B. Hennion, E. Dynowska, E. Janik, and T. Wojtowicz,
Proc. XXIX Int. School on the Phys. of Semicond. Comp. , Jaszowiec 2000, p. 145 (2000) - abstract only.
79. „*Improvement in the electrical properties of modulation doped CdTe/CdMgTe heterostructures grown on GaAs substrate*”,
D. Wasik, M. Baj, J. Siwiec, L. Dmowski, E. Janik, and T. Wojtowicz,
Proc. XXIX Int. School on the Phys. of Semicond. Comp. , Jaszowiec 2000, p. 87 (2000) - abstract only.
80. „*Spin splitting engineering of 2DEG in CdMnTe-based quantum structures*”,
T. Wojtowicz, M. Kutrowski, G. Karczewski, J. Kossut, B. Konig, A. Keller, D. R. Yakovlev, A. Waag, J. Geurts, W. Ossau, G. Landwehr, I. A. Merkulov, G. V. Astakhov, V. Kochereshko, F. J. Teran, and M. Potemski,
PAS-JSPS, Polish Japanese Seminar on Spin-Related Phenomena in Semiconductors, Sendai, Japan, September 11-12, 2000, p. 11 (2000) - abstract only - **invited**.
81. „*Low-magnetic-field magnetoresistance in modulation doped Cd(1-x)Mn(x)Te//Cd(1-y)Mg(y)Te:I heterostructures*”,
T. Andrearczyk, J. Jaroszynski, M. Sawicki, G. Karczewski, J. Wrobel, T. Wojtowicz, T. Dietl, E. Papis, E. Kaminska, and A. Piotrowska,
Proc. XXX Int. School on the Phys. of Semicond. Comp. , Jaszowiec 2001, p. 107 (2001) - abstract only.
82. „*Influence of fringe magnetic fields on optical properties of DMS QWs in hybrid structures*”,
G. Cywinski, M. Czczot, J. Wrobel, K. Fronc, S. Mackowski, T. Wojtowicz, and J. Kossut,
Proc. XXX Int. School on the Phys. of Semicond. Comp. , Jaszowiec 2001, p. 119 (2001) - abstract only.
83. „*Spectroscopic studies of charged excitons*”,
P. Kossacki, J. Cibert, V. Ciulin, M. Kutrowski, W. Maslana, S. Tatarenko, D. Ferrand, A. Wasiela, T. Wojtowicz, B. Deveaud, and J. Gaj,
Proc. XXX Int. School on the Phys. of Semicond. Comp., Jaszowiec 2001, p. 105 (2001) - abstract only.
84. „*Resistively detected EPR of Mn²⁺ ions in a single CdMnTe quantum well*”,
F. J. Teran, M. Potemski, D. K. Maude, A. Hassan, Z. Wilamowski, J. Jaroszynski, T. Andrearczyk, G. Karczewski, and T. Wojtowicz,
Proc. XXX Int. School on the Phys. of Semicond. Comp. , Jaszowiec 2001, p. 67 (2001) - abstract only.
85. „*Elimination of parallel transport in low dimensional CdTe//CdMnTe:I heterostructures grown on GaAs substrates*”,
D. Wasik, M. Baj, J. Siwiec-Matuszyk, A. Gromada, T. Wojtowicz, E. Janik, and G. Karczewski,
Proc. XXX Int. School on the Phys. of Semicond. Comp. , Jaszowiec 2001, p. 124 (2001) - abstract only.
86. „*Magnetic properties of above-room-temperature ferromagnetic GaSb/Mn digital alloys*”,
X. Chen, M. Na, M. Cheon, S. Wang, G. B. Kim, H. Luo, B. D. McCombe, X. Liu, Y. Sasaki,
T. Wojtowicz, J. K. Furdyna, S. J. Potashnik, and P. Schiffer,
Bull. of American Phys. Soc. **Vol. 47. No.1**, 728 (2002) - abstract only.

87. „*Magnetic force microscopy of GaSb/Mn digital alloy epilayers and patterned structures*”,
M. Cheon, G. Kim, X. Chen, S. Wang, H. Luo, Y. Sasaki, T. Wojtowicz, and J. K. Furdyna,
Bull. of American Phys. Soc. **Vol. 47. No.1**, 728 (2002) - abstract only.
88. „*Cyclotron resonance studies of ferromagnetic GaSb/Mn digital alloys*”,
G. Comanescu, M. Na, K. Mooney, X. Chen, H. Luo, B. D. McCombe, X. Liu, Y. Sasaki, T. Wojtowicz, and
J. K. Furdyna,
Bull. of American Phys. Soc. **Vol. 47. No.1**, 422 (2002) - abstract only.
89. „*AC conductivity characterisation of InAs/Mn and GaSb/Mn digital alloys*”,
S. Feigh, K. Mooney, S. Wang, M. Cheon, X. Chen, H. Luo, A. G. Markelz, X. Liu, Y. Sasaki,
T. Wojtowicz, and J. K. Furdyna,
Bull. of American Phys. Soc. **Vol. 47. No.1**, 272 (2002) - abstract only.
90. „*The effect of electric bias on carrier concentration and magnetic properties of GaSb/Mn digital alloys*”,
G. Kim, M. Na, X. Chen, S. Wang, M. Cheon, H. Luo, B. D. McCombe, X. Liu, Y. Sasaki, T. Wojtowicz,
and J. K. Furdyna,
Bull. of American Phys. Soc. **Vol. 47. No.1**, 271 (2002) - abstract only.
91. „*Magnetotransport properties of ferromagnetic GaSb/Mn digital alloys*”,
M. Na, G. B. Kim, X. Chen, S. Wang, M. Cheon, H. Luo, B. D. McCombe, X. Liu, Y. Sasaki, T. Wojtowicz,
and J. K. Furdyna,
Bull. of American Phys. Soc. **Vol. 47. No.1**, 272 (2002) - abstract only.
92. „*Temperature Dependence of the Hall Effect in ferromagnetic Ga(1-x)Mn(x)As*”,
D. Ruzmetov, D. V. Baxter, J. Scherschligt, T. Wojtowicz, Y. Sasaki, X. Liu, and J. K. Furdyna,
Bull. of American Phys. Soc. **Vol. 47. No.1**, 273 (2002) - abstract only.
93. „*Anisotropic Magnetoresistance in GaMnAs*”,
J. Scherschligt, D. Baxter, D. Ruzmetov, T. Wojtowicz, X. Liu, Y. Sasaki, and J. K. Furdyna,
Bull. of American Phys. Soc. **Vol. 47. No.1**, 273 (2002) - abstract only.
94. „*XAFS of Ga(1-x)Mn(x)As alloys*”,
A. M. Stuckey, M. Boyanov, T. Shibata, T. Wojtowicz, Y. Sasaki, X. Liu, J. K. Furdyna, and B. A. Bunker,
Bull. of American Phys. Soc. **Vol. 47. No.1**, 1066 (2002) - abstract only.
95. „*Be co-doping of ferromagnetic GaMnAs*”,
T. Wojtowicz, W. L. Lim, X. Liu, Y. Sasaki, U. Bindley, M. Dobrowolska, and J. K. Furdyna,
Bull. of American Phys. Soc. **Vol. 47. No.1**, 422 (2002) - abstract only.
96. „*Effect of the lattice site locations of Mn atoms on the magnetic properties of GaMnAs*”,
K. M. Yu, W. Walukiewicz, T. Wojtowicz, I. Kuryliszyn, X. Liu, Y. Sasaki, and J. K. Furdyna,
Bull. of American Phys. Soc. **Vol. 47. No.1**, 727 (2002) - abstract only.
97. „*Mechanisms limiting the Curie temperature in GaMnAs*”,
T. Wojtowicz, W. L. Lim, X. Liu, M. Dobrowolska, J. K. Furdyna, K. M. Yu, and W. Walukiewicz,
Bull. of American Phys. Soc. **48**, 584 (2003) - **invited**.
98. „*Above-room-temperature ferromagnetism in GaSb/Mn digital alloys*”,
H. Luo, G. B. Kim, M. Cheon, X. Chen, S. Wang, B. D. McCombe, Y. Sasaki, X. Liu, T. Wojtowicz,
J. K. Furdyna, G. Boishin, and L. J. Whitman,
Bull. of American Phys. Soc. **48**, 382 (2003) - **invited**.

99. „*Mechanisms limiting the Curie temperature in GaMnAs*”,
T. Wojtowicz, W. L. Lim, X. Liu, M. Dobrowolska, J. K. Furdyna, K. M. Yu, W. Walukiewicz, I. Vurgaftman, and J. R. Meyer,
Int. Conf. and School on Semiconductor Spintronics and Quantum Information Technology, Spintech II, August 4-8 (2003) Brugge (Belgium) abstract only - **invited**.
100. „*Electronic Effects in Epitaxial Growth of Ferromagnetic III-Mn-V Alloys*”,
J. K. Furdyna, X. Liu, W. Walukiewicz, T. Wojtowicz, and K. M. Yu,
Lawrence Symposium on „Critical Issues in Epitaxy”, Tempe, Arizona, October (2003) - extended abstract - **invited**.
101. „*Quantum Hall ferromagnetism in II-VI based alloys*”,
J. Jaroszynski, T. Andrearczyk, G. Karczewski, J. Wrobel, T. Wojtowicz, E. Papis, E. Kaminska, A. Piotrowska, D. Popovic, and T. Dietl,
11-th Int. Conf. on II-VI Compounds, Niagara Falls, New York, September 22-26 (2003)(USA) - in press - **invited**.
102. „*Thermodynamic limits to the maximum Curie temperature*”,
W. Walukiewicz, K. M. Yu, T. Wojtowicz, and J. K. Furdyna,
2002 MRS Fall Meeting, December 2-5 (2002) - Boston, Massachusetts (USA), abstract only - **invited**.
103. „*Effect of extrinsic co-doping on the Curie temperature of III-Mn-V alloys*”,
T. Wojtowicz, W. L. Lim, X. Liu, F. Sasaki, U. Bindley, M. Dobrowolska, and J. K. Furdyna,
DARPA Mini Workshop, „Spintronics and Spinphotonics in InAs/GaSb-based Ferromagnetic Semiconductors”, Nashville, February (2002) - abstract only.
104. „*MBE growth and characterization of InMnSb alloy and InSb/Mn digital alloy*”,
W. L. Lim, T. Wojtowicz, X. Liu, J. K. Furdyna, M. Dobrowolska, X. Chen, S. Wang, G. B. Kim, M. Cheon, and H. Luo,
DARPA Mini Workshop, „Spintronics and Spinphotonics in InAs/GaSb-based Ferromagnetic Semiconductors”, Nashville, February (2002) - abstract only.
105. „*Effect of multiple cooling-heating temperature cycles on degradation of CdTe/CdMgTe heterostructures*”,
Z. Adamus, D. Wasik, M. Baj, T. Wojtowicz, E. Janik, and G. Cywinski,
Proc XXXI Int. School on Phys. of Semiconducting Compounds, Jaszowiec, Poland (2002) - abstract only.
106. „*Quantum Hall Ferromagnet in Magnetically-Doped Quantum wells*”,
T. Andrearczyk, J. Jaroszynski, G. Karczewski, J. Wrobel, T. Wojtowicz, E. Papis, E. Kaminska, Dragana Popovic, and T. Dietl,
Proc XXXI Int. School on Phys. of Semiconducting Compounds, Jaszowiec, Poland (2002) - abstract only.
107. „*Effect of bound magnetic polarons in spin-flip Raman scattering of quasi-bulk Cd(1-x)Mn(x)Te*”,
P. Wojnar, A. Golnik, J. Gaj, A. Kudelski, T. Wojtowicz, G. Karczewski, and G. Cywinski,
Proc XXXI Int. School on Phys. of Semiconducting Compounds, Jaszowiec, Poland (2002) - abstract only.
108. „*In-plane anisotropy of parabolic and half-parabolic Cd(1-x)Mn(x)Te quantum wells*”,
K. Kowalik, A. Kudelski, J. Gaj, and T. Wojtowicz,
Proc XXXI Int. School on Phys. of Semiconducting Compounds, Jaszowiec, Poland (2002) - abstract only.
109. „*Magnetic structure of MBE-grown, zinc blende MnTe revised: new experimental data*”,
W. Szuszkiewicz, B. Hennion, E. Dynowska, E. Janik, and T. Wojtowicz,
Proc XXXI Int. School on Phys. of Semiconducting Compounds, Jaszowiec, Poland (2002) - abstract only.
110. „*Combined exciton-electron optical processes in optical spectra of modulation doped QWs*”,
V. Kochereshko, G. V. Astakhov, D. R. Yakovlev, W. Ossau, G. Landwehr, T. Wojtowicz, G. Karczewski,

- and J. Kossut,
The Int. Conf. on Superlattices, Nano-structures and Nano-device (ICSNN 2002), Toulouse (2002) - abstract only.
111. „*Coupling of Mn²⁺ spins with 2DEG in quantum Hall regime*”,
F. J. Teran, M. Potemski, D. K. Maude, A. K. Hassan, D. Plantier, J. Jaroszynski, Z. Wilamowski, T. Wojtowicz, and G. Karczewski,
The Int. Conf. on Superlattices, Nano-structures and Nano-device (ICSNN 2002), Toulouse (2002) - abstract only - **invited**.
 112. „*Magnetic properties of above-room-temperature ferromagnetic GaSb/Mn digital alloys*”,
H. Luo, X. Chen, M. Na, M. Cheon, S. Wang, G. B. Kim, B. D. McCombe, X. Liu, F. Sasaki, T. Wojtowicz, J. K. Furdyna, S. J. Potashnik, and P. Schiffer,
Proc 2nd Int. Conf. on Physics and Application of Spin Related Phenomena in Semiconductors (2002) - abstract only - **invited**.
 113. „*Electronic effects in epitaxial growth of ferromagnetic III_{1-x}Mn_xV alloys*”,
T. Wojtowicz, X. Liu, J. K. Furdyna, K. M. Yu, and W. Walukiewicz,
Proc. 13th Semi-conducting and Insulating Materials Conference (SIMC-XIII-2004), Beijing, China, September 2004, invited, abstract only - **invited**.
 114. „*Planar Hall effect in III-Mn-V ferromagnetic semiconductor alloys*”,
W. L. Lim, X. Liu, Z. Ge, M. Dobrowolska, J. K. Furdyna, and T. Wojtowicz,
Bull. of American Phys. Soc. Vol. 49. No 1, 320 (2004), abstract only.
 115. „*Spin polarization measurements by andree reflection in InMnSb epilayers*”,
R. P. Pangulari, T. Wojtowicz, W. L. Lim, X. Liu, J. K. Furdyna, and B. Nadgorny,
Bull. of American Phys. Soc. Vol. 49. No 1, 319 (2004), abstract only.
 116. „*Micro-photoluminescence from (110) ZnSe epilayers grown on in-situ-cleaved GaAs*”,
M. Kutrowski, V. Titova, G. Cywinski, T. Wojtowicz, K. Furdyna, and M. Dobrowolska,
Proc. March Meeting American Physical Society, March 22-26, 2004, Montreal, Kanada, in Bull. of American Phys. Soc. Vol. 49. No 1, 280 (2004).
 117. „*Magnetic circular dichroism (MCD) studies on GaMnAs/ZnSe hybrid structure: experiment and modeling*”,
K. J. Yee, R. Chakarvorty, Z. Ge, M. Kutrowski, L. V. Titova, X. Liu, T. Wojtowicz, J. K. Furdyna, and M. Dobrowolska,
Bull. of American Phys. Soc. Vol. 49. No 1, 195 (2004), abstract only.
 118. „*Enhancement of Curie temperature in GaMnAs by Be remote doping*”,
T. Wojtowicz, W. L. Lim, X. Liu, M. Dobrowolska, J. K. Furdyna, K. M. Yu, W. Walukiewicz, I. Vurgaftman, and J. R. Meyer,
Bull. of American Phys. Soc. Vol. 49. No 1, 195 (2004), abstract only.
 119. „*Ferromagnetic resonance in modulation-doped GaMnAs/GaAlAs: Be heterostructures*”,
X. Liu, W. L. Lim, M. Dobrowolska, J. K. Furdyna, and T. Wojtowicz,
Bull. of American Phys. Soc. Vol. 49. No 1, 195 (2004), abstract only.
 120. „*Uniaxial in-plane magnetic anisotropy of Ga_{1-x}Mn_xAs*”
U. Welp, V. Vlasko-Vlaskov, A. Menzel, H. D. You, X. Liu, J. K. Furdyna, and T. Wojtowicz, ,
Bull. of American Phys. Soc. Vol. 49. No 1, 101 (2004), abstract only.

121. „*Annealing thickness and x dependences of the Ga_{1-x}Mn_xAs depth profile*”,
B. J. Kirby, J. A. Borchers, J. J. Rhyne, S. Velthuis, K. V. O’ Donovan, A. Hoffmann, T. Wojtowicz, X. Liu, W. L. Lim, and J. K. Furdyna,
Bull. of American Phys. Soc. Vol. 49. No 1, 195 (2004), abstract only.
122. „*Local structure about Mn Ions in III-Mn-V ferromagnetic semiconductor alloys*”,
A. M. Stuckey, I. Vasconcelos, T. Wojtowicz, X. Liu, J. K. Furdyna, and B. A. Bunker,
Proc. 46th TMS Electronic Materials Conference, Notre Dame, USA, June 23-25, 2004, p. 17, abstract only.
123. „*Ferromagnet/DMS hybrid structures: low – dimensional magnetic traps*”,
P. Redliński, T. Wojtowicz, T. Rappoport, A. Libal, J. K. Furdyna, and B. Janko,
Proc. 46th TMS Electronic Materials Conference, Notre Dame, USA, June 23-25, 2004, p. 65, abstract only.
124. „*Magnetotransport studies of magnetic anisotropy in strain-engineered InMnAs ferromagnetic layers*”,
W. L. Lim, X. Liu, Z. Ge, S. Shen, T. Wojtowicz, J. K. Furdyna, and M. Dobrowolska,
Proc. 46th TMS Electronic Materials Conference, Notre Dame, USA, June 23-25, 2004, p. 65, abstract only.
125. „*Magneto-optical studies of the magnetic anisotropy in III-Mn-As ferromagnetic semiconductors*”,
M. Kutrowski, L. Titova, K. J. Yee, W. L. Lim, X. Liu, T. Wojtowicz, J. K. Furdyna, and M. Dobrowolska,
Proc. 46th TMS Electronic Materials Conference, Notre Dame, USA, June 23-25, 2004, p. 66, abstract only.
126. „*Point Contact Andreev Reflection Spin Polarization Measurements in InMnSb Epilayers*”,
B. Nadgorny, R. P. Panguluri, T. Wojtowicz, W. L. Lim, X. Liu, and J. K. Furdyna,
Proc. 46th TMS Electronic Materials Conference, Notre Dame, USA, June 23-25, 2004, p. 17,
abstract only.
127. „*Magnetic Circular Dichroism in GaMnAs/ZnSe Hybrid Structures with Be Co-Doping*”,
R. Chakarvorty, K. J. Yee, X. Liu, P. Redlinski, Z. Ge, S. Shen, M. Kutrowski, L. Titova, T. Wojtowicz, J. K. Furdyna, B. Janko, and M. Dobrowolska,
Proc. 46th TMS Electronic Materials Conference, Notre Dame, USA, June 23-25, 2004, p. 66,
abstract only.
128. „*Anomalous Hall effect in semimagnetic semiconductors*”,
B. Brodowska, W. Dobrowolski, O. Portugall, M. Goiran, J. K. Furdyna, T. Wojtowicz, G. Cywiński,
V. K. Dugaev, and B. Witkowska,
Proc. XXXIII International School on the Physics of Semiconducting Compounds Jaszowiec 2004, p. 82,
abstract only.
129. „*Mid-infrared magneto-optical studies of Ga_{1-x}Mn_xAs random alloy films*”,
G. Acbas, S. Wang, M. Cheon, G.B. Kim, A. Markelz, H. Luo, B.D. McCombe, J. Cerne, M. Cukr, V. Novak, J. Sinova, X. Liu, J.K. Furdyna, T. Wojtowicz, M.A. Scarpulla, and O.D. Dubon,
Bull. of American Phys. Soc. (2005), abstract only.
130. „*Competition between cubic and uniaxial magnetic anisotropy in GaMnAs at low Mn concentrations films*”,
L.V. Titova, M. Kutrowski, X. Liu, R. Chakarvorty, W.L. Lim, T. Wojtowicz, J.K. Furdyna, and M. Dobrowolska,
Bull. of American Phys. Soc. (2005), abstract only.
131. „*Effect of carrier concentration on Magnetic Circular Dichroism (MCD) in GaMnAs/ZnSe hybrid structures with Be and Si co-doping*”,
R. Chakarvorty, K. J. Yee, X. Liu, P. Redlinski, M. Kutrowski, L.V. Titova, T. Wojtowicz, J.K. Furdyna, B. Janko, and M. Dobrowolska,
Bull. of American Phys. Soc. (2005), abstract only.

132. „*Peculiarities of the MBE growth and properties of ferromagnetic III-Mn-V alloys*”,
T. Wojtowicz, X. Liu, J. K. Furdyna, B. Janko, K. M. Yu, W. Walukiewicz, R. P. Panguluri, B. Nadgorny,
M. Csontos, and G. Mihaly,
Proc. XXXIV International School on the Physics of Semiconducting Compounds Jaszowiec 2005, p. 137,
abstract only – **invited**.
133. „*II-VI graded quantum well structures*”,
T. Wojtowicz,
The Second Workshop on Physics of Semiconductor Science, (WPSS' 05), April 24-26 2005, Lattakia,
Syria, abstract only - **invited**.
134. „*MBE growth and properties of ferromagnetic III-Mn-V alloys*”,
T. Wojtowicz,
The Second Workshop on Physics of Semiconductor Science, (WPSS' 05), April 24-26, 2005, Lattakia,
Syria, abstract only – **invited**.
135. „*Electronic effects in epitaxial growth of ferromagnetic $III_{1-x}Mn_xV$ alloys*”,
T. Wojtowicz,
International Workshop on Spin Phenomena in Reduced Dimensions, March 10-12, 2005,
Regensburg/Bawaria, Germany, abstract only - **invited**.
136. „*Pressure induced enhancement of the exchange coupling in (III, Mn)V magnetic semiconductors*”,
G. Mihály, M. Csontos, B. Janko, T. Wojtowicz, X. Liu, and J. K. Furdyna,
Proc. XXXIV International School on the Physics of Semiconducting Compounds Jaszowiec 2005, p. 141,
abstract only.
137. „*Local structure study of (Ga,Mn)As using Mn K-edge X-ray absorption fine structure*”,
A. Twaróg, R. Bacewicz, A. Malinowska, T. Wojtowicz, X. Liu and J. K. Furdyna,
Proc. XXXIV International School on the Physics of Semiconducting Compounds Jaszowiec 2005, p. 41,
abstract only.
138. „*Dynamic of spin temperature in CdMnTe/CdZnTe quantum wells*”,
K. Werner-Malento, A. Golnik, P. Kossacki, M. Goryca, T. Wojtowicz, and
M. Kutrowski,
Proc. XXXIV International School on the Physics of Semiconducting Compounds Jaszowiec 2005, p. 109,
abstract only.
139. „*Novel nanowire devices*”,
T. Wojtowicz,
Proc. XXXV International School on the Physics of Semiconducting Compounds Jaszowiec 2006, abstract
only - **invited**.
140. „*Growth and properties of II -VI nanowires based on Zn*”,
T. Wojtowicz,
II Polish – Korean Workshop on Magnetic Semiconductors, Pułtusk, 19-21.07.2006, Poland, abstract only -
invited.
141. „*Spatial mapping of the probability densities of carriers confined in rectangular quantum wells*”,
Ł. Kłopotowski, A. Gruszczyńska, M. Wiater, P. Kossacki, G. Karczewski, and
T. Wojtowicz,
Proc. XXXV International School on the Physics of Semiconducting Compounds Jaszowiec 2006, abstract
only.
142. „*Spin and charge relaxations in magnetic and nonmagnetic narrow-gap semiconductors*”,
K. Nantapot, A. Gifford, T. Merritt, G. A. Khodaparast, S. J. Chung, N. Goel, M. B. Santos, T. Wojtowicz,

- X. Liu, and J. K. Furdyna,
Bulletin of the APS, March Meeting, March 13-17, 2006, Baltimore, abstract only.
143. „*Pressure dependent magnetotransport properties of dilute magnetic semiconductors*”,
M. Csontos, G. Mihaly, T. Wojtowicz, B. Janko, X. Liu, and J. K. Furdyna,
Bulletin of the APS, March Meeting, March 13-17, 2006, Baltimore, abstract only.
144. „*Optical spin pumping of low-dense electron gas in CdTe- based quantum wells*”,
G. V. Astakhov, H. Hoffmann, T. Kiessling, W. Ossau, G. Karczewski, T. Wojtowicz, J. Kossut, and L. W. Molenkamp,
Proc. 28 th International Conference on the Physics of Semiconductors 24 - 28 July 2006, Vienna, Austria,
abstract only.
145. „*Spin coherence of electrons in n-doped CdTe/(Cd, Mg)Te quantum wells*”,
R. Bratschitsch, Z. Chen, S. T. Cundiff, E. A. Zhukov, D. Yakovlev, G. Karczewski, T. Wojtowicz, and J. Kossut,
Proc. 28 th International Conference on the Physics of Semiconductors 24 - 28 July 2006, Vienna, Austria,
abstract only.
146. „*Nitrogen doping of ZnTe-based alloys during MBE growth*”,
W. Zaleszczyk, E. Przędziecka, M. Wiater, G. Cywiński, R. Butkute, G. Karczewski, and T. Wojtowicz,
Proc. XXXV International School on the Physics of Semiconducting Compounds Jaszowiec 2006, abstract
only.
147. „*Catalitic growth and characterization of ZnTe nanowires*”,
E. Janik, J. Sadowski, P. Dłużewski, S. Kret, A. Presz, L. T. Baczewski, E. Łusakowska, J. Wróbel, G.
Karczewski, and T. Wojtowicz,
Proc. XXXV International School on the Physics of Semiconducting Compounds Jaszowiec 2006, abstract
only.
148. „*Electrical properties of CdTe quantum dots*”,
A. Nowak, E. Placzek-Popko, T. Wojtowicz, M. Wiater, M. Guzewicz, Z. Gumienny, and G. Karczewski,
Proc. XXXV International School on the Physics of Semiconducting Compounds Jaszowiec 2006, abstract
only.
149. „*ZnTe-based semiconductor nanowires grown by catalytically enhanced MBE*”,
T. Wojtowicz,
First Polish-American Symposium: New Low Dimensional Structures of Wide Gap Semiconductors for
Spintronics and New Functional Materials, 24-25 Maj 2007 Warsaw, Poland, abstract only - **invited**.
150. „*Zn-based semiconductor nanowires for future electronics, biology and medicine*”,
T. Wojtowicz,
Inter-Academy Meeting on “Nano-science and Nano-technology: risks and benefits for healths and
environment”, November 21-23, 2007, Paris, France, abstract only - **invited**.
151. „*Catalytic growth by molecular beam epitaxy and properties of ZnTe-based semiconductor nanowires*”,
T. Wojtowicz, E. Janik, W. Zaleszczyk, J. Sadowski, G. Karczewski, P. Dłużewski, S. Kret, W.
Szuszkiewicz, E. Dynowska, J. Z. Domagała, M. Aleszkiewicz, L.T. Baczewski, A. Petrouchik, A. Presz,
W. Pacuski, A. Golnik, P. Kossaki, J.F. Morhange, H. Kirmse, and W. Caliebe,
Fifth International Conference on Solid State Crystals & Eight Polish Conference on Crystal Growth,
Zakopane, Poland, 20-24 May, 2007, abstract only- **invited**.
152. „*Nanodrutki półprzewodnikowe na bazie cynku*”,
T. Wojtowicz,
I Krajowa Konferencja Nanotechnologii, 26-28 kwietnia 2007 r, Wrocław, Poland, abstract only – **invited**.

153. „*Zn_{1-x}Mn_xTe-based diluted magnetic semiconductor nanowires grown by catalytically enhanced MBE*”,
T. Wojtowicz,
Polish-Japanese Joint Seminar on Ferromagnetism and Magnetic Nanostructures in Semiconductors,
September 27-28, 2007, Leszno near Warsaw, Poland, abstract only – **invited**.
154. „*Colossal magnetoresistance in (Cd,Mn) Te heterostructures*”,
T. Andrearczyk, W. Zaleszczyk, M. Wiater, T. Wojtowicz, T. Dietl, G. Karczewski, D. Popović, and J.
Jaroszyński,
Proc. 13th International Conference on II-VI Compounds September 10-14, 2007 Jeju, Korea, p. 70, abstract
only.
155. „*Optical and electrical charging of self assembled CdTe quantum dots*”,
Ł. Kłopotowski, A. Kudelski, P. Wojnar, O. Krebs, P. Vosin, G. Karczewski, and T. Wojtowicz,
International Workshop on Quantum Dots and Laser Applications July 12-14, 2007 Wrocław, Poland. p. 12,
abstract only.
156. „*Time resolved magneto-optical studies of ferromagnetic InMnSb films*”,
M. Frazier, R. Kini, K. Nontapot, A. Gifford, G. Khodaparast, T. Wojtowicz, X. Liu, and
J. Furdyna,
APS March Meeting, March 5-9, 2007, Denver, Colorado, abstract only.
157. „*High pressure studies of CdTe self-assembled quantum dots grown by MBE*”,
S. Kobyakov, D. Galanciak, A. Sauchocki, G. Karczewski, and T. Wojtowicz,
Proc. XXXVI International School on the Physics of Semiconducting Compounds Jaszowiec 2007. p. 193,
abstract only.
158. „*Spectral shift of exciton lines in CdMnTe/CdMgTe quantum wells under resonant excitation studied by
femtosecond pump-probe reflectivity*”,
A. Trajnerowicz, A. Golnik, P. Kossacki, W. Pacuski, W. Bardyszewski, M. Wiater,
G. Karczewski, and T. Wojtowicz,
Proc. XXXVI International School on the Physics of Semiconducting Compounds Jaszowiec 2007. p. 69,
abstract only.
159. „*Transport properties of magnetic field induced DMS quantum wells in CdMnTe/CdMgTe
heterostructures*”,
V. Kolkovsky, T. Wojtowicz, and G. Karczewski,
Proc. XXXVI International School on the Physics of Semiconducting Compounds Jaszowiec 2007. p. 184,
abstract only.
160. „*Magnetoresistance in the vicinity of ferromagnet-paramagnet phase transition in semimagnetic
semiconductors*”,
B. Brodowska, W. Dobrowolski, I. Kurliszyn-Kudelsaka, M. Arciszewska, T. Wojtowicz, E. I. Slynko, V.
E. Slynko, X. Liu, and J. K. Furdyna,
Proc. XXXVI International School on the Physics of Semiconducting Compounds Jaszowiec 2007. p. 39,
abstract only.
161. „*Raman scattering studies of MBE-grown ZnTe, Zn_{1-x}Cd_xTe and Zn_{1-x}Mg_xTe nanowires*”,
W. Szuszkiewicz, J. F. Morhange, E. Dynowska, E. Janik, W. Zaleszczyk, J. Z. Domagała,
W. Caliebe, G. Karczewski, and T. Wojtowicz,
Proc. XXXVI International School on the Physics of Semiconducting Compounds Jaszowiec 2007. p. 52,
abstract only.
162. „*Changes of LH exciton line in CdMnTe/CdMgTe quantum wells under resonant excitation of HH exciton*”,
A. Trajnerowicz, A. Golnik, P. Kossacki, W. Pacuski, W. Bardyszewski, M. Wiater, G. Karczewski, and T.
Wojtowicz,

- Proc. 13th International Conference on II-VI Compounds September 10-14, 2007 Jeju, Korea. p. 367, abstract only.
163. “*Growth and Properties of Telluride Nanowires*”,
T. Wojtowicz,
Workshop on Recent Advances in Low Dimensional Structures and Devices (WRA-LDSD), April 7-9, 2008, Nottingham, UK - abstract only - **invited**.
 164. „*II-VI semiconductor nanostructures for nanoelectronics, biology and medicine of the future*”,
T. Wojtowicz,
2-nd National Conference on Nanotechnology, 24-28 June 2008 r, Kraków, Poland, abstract only – **invited plenary**.
 165. “*Zn_{1-x}Mn_xTe-based diluted magnetic semiconductor nanowires grown by catalytically enhanced MBE*”,
T. Wojtowicz,
Int. Workshop on Spin Phenomena in Reduced Dimensions, September 24-27, 2008, Regensburg, Germany - abstract only - **invited**.
 166. “*Raman spectroscopy of MBE-grown, ZnTe-based nanowires*”,
W. Szuszkiewicz, J.F. Morhange, E. Janik, W. Zaleszczyk, G. Karczewski, T. Wojtowicz,
VI International School-Conference on Semiconductor Physics, September 23-26, 2008, Drohobych, Ukraine - abstract only - **invited**.
 167. „*Raman spectroscopy of ZnTe-based nanowires grown by MBE*”,
W. Szuszkiewicz, J.F. Morhange, E. Janik, W. Zaleszczyk, G. Karczewski, T. Wojtowicz,
2008 E-MRS Fall Meeting, September 15-19, 2008, Warsaw, Poland - **invited**.
 168. „*Technology and properties of semiconductor nanowires based on Zn*“,
T. Wojtowicz, E. Janik, W. Zaleszczyk, K. Fronc, J. Sadowski, G. Karczewski,
P. Dłużewski, S. Kret, W. Szuszkiewicz, E. Dynowska, J. Z. Domagała, M. Aleszkiewicz,
L. T. Baczewski, A. Petrouchik, A. Presz, W. Pacuski, A. Golnik, P. Kossacki,
J. F. Morhange, H. Kirmse, W. Neumann, and W. Caliebe,
2-nd Meeting of the Network „New materials and sensors for optoelectronics, information technology, energetic applications and medicine“, April 11-13, 2008, Będlewo, Poland.
 169. „*Spin polarized 2DEG in CdTe/CdMgTe modulation doped quantum wells*“,
V. Yu. Ivanov, M. Wiater, V. Kolkovsky, W. Zaleszczyk, J. Debus, D. R. Yakovlev,
T. Wojtowicz, G. Karczewski, and M Godlewski,
Proc. XXXVII International School on the Physics of Semiconducting Compounds Jaszowiec, June 7-13 2008. p. 84.
 170. „*Defect formation in semiconductor nanowires*“,
H. Kirmse, I. Häusler, W. Neuman, S. Kret, P. Dłużewski, E. Janik, G. Karczewski, and
T. Wojtowicz,
PARSEM 3rd YEAR WORKSHOP/MEETING, Selwyn College, Grande Road, Cambridge, 25-28 March 2008, p. 21- abstract only.
 171. „*TEM characterisation of MBE grown CdTe/ZnTe axial nanowires*”,
P. Dłużewski, E. Janik, S. Kret, W. Zaleszczyk, D. Tang, G. Karczewski, and T. Wojtowicz,
Proc. XIII International Conference on Electron Microscopy, 8-11 June, Zakopane, Poland.
 172. „*Stacking fault formation in ZnTe nanowires*”,
H. Kirmse, W. Neuman, S. Kret, P. Dłużewski, E. Janik, G. Karczewski, and T. Wojtowicz,
16. Jahrestagung der Deutschen Gesellschaft für Kristallographie, March 3-6, 2008, Erlangen, Germany - abstract only.

173. „*Quantum confined stark effect in single self-assembled CdTe quantum dots*”,
 Ł. Kłopotowski, A. Kudelski, P. Wojnar, A. I. Tartakovskii, M. S. Skolnick, O. Krebs, P. Vosin,
 G. Karczewski, and T. Wojtowicz,
 Proc. 29th Int. Conference on Physics of Semiconductors – ICPS 2008, July 27- August 1, 2008, Rio de
 Janeiro, Brazil p. 626.
174. „*Zn_{1-y}Mg_yTe mixed crystal based nanowire structures*“,
 E. Janik, W. Zaleszczyk, W. Szuszkiewicz, J. F. Morhange, P. Dłużewski, S. Kret, E. Dynowska, A. Presz,
 L. T. Baczewski, A. Petrouchik, G. Karczewski, and T. Wojtowicz,
 Proc. XXXVII International School on the Physics of Semiconducting Compounds Jaszowiec June 7-13,
 2008. p. 122 - abstract only.
175. „*Nanodrutry heterozłączone o strukturze radialnej na bazie nanodrutów z tellurku cynku*“,
 E. Janik, W. Zaleszczyk, A. Presz, S. Kret, P. Dłużewski, E. Dynowska, A. Szczepanik,
 E. Guziewicz, M. Godlewski, G. Karczewski, and T. Wojtowicz,
 II Krajowa Konferencja Nanotechnologii, Kraków, 25 – 28 czerwca 2008- abstract only.
176. „*Nanokatalizatory wytwarzane za pomocą nanolitografii elektronowej i napyłania magnetronowego*“,
 P. Jakubas, M. Czapiewicz, J. Wróbel, K. Fronc, W. Zaleszczyk, A. Presz, M. Aleszkiewicz,
 G. Karczewski, and T. Wojtowicz,
 II Krajowa Konferencja Nanotechnologii, Kraków, 25 – 28 czerwca 2008- abstract only.
177. „*Nanodrutry ZnO na warstwie NiO:element konstrukcyjny planarnej diody elektroluminescencyjnej*“,
 W. Zaleszczyk, K. Fronc, E. Przeździecka, E. Janik, A. Presz, M. Czapkiewicz, J. Wróbel,
 W. Paszkowicz, M. Wiater, Ł. Kłopotowski, G. Karczewski, and T. Wojtowicz,
 II Krajowa Konferencja Nanotechnologii, Kraków, 25 – 28 czerwca 2008 - abstract only.
178. „*Analysis of atomic structure and structural imperfections of ZnTe and (Zn,Mn)Te nanowires*“,
 W. Neumann, H. Kirmse, S. Kret, P. Dłużewski, E. Janik, A. Presz, G. Karczewski, and
 T. Wojtowicz,
 XXI Congress of the International Union of Crystallography, IUCR 2008, 12-31 August, 2008, Osaka,
 Japan - abstract only.
179. „*Spin coherence of holes in semiconductor quantum wells*“,
 D. R. Yakovlev, E. A. Zhukov, M. Syperek, G. Karczewski, T. Wojtowicz, J. Kossut, and
 M. Bayer, Proc. 29th Int. Conference on Physics of Semiconductors – ICPS 2008, July 27- August 1, 2008,
 Rio de Janeiro, Brazil, p. 234.
180. „*Influence of photo-generated carriers on the Mn-spins in CdMnTe quantum well studied by spin-flip-
 raman-spectroscopy*“,
 C. Kehl, G. Astakhov, J. Geurts, W. Ossau, Yu. G. Kusrayev, K. V. Kavokin, and T. Wojtowicz,
 Proc. 29th Int. Conference on Physics of Semiconductors – ICPS 2008, July 27- August 1, 2008, Rio de
 Janeiro, Brazil p. 235.
181. „*Relaxation of magnetization controlled by spin diffusion in II-VI diluted-magnetic-semiconductor
 heterostructures*“,
 D. R. Yakovlev, A. A. Maksimov, M. K. Kneip, M. Arlt, A. I. Tartakovskii, G. Karczewski,
 T. Wojtowicz, J. Kossut, and M. Bayer,
 Proc. 29th Int. Conference on Physics of Semiconductors – ICPS 2008, July 27- August 1, 2008, Rio de
 Janeiro, Brazil p. 248.
182. „*Zn_{1-x}Mn_xTe-based diluted magnetic semiconductor nanowires structures grown by MBE*“,
 W. Zaleszczyk, E. Janik, P. Dłużewski, S. Kret, W. Szuszkiewicz, A. Presz, J. F. Morhange,
 E. Dynowska, A. Petrouchik, L. T. Baczewski, G. Karczewski, H. Kirmse, W. Neuman, and
 T. Wojtowicz,

- Proc. 29th Int. Conference on Phys. of Semiconductors – ICPS 2008, July 27- August 1, 2008, Rio de Janeiro, Brazil p. 100.
183. *“The crystallographic structure of catalytically grown ZnTe nanowires”*,
E. Dynowska, W. Szuszkiewicz, J. Z. Domagała, E. Janik, T. Wojtowicz, G. Karczewski, and W. Caliebe,
Proc. 9th International School and Symposium on Synchrotron Radiation in Natural Science, June 15-20, Ameliowka, Poland 2008.
 184. *„Interlayer exchange coupling in MnTe/ZnTe superlattices: Magnetic order, magnon confinement and propagation“*.
B. Hennion, W. Szuszkiewicz, S. Petit, E. Dynowska, E. Janik, G. Karczewski, and T. Wojtowicz,
Proc. 14th International Conference on II-VI Compounds, St. Petersburg, Russia, August 24-28, 2009.
p. 73.
 185. *„Opracowanie tlenkowych nanostruktur”*,
T. Wojtowicz
I Konferencja Kwantowe Nanostruktury Półprzewodnikowe do Zastosowań w Biologii i Medycynie, 3-4 lutego 2009, Instytut Fizyki PAN.
 186. *„MBE growth and properties of telluride nanostructures”*
T. Wojtowicz
15th European Molecular Beam Epitaxy Workshop, Zakopane, Poland, March 8-11, 2009.
 187. *„Nanowires and 2D modulation doped nanostructures based on tellurides”*
T. Wojtowicz
E-MRS Fall Meeting, September 14 - 18, University of Technology, Warsaw, Poland
 188. *„Self-assembled epitaxial quantum dots formed by phase separation“*
G. Springholz, T. Schwarzl, S. Kriechbaumer, H. Groiss, A. Hochreiner, W. Heiss, F. Schaffler, E. Kaufmann, S. Pichler, T. Wojtowicz, K. Koike, T. Hotei, H. Harada, and M. Yano
SemiconNano 2009, Anan., Tokushima, Japan, August 9 – 14, 2009.
 189. *„Optical manipulation of electron spin coherence in CdTe/CdMgTe quantum wells“*
E. A. Zhukov, M. M. Glazov, E. L. Ivchenko, D. R. Yakovlev, L. Fokina, G. Karczewski, T. Wojtowicz, J. Kossut, and M. Bayer
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p. 80.
 190. *„Coherence – mediated optical control of spins of excitons and trions in CdTe/CdMgTe quantum wells“*
J. H. Versluis, A. V. Kimel, V. N. Gridnev, D. R. Yakovlev, G. Karczewski, T. Wojtowicz, J. Kossut, A. Kirlyuk, and Th. Rasing
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p. 81.
 191. *„ZnTe-based core-shell nanowires grown by molecular beam epitaxy“*
W. Zaleszczyk, E. Janik, T. Wojciechowski, S. Kret, P. Dłużewski, E. Dynowska, A. Presz, G. Karczewski, and T. Wojtowicz
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p. 115.
 192. *„High electron mobility CdTe-based quantum well structures”*
V. Kolkovsky, M. Wiater, G. Karczewski, C. Betthausen, A. Vogl, D. Weiss, T. Wojtowicz

5th International School and Conference on Spintronics and Quantum Information Technology,
7-11 lipca 2009, Kraków, Polska.

193. „*(Zn, Mn)Te-based nanowires for spintronic applications: A TEM study of the structural and chemical properties*“
H. Kirmse, W. Neumann, S. Kret, P. Dłużewski, E. Janik, W. Zaleszczyk, A. Presz, G. Karczewski, and T. Wojtowicz,
THERMEC' 2009 – International Conference on Processing & Manufacturing of Advanced Materials, 25-29 sierpnia 2009, Berlin, Germany.
194. „*TEM characterization of axial CdTe/ZnTe nanowires and simulation of growth by finite element method*“
H. Kirmse, W. Neumann, P. Dłużewski, S. Kret, T. Wojtowicz, and D. Klimm
25th European Crystallographic Meeting, August 16-21, 2009, Istanbul, Turkey.
195. „*TEM analysis of VLS-grown CdTe/ZnTe heterostructure nanowires*“,
H. Kirmse, I. Häusler, W. Neumann, S. Kret, P. Dłużewski, E. Janik, G. Karczewski,
and T. Wojtowicz
XVI Conference on Microscopy on Semiconducting Materials (MSM), March 17-20, 2009, Oxford, Great Britan.
196. „*TEM analysis of VLS-grown CdTe/ZnTe heterostructure nanowires*“
H. Kirmse, I. Häusler, W. Neumann, S. Kret, P. Dłużewski, E. Janik, G. Karczewski, and
T. Wojtowicz
17th Jahrestagung der Deutschen Gesellschaft für Kristallographie, March 9-12, 2009, Hannover, Germany
197. „*Spin currents in diluted magnetic semiconductors induced by THz radiation*”
P. Olbrich, S. A. Tarasenko, V.V. Bel'kov, Ch. Brinsteiner, W. Eder, D. R. Yakovlev,
V. Kolkovsky, W. Zaleszczyk, G. Karczewski, T. Wojtowicz, D. Weiss, and S. D. Ganichev
18th International Conference on Electronic Properties of Two-Dimensional Systems (EP2DS-18) and the
14th International Conference on Modulated Semiconductor structures (MSS-14), July 19-24, 2009, Kobe,
Japan.
198. „*High electron mobility Cd(1-x)Mn(x)Te/Cd(1-y)Mg(y)Te quantum well structures*“
V. Kolkovsky, M. Wiater, G. Karczewski, Ch. Betthausen, A. Vogl, D. Weiss, and T. Wojtowicz
Proc. XXXVIII International School and Conference on the Physics of Semiconductors „Jaszowiec“ 2009,
Krynica – Zdrój, Poland, June 19 – 26, 2009. p. 55.
199. „*Radial nanowires based on ZnTe grown molecular beam epitaxy*“,
W. Zaleszczyk, E. Janik, S. Kret, P. Dłużewski, T. Wojciechowski, A. Presz, E. Dynowska,
G. Karczewski, and T. Wojtowicz
Proc. XXXVIII International School and Conference on the Physics of Semiconductors „Jaszowiec“ 2009,
Krynica – Zdrój, Poland, June 19 – 26, 2009. p. 99.
200. „*ZnO nanowire structures grown by ALD technique on Zn_{1-x}Mn_xTe nanowire templates*“
E. Janik, A. Wachnicka, Ł. Wachnicki, W. Zaleszczyk, A. Presz, S. Kret, P. Dłużewski,
E. Guzewicz, M. Godlewski, G. Karczewski, and T. Wojtowicz,
Proc. XXXVIII International School and Conference on the Physics of Semiconductors „Jaszowiec“ 2009,
Krynica – Zdrój, Poland, June 19-26, 2009. p.101.
201. „*Influence of high pressure on tyhe luminescence of CdTe and CdMnTe self-assembled quantum dots grown
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P. Łach, G. Karczewski, M. Wiater, T. Wojtowicz, A. Kamińska, and A. Suchocki
Proc. XXXVIII International School and Conference on the Physics of Semiconductors „Jaszowiec“ 2009,
Krynica – Zdrój, Poland, June 19-26, 2009. p. 112.

202. „Two-dimensional electron gas in CdTe-based quantum wells“
J. Kunc, R. Grill, M. Orlita, C. Faugeras, M. Potemski, G. Karczewski, and T. Wojtowicz
Proc. XXXVIII International School and Conference on the Physics of Semiconductors „Jaszowiec“ 2009,
Krynica – Zdrój, Poland, June 19-26, 2009. p. 163.
203. „Competition between above- and below-barrier excitation in the photo-modulation of quantum well optical spectra“
D. Wolverson, J. J. Davies, L. C. Smith, A. V. Koudinov, Yu. G. Kusrayev, M. Wiater,
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Proc. 14th International Conference on II-VI Compounds, St. Petersburg, Russia,
August 24-28, 2009. p. 147.
204. „Zn_{1-x}Mn_xTe-ZnO core-shell nanowire structures grown by combination of MBE and low temperature ALD techniques“
E. Janik, A. Wachnicka, Ł. Wachnicki, E. Guziewicz, M. Godlewski, W. Zaleszczyk, A. Presz,
S. Kret, P. Dłużewski, G. Karczewski, and T. Wojtowicz
Proc. 14th International Conference on II-VI Compounds, St. Petersburg, Russia,
August 24-28, 2009. p. 166.
205. „Influence of photo-generated carriers on the Mn-spins in CdMnTe quantum wells studied by spin-flip-Raman spectroscopy in a two-colour experiment“
C. Kehl, G. Astakhov, J. Geurts, W. Ossau, Yu. Kusrayev, K. Kavokin, and T. Wojtowicz
Proc. 14th International Conference on II-VI Compounds, St. Petersburg, Russia,
August 24-28, 2009. p. 209.
206. „Relaxation of magnetization controlled by spin diffusion in CdMnTe quantum wells“
J. Debus, D. R. Yakovlev, A. A. Maksimov, M. K. Kneip, G. Karczewski, T. Wojtowicz, J. Kossut, and M. Bayer
Proc. 14th International Conference on II-VI Compounds, St. Petersburg, Russia,
August 24-28, 2009. p. 210.
207. „Electrical control of spin polarization in a CdMnTe/CdMgTe quantum well on a micrometr scale“
Y. S. Chen, T. Kümmell, G. Bacher, M. Wiater, G. Karczewski, and T. Wojtowicz
Proc. 14th International Conference on II-VI Compounds, St. Petersburg, Russia,
August 24-28, 2009. p. 211.
208. „Raman scattering studies of ZnO containing Co: bulk crystals, tetrapodes, and nanowires“
W. Szuszkiewicz, J. F. Morhange, A. Łusakowski, M. Kanehisa, K. Fronc, Z. Gołacki,
T. Wojciechowski, and T. Wojtowicz
Proc. 14th International Conference on II-VI Compounds, St. Petersburg, Russia,
August 24-28, 2009. p. 219.
209. „Characterization of ZnO nanofibers obtained by electrospinning followed by calcination“
A. Baranowska-Korczyk, B. Sikora, W. Zaleszczyk, A. Nowicka, K. Fronc, W. Knoff, K. Gas,
W. Paszkowicz, W. Szuszkiewicz, K. Świątek, Ł. Kłopotowski, K. Sobczak, P. Dłużewski,
G. Karczewski, T. Wojtowicz, J. Bujak, and D. Elbaum
12th International Conference on the Formation of Semiconductor Interfaces (ICFSI-12), Weimar,
July 05-10, 2009, Niemcy.
210. „Synthesis and properties of colloidal ZnO nanocrystals“
B. Sikora, A. Baranowska-Korczyk, W. Zaleszczyk, A. Nowicka, K. Fronc, W. Knoff, K. Gas, W.
Paszkowicz, W. Szuszkiewicz, K. Świątek, Ł. Kłopotowski, K. Sobczak, P. Dłużewski,
G. Karczewski, T. Wojtowicz, I. Fijałkowska, D. Elbaum
12th International Conference on the Formation of Semiconductor Interfaces (ICFSI-12), Weimar,
July 05-10, 2009, Niemcy.

211. „*Quasi one-dimensional Co-doped ZnO nanostructures*“, K. Gas, K. Fronc, P. Dziawa, W. Knoff, T. Wojciechowski, W. Zaleszczyk, A. Baranowska-Korczyk, J. F. Morhange, W. Paszkowicz, D. Elbaum, G. Karczewski, T. Wojtowicz, and W. Szuszkiewicz, „*Quasi one-dimensional Co-doped ZnO nanostructures*“ 5th International School and Conference on Spintronics and Quantum Information Technology, 7-11 lipca 2009, Kraków, Polska.
212. „*Quantum hall effect in CdTe-based quantum wells*“ J. Kunc, P. Plochocka, K. Kowalik, F. J. Teran, R. Grill, D. K. Maude, M. Potemski, T. Wojtowicz, and G. Karczewski
18th International Conference on Electronic Properties of Two-Dimensional Systems (EP2DS-18) and the 14th International Conference on Modulated Semiconductor structures (MSS-14), July 19-24, 2009, Kobe, Japan.
213. „*Fractional quantum Hall effect in CdTe and Cd_{1-x}Mn_xTe high electron mobility quantum wells*“ C. Betthausen, V. Kolkovsky, G. Karczewski, T. Wojtowicz, and D. Weiss
8th International Conference on Electronic Properties of Two-Dimensional Systems (EP2DS-18) and the 14th International Conference on Modulated Semiconductor structures (MSS-14), July 19-24, 2009, Kobe, Japan.
214. „*Magneto-polarons in quasi two-dimensional electron systems*“ C. Faugeras, M. Orlita, J. Kunc, S. Deutschlander, G. Martinez, M. Potemski, P. Y. Yu, A. Riedel, R. Hey, K. J. Friedland, G. Karczewski, and T. Wojtowicz
18th International Conference on Electronic Properties of Two-Dimensional Systems (EP2DS-18) and the 14th International Conference on Modulated Semiconductor structures (MSS-14), July 19-24, 2009, Kobe, Japan.
215. „*TEM characterization of axial CdTe/ZnTe nanowires and simulation of strain induced diffusion by finite element method*“ H. Kirmse, I. Häusler, W. Neumann, P. Dłużewski, S. Kret, T. Wojtowicz, and D. Klimm
9 th Multinational Conference on Microscopy, August 30 th -September 4th, 2009, Graz, Austria.
216. „*Opracowanie tlenkowych nanostruktur*“ T. Wojtowicz
II Konferencja Nanostruktury Półprzewodnikowe do Zastosowań w Biologii i Medycynie, Instytut Fizyki PAN, 13-14 kwietnia, 2010 r.- **invited.**
217. „*A novel synthesis method for fabrication of self-assembled quantum dots based on phase separation*“ G. Springholz, A. Hochreiner, T. Schwarzl, S. Kriechbaumer, H. Groiss, E. Kaufmann, S. Pichler, W. Heiss, F. Schäffler, T. Wojtowicz, K. Koike, T. Hotei, H. Harada, and M. Yano
Proc. Villa Conference on Interactions Among Nanostructures (VCIAN), June 21-25, 2010 Santorini, Grece. – **invited.**
218. „*Widely tunable mid-infrared photoluminescence from epitaxial PbTe quantum dots embedded in a CdTe matrix*“ A. Hochreiner, T. Schwarzl, S. Kriechbaumer, M. Eibelhuber, H. Groiss, V. Kolkovsky, G. Karczewski, T. Wojtowicz, W. Heiss, G. Bauer, and G. Springholz
30th International Conference on the Physics of Semiconductors, July 25-30, 2010, Seul, South Korea. – **invited.**
219. „*Formation dynamics of magnetic polarons in single self-assembled CdMnTe quantum dots*“ Ł. Kłopotowski, Ł. Cywiński, V. Voliotis, A. Enderlin, M. Ravaro, R. Grousson, P. Wojnar, K. Fronc, G. Karczewski, T. Wojtowicz, and T. Dietl
Proc. XXXIX International School on the Physics of Semiconducting Compounds, June 19-24, Krynica Górská 2010, p. 178.

220. „*Epitaxial growth of CdTe anti-dots in PbTe matrix*“
M. Szot, K. Dybko, P. Dziawa, L. Kowalczyk, E. Smajek, V. Domukhovski, P. Dłużewski, A. Reszka, B. J. Kowalski, M. Wiater, T. Wojtowicz, and T. Story
Proc. XXXIX International School on the Physics of Semiconducting Compounds, June 19-24, Krynica Górská 2010 p. 180.
221. „*THz radiation induced spin currents in diluted magnetic semiconductors*“
P. Olbrich, M. Schmalzbauer, Ch. Brinsteiner, S. A. Tarasenko, V. V. Bel'kov, W. Eder, D. R. Yakovlev, V. Kolkovsky, W. Zaleszczyk, G. Karczewski, T. Wojtowicz, D. Weiss, and S. D. Ganichev
The 6th International Conference on the Physics and Applications of Spin Related Phenomena in Semiconductors PASPS-VI, August 1 – August 4, 2010, Tokio, Japan.
p. 10.
222. „*The kinetic motion of electrons slows the spin propagation*“,
J. Gomez, F. Perez, E. M. Hankiewicz, B. Jusserand, T. Wojtowicz, and G. Karczewski
The 6th International Conference on the Physics and Applications of Spin Related Phenomena in Semiconductors PASPS-VI, August 1 – August 4, 2010, Tokio, Japan.
p. 11.
223. „*MIR lasers and LEDs based on epitaxial PbTe/CdTe quantum dots with spherical shapes*“
A. Hochreiner, M. Eibelhuber, T. Schwarzl, H. Groiss, V. Kolkovsky, G. Karczewski, T. Wojtowicz, W. Heiss and G. Springholz
Proc. 10th International Conference on Mid-Infrared Optoelectronics: Materials and Devices, 5th - 9th September, 2010, Shanghai, China.
224. „*MBE grown mid-infrared devices based on PbTe quantum dots in a CdTe matrix*“
A. Hochreiner, M. Eibelhuber, T. Schwarzl, H. Groiss, V. Kolkovsky, G. Karczewski, T. Wojtowicz, W. Heiss, and G. Springholz
Proc. 16th International Conference on Molecular Beam Epitaxy, August 22-27, 2010, Berlin, Germany.
225. „*ZnTe based microcavities containing CdTe QDs with a single Mn ion*“
W. Pacuski, T. Jakubczyk, J. Kobak, A. Golnik, T. Kazimierzuk, M. Goryca, P. Kossacki, J. A. Gaj, G. Karczewski, M. Wiater, T. Wojtowicz, C. Kruse, and D. Hommel
Proc. 16th International Conference on Molecular Beam Epitaxy, August 22-27, 2010, Berlin, Germany.
226. „*Emisja światła z kropki kwantowej w strukturze fotoniczne*“
W. Pacuski, T. Jakubczyk, A. Golnik, T. Kazimierzuk, M. Goryca, P. Kossacki, J.A. Gaj, G. Karczewski, M. Wiater, T. Wojtowicz, C. Kruse, and D. Hommel
IV Krajowa Konferencja Nanotechnologii, 28 czerwca -2 lipca 2010, Poznań, Polska.
227. „*Formation dynamics of spontaneous magnetization in single self-assembled CdMnTe quantum dots*“
Ł. Kłopotowski, Ł. Cywiński, K. Fronc, V. Voliotis, A. Enderlin, M. Ravaro, R. Grousson, P. Wojnar, T. Wojtowicz, G. Karczewski, and T. Dietl
30th International Conference on the Physics of Semiconductors, July 25-30, 2010, Seul, South Korea.
228. „*High excitation spectroscopy of single self-assembled CdTe quantum dots*“
K. Kukliński, Ł. Kłopotowski, P. Rutkowski, M. Wiater, K. Fronc, G. Karczewski, J. Kossut, and T. Wojtowicz
Proc. XXXIX International School on the Physics of Semiconducting Compounds, June 19-24, Krynica Górská 2010, p. 51.
229. „*Towards 0D microcavities containing a QD with a single Mn ion*“
W. Pacuski, T. Jakubczyk, A. Stal, K. Macieszczak, M. Twardy, A. Golnik, T. Kazimierzuk, M. Goryca, P. Kossacki, G. Karczewski, M. Wiater, T. Wojtowicz, C. Kruse, T. Rohbeck,

- D. Hommel, and J. A. Gaj
Proc. XXXIX International School on the Physics of Semiconducting Compounds, June 19-24, Krynica Górska 2010, p. 52.
230. „*Time-resolved and cw photoluminescence of highly Mn-doped self-assembled CdMnTe quantum dots*“
M. Janusz, Ł. Kłopotowski, P. Wojnar, T. Kazimierzczuk, G. Karczewski, and T. Wojtowicz
Proc. XXXIX International School on the Physics of Semiconducting Compounds, June 19-24, Krynica Górska 2010, p. 57.
231. „*Sub-ns electrical control of spin polarization in a diluted magnetic semiconductor quantum well using on-chip microcoils*“
Yu. Chen, M. Wiater, G. Karczewski, T. Wojtowicz, and G. Bacher
Proc. XXXIX International School on the Physics of Semiconducting Compounds, June 19-24, Krynica Górska 2010, p. 62.
232. „*Photoluminescence spectroscopy of self – assembled CdMnTe quantum dots in p-i-n diodes*“
M. Król, Ł. Kłopotowski, K. Kukliński, K. Fronc, T. Wojciechowski, M. Wiater, T. Wojtowicz, and G. Karczewski
Proc. XXXIX International School on the Physics of Semiconducting Compounds, June 19-24, Krynica Górska 2010, p. 79.
233. „*MBE growth and optical properties of $Pb_{1-x}Eu_xTe/CdTe$ heterostructures*“
E. Smajek, M. Szot, L. Kowalczyk, V. Domukhovski, B. Taliashvili, P. Dziawa, W. Knoff, E. Łusakowska, A. Reszka, B. Kowalski, M. Wiater, T. Wojtowicz, and T. Story
Proc. XXXIX International School on the Physics of Semiconducting Compounds, June 19-24, Krynica Górska 2010, p. 89.
234. „*TEM investigations of the structure of CdTe nanowires grown by MBE at different temperatures*“
S. Kret, E. Janik, P. Wojnar, P. Dłużewski, and T. Wojtowicz
Proc. XXXIX International School on the Physics of Semiconducting Compounds, June 19-24, Krynica Górska 2010, p. 195.
235. „*Morphology and selected properties of core/shell ZnTe-based nanowire structures containing ZnO*“
K. Gas, E. Janik, W. Zaleszczyk, I. Pasternak, E. Dynowska, K. Fronc, V. Kolkovsky, M. Kutrowski, J. F. Morhange, A. Reszka, Ł. Wachnicki, M. Wiater, M. Godlewski, E. Guziewicz, G. Karczewski, B. J. Kowalski, W. Szuszkiewicz, and T. Wojtowicz
Proc. XXXIX International School on the Physics of Semiconducting Compounds, June 19-24, Krynica Górska 2010, p. 197.“
236. „*Pressure coefficients of the photoluminescence of CdTe and CdSe quantum dots*“
P. Łach, G. Karczewski, T. Wojtowicz, M. Wiater, R. Buczko, and A. Suchocki
Proc. XXXIX International School on the Physics of Semiconducting Compounds, June 19-24, Krynica Górska 2010, p. 202.
237. „*Ferromagnetic instabilities in split-gate and cylindrical quantum wires*“
G. J. Ferreira, F. Sammarco, U. C. Mendes, S. A. Leão, T. Wojtowicz, and J. C. Egues
The 6th International Conference on the Physics and Applications of Spin Related Phenomena in Semiconductors PASPS-VI, August 1 – August 4, 2010, Tokio, Japan. p. 269.
238. „*Mid-infrared electro-luminescence from rocksalt-PbTe quantum dots embedded in a zincblende – CdTe matrix*“
A. Hochreiner, T. Schwarzl, M. Eibelhuber, T. Wojtowicz, W. Heiss, and G. Springhol
The 6th International Conference on Quantum Dots, 26 – 30 April, 2010, Nottingham, UK.

239. „*Tunable, mid-infrared emission from MBE grown PbTe/CdTe quantum dots with highly symmetric shapes*“
T. Schwarzl, A. Hochreiner, S. Kriechbaumer, T. Wojtowicz, W. Heiss, and G. Springholz
Proc. 16th International Conference on Molecular Beam Epitaxy, August 22-27, 2010, Berlin, Germany.
240. „*Selected Optical Properties of Core/Shell ZnMnTe/ZnO Nanowire Structures*”
K. Gas, E. Janik, W. Zaleszczyk, E. Dynowska, V. Kolkovsky, M. Kutrowski, A. Michota-Kamińska, J. F. Morhange, Ł. Wachnicki, T. Wojciechowski, R. Hołyst, M. Godlewski, E. Guziewicz, T. Wojtowicz, and W. Szuszkiewicz
E-MRS 2010 Fall Meeting, 13 – 17 września 2010, Warszawa.
241. „*Optical and structural properties of $Pb_{1-x}Eu_xTe/CdTe/GaAs$ (001) heterostructures grown by MBE*“
E. Smajek, M. Szot, L. Kowalczyk, V. Domukhovski, B. Taliashvili, P. Dziawa, W. Knoff, E. Łusakowska, A. Reszka, B. Kowalski, M. Wiater, T. Wojtowicz, and T. Story
Proc. 16th International Conference on Molecular Beam Epitaxy, August 22-27, 2010, Berlin, Germany.
242. „*Structure of ZnTe/ZnO core-shell nanowires obtained by MBE on Si substrate and grown oxidation*”
S. Kret, E. Janik, T. Wojciechowski, W. Zaleszczyk, K. Fronc, and T. Wojtowicz
Proc. 17th International Microscopy Congress – IMC17, September 19-24, 2010, Rio de Janeiro, Brazil.
243. „*Growth of optically active CdTe quantum nanowires*“
P. Wojnar, E. Janik, S. Kret, A. Petrouchik, M. Goryca, T. Kazimierzczuk, P. Kossacki, G. Karczewski, and T. Wojtowicz
Proc. 40th „Jaszowiec“ 2011 International School and Conference on the Physics of Semiconductors. p. 37.
244. „*Optical transitions in PbTe/CdTe quantum wells grown by molecular beam epitaxy on GaAs (001) and BaF₂ (111) substrates*“
M. Szot, L. Kowalczyk, E. Smajek, B. Taliashvili, P. Dziawa, W. Knoff, A. Reszka, V. Domukhovski, E. Łusakowska, P. Dłużewski, M. Wiater, T. Wojtowicz, T. Story, M. Bukała, R. Buczko, and P. Kacman
Proc. 40th „Jaszowiec“ 2011 International School and Conference on the Physics of Semiconductors. p. 40.
245. „*ZnO-based nanotubes obtained by the oxidation of ZnTe and ZnTe.Zn nanowires*”
K. Gas, E. Dynowska, E. Janik, A. Kamińska, S. Kret, J. F. Morhange, I. Pasternak, M. Wiater, W. Zaleszczyk, R. Hołyst, E. Kamińska, T. Wojtowicz, and W. Szuszkiewicz
Proc. 40th „Jaszowiec“ 2011 International School and Conference on the Physics of Semiconductors. p. 89.
246. „*Transport and spin properties of CdTe/CdMgTe quantum point contacts*“
M. Czapkiewicz, J. Wróbel, V. Kolkovsky, P. Nowicki, M. Aleszkiewicz, M. Wiater, and T. Wojtowicz
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247. „*Photoluminescence linewidth analysis of single CdMnTe quantum dots*”
M. Szymura, Ł. Kłopotowski, P. Wojnar, K. Fronc, T. Kazimierzczuk, G. Karczewski, and T. Wojtowicz
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248. „*Spectroscopy of indirect excitons in vertically stacked CdTe quantum dot structures*“
K. Kukliński, Ł. Kłopotowski, K. Fronc, P. Wojnar, T. Wojciechowski, M. Czapkiewicz, J. Kossut, G. Karczewski, and T. Wojtowicz
Proc. 40th „Jaszowiec“ 2011 International School and Conference on the Physics of Semiconductors. p. 121.
249. „*Cathodoluminescence studies of the II – VI semiconducting quantum dots grown by molecular beam epitaxy*”
P. Łach, A. Reszka, G. Karczewski, P. Wojnar, T. Wojtowicz, A. Kamińska, and A. Suchocki

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p. 127.
250. „*Optical transformation of zero-dimensional confinement in the CdTe/CdMgTe multiple quantum wells*”
M. Molas, K. Gołasa, J. Łusakowski, T. Wojtowicz, and A. Babiński
Proc. 40th „Jaszowiec“ 2011 International School and Conference on the Physics of Semiconductors.
p. 138.
251. „*Magneto-optical study of excitons confined in potential fluctuations in the CdTe/CdMgTe quantum well*”
M. Molas, K. Gołasa, T. Kazimierzczuk, J. Łusakowski, T. Wojtowicz, and A. Babiński
Proc. 40th „Jaszowiec“ 2011 International School and Conference on the Physics of Semiconductors.
p. 140.
252. „*Antenna-equipped field effect transistors on CdTe/CdMgTe quantum wells as terahertz detectors*”
K. Nogajewski, H. Boukari, P. Kopyt, W. Gearek, T. Wojtowicz, H. Mariette, M. Grynberg,
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Proc. 40th „Jaszowiec“ 2011 International School and Conference on the Physics of Semiconductors.
p. 154.
253. „*Variety of exchange interactions providing spin-flip raman scattering in CdTe/(Cd,Mg)Te quantum wells*”,
J. Debus, D. Dunker, V. Sapega, D. R. Yakovlev, G. Karczewski, T. Wojtowicz, and M. Bayer,
15th International Conference on II-VI Compounds, Mayan Riviera, Mexico, August 21-26, 2011, p. 51.
254. „*Charge control and storage in self-assembled CdTe quantum dots*”, Ł. Kłopotowski, M. Goryca, V.
Voliotis, K. Fronc, P. Wojnar, P. Kossacki, R. Grousson, G. Karczewski, and T. Wojtowicz,
15th International Conference on II-VI Compounds, Mayan Riviera, Mexico, August 21-26, 2011, p. 56.
255. „*Near band edge emission of Te-based nanowire heterostructures*”, P. Wojnar, E. Janik, S. Kret, E.
Dynowska, L. T. Baczewski, G. Karczewski, and T. Wojtowicz,
15th International Conference on II-VI Compounds, Mayan Riviera, Mexico, August 21-26, 2011, p. 34.
256. „*ZnO-based nanotubes obtained by the oxidation of ZnTe and ZnTe/Zn nanowires*”,
K. Gas, E. Dynowska, E. Janik, A. Kamińska, S. Kret, J. F. Morhange, I. Pasternak, M. Wiater,
W. Zaleszczyk, R. Hołyst, E. Kamińska, T. Wojtowicz, and W. Szuskiewicz,
Proc. 40th „Jaszowiec“ 2011 International School and Conference on the Physics of Semiconductors. p. 89.
257. „*Towards spin-charge texture in magnetic semiconductors*”, C. Rice, D. Wolverson,
A. Moskalenko, S. J. Bending, G. Karczewski, and T. Wojtowicz,
15th International Conference on II-VI Compounds, Mayan Riviera, Mexico, August 21-26, 2011, p.111.
258. „*Investigation of exchange interactions between excitons and magnetic ions as a function of translational
wavevector in Cd_{1-x}MnxTe quantum wells*”,
C. Rice, L.C. Smith, J. J. Davies, D. Wolverson, M. Wiater, G. Karczewski, and T. Wojtowicz,
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259. „*Low – dimensional nanostructures with unique spin properties: from technology to applications in basic
research and applied science*”,
T. Wojtowicz,
Seminarium Instytutu Fizyki Politechniki Wrocławskiej, 12 grudnia 2011. **invited**
260. „*Low – dimensional nanostructures with unique spin properties: from technology to applications in basic
research and applied science*”, T. Wojtowicz, Notre Dame University USA, October 13, 2011. **invited**
261. „*High mobility CdTe and CdMnTe based 2 DEG nanostructures: from technology to applications in basic
research and applied science*”,

- T. Wojtowicz,
Joint Polish-Japanese Workshop Spintronics - from New Materials to Applications, Warszawa, 15-18 listopada 2011. **invited**
262. „ODMR studies of Mn^{2+} ions in $(Cd,Mg)Te/(Cd,Mn)Te$ quantum wells“,
A. Bogucki, M. Goryca, T. Wojtowicz, G. Karczewski, and P. Kossacki,
41 st“Jaszowiec“ 2012 International School and Conference on the Physics of Semiconductors,
8-15 czerwca 2012, Krynica Zdrój, Polska. p. 236.
 263. „Single core/shell $ZnTe/ZnMgTe$ and $ZnMnTe/ZnMgTe$ nanowires: emission energy and polarization“,
M. Szymura, Ł. Kłopotowski, P. Wojnar, E. Dynowska, T. Wojtowicz, and J. Kossut,
41 st“Jaszowiec“ 2012 International School and Conference on the Physics of Semiconductors,
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 264. „Raman scattering studies of $ZnTe$ nanowires with atomic layer deposited $Zn-Co$ oxide shell“,
K. Gas, E. Dynowska, M. Łukasiewicz, M. Wiater, B. Witkowski, E. Guziewicz, M. Godlewski, A.
Kamińska, R. Hołyst, T. Wojtowicz, and W. Szuszkiewicz, 41 st“Jaszowiec“ 2012 International School and
Conference on the Physics of Semiconductors, 8-15 czerwca 2012, Krynica Zdrój, Polska. p. 66.
 265. „Photoluminescence study of $(Zn,Mg)Te/(ZnMg)Te$ core/shell nanowires“,
K. Gałkowski, J. Suffczyński, J. Papierska, T. Kazimierzczuk, P. Kossacki, P. Wojnar,
E. Janik, and T. Wojtowicz,
41 st“Jaszowiec“ 2012 International School and Conference on the Physics of Semiconductors, 8 – 15
czerwca 2012, Krynica Zdrój, Polska. p. 70.
 266. „Growth of optically active diluted magnetic $ZnMnTe/ZnMgTe$ core/shell nanowires“,
P. Wojnar, E. Janik, J. Suffczyński, J. Papierska, E. Dynowska, S. Kret, A. Petrouchik, G. Karczewski and T.
Wojtowicz, 41 st“Jaszowiec“ 2012 International School and Conference on the Physics of Semiconductors,
8-15 czerwca 2012, Krynica Zdrój, Polska. p. 71.
 267. „THz response of a point contact based on $CdTe/CdMgTe$ quantum well in magnetic field“,
I. Grigelionis, M. Białek, M. Czapkiewicz, V. Kolkovsky, M. Wiater, T. Wojciechowski, J. Wróbel, T.
Wojtowicz, D. But, W. Knap, M. Grynberg, and J. Łusakowski,
41 st“Jaszowiec“ 2012 International School and Conference on the Physics of Semiconductors, 8-15 czerwca
2012, Krynica Zdrój, Polska. p. 173.
 268. „Electrical properties of $p-ZnTe/n-CdTe$ photodiodes“,
S. Chusnutdinow, V. P. Makhiny, T. Wojtowicz, and G. Karczewski,
41 st“Jaszowiec“ 2012 International School and Conference on the Physics of Semiconductors, 8-15 czerwca
2012, Krynica Zdrój, Polska. p. 184.
 269. „Detekcja i generacja promieniowania THz z użyciem kwantowych nanostruktur półprzewodnikowych“,
T. Wojtowicz,
IV Konferencja Kwantowe Nanostruktury Półprzewodnikowe do Zastosowań w Biologii i Medycynie“,
18-19 kwietnia 2012 r, Instytut Fizyki PAN Warszawa.
 270. „Podejście „od góry do dołu“ i „od dołu do góry“ w Nanotechnologii“,
T. Wojtowicz,
Dzień Nanotechnologii w Instytucie Fizyki PAN, 20 kwietnia 2012 r.
 271. „Niskowymiarowe nanostruktury o unikalnych własnościach spinowych: od technologii do zastosowań w
badaniach podstawowych i aplikacyjnych „, T. Wojtowicz, Seminarium na Uniwersytecie w Białymstoku, 19
czerwca, 2012, Białystok.

272. „Opracowanie tlenkowych nanostruktur i metody wytwarzania nanodrutów i nanostruktur związków II-VI. Adiabatyyczny tranzystor spinowy”,
T. Wojtowicz,
NanoBiom Kwantowe Nanostruktury Półprzewodnikowe do Zastosowań w Biologii i Medycynie – Panel Expertów 5-6 grudnia 2012 Instytut Fizyki PAN.
273. „Aktywacja optyczna nanodrutów ZnTe/ZnMgTe core/shell”,
P. Wojnar, E. Janik, W. Zaleszczyk, E. Dynowska, L. T. Baczewski, G. Karczewski, T. Wojtowicz
Warsztaty NanoWorld 2012 Sulejów 26-28 październik 2012.
274. „Study of magnetization dynamics in (Cd,Mn)Te quantum well”,
M. Deresz-Oszer, M. Goryca, A. Golnik, T. Wojtowicz, G. Karczewski, and P. Kossacki,
42nd International School & Conference on the Physics of Semiconductors, Jaszowiec 2013. p. 80.
275. „Temperature-controlled exciton kinetics in a wide CdMnTe/CdMgTe quantum well”,
P. Bugajny, J. Kutrowska, M. Baranowski, M. Syperek, L. Bryja, A. Wojs, J. Misiewicz, M. Wiater, G. Karczewski, and T. Wojtowicz,
42nd International School & Conference on the Physics of Semiconductors, Jaszowiec 2013. p. 82.
276. „Shot noise signatures of 0.25-anomaly in CdTe/CdMgTe quantum point contact”,
J. Wróbel, M. Czapkiewicz, P. Nowicki, V. Kolkovsky, T. Wojciechowski, M. Wiater, and T. Wojtowicz,
42nd International School & Conference on the Physics of Semiconductors, Jaszowiec 2013. p. 116.
277. „Growth and cathodoluminescence study of CdTe quantum dots in ZnTe/ZnMgTe core/shell nanowires”, W. Zaleszczyk, P. Wojnar, M. Wiater, T. Wojciechowski, G. Karczewski, and T. Wojtowicz, 42nd International School & Conference on the Physics of Semiconductors, Jaszowiec 2013. p. 196.
278. „Activation of an intense near band edge emission from ZnTe/ZnMgTe core/shell nanowires grown on silicon”,
P. Wojnar, E. Janik, W. Zaleszczyk, M. Szymura, Ł. Kłopotowski, L. T. Baczewski, S. Kret, G. Karczewski, T. Wojtowicz, and J. Kossut,
42nd International School & Conference on the Physics of Semiconductors, Jaszowiec 2013. p. 197.
279. „Raman scattering studies of ZnTe/ZnMgTe core/shell nanowires”,
K. Gas, E. Dynowska, P. Wojnar, R. Kuna, A. Kamińska, T. Wojtowicz, and W. Szuszkiewicz,
42nd International School & Conference on the Physics of Semiconductors, Jaszowiec 2013. p. 198.
280. „Photoelectrical properties of CdTe/ZnTe thin-film p-n diodes”,
S. Chusnutdinow, V. P. Makhniy, W. Zaleszczyk, Ł. Marona, T. Wojtowicz, and G. Karczewski,
42nd International School & Conference on the Physics of Semiconductors, Jaszowiec 2013. p. 228.
281. „Magnetic-field control of photon echo from the electron-trion system”,
L. Langer, S. V. Poltavtsev, I. A. Yugova, D. R. Yakovlev, G. Karczewski, T. Wojtowicz, J. Kossut, I. A. Akimov, and M. Bayer,
20th International Conference on Electronic Properties of Two-Dimensional Systems and 16th International Conference on Modulated Semiconductor Structures, 1-5 July 2013, Wrocław University of Technology Congress Centre, Wrocław, Poland. p. 216.
282. „Fractional quantum Hall effect in a diluted magnetic semiconductor”,
C. Betthausen, C. Preis, P. Giudici, V. Kolkovsky, M. Wiater, G. Karczewski, B. Piot, J. Kunc,
M. Potemski, T. Wojtowicz, and D. Weiss,
20th International Conference on Electronic Properties of Two-Dimensional Systems and 16th International Conference on Modulated Semiconductor Structures, 1-5 July 2013, Wrocław University of Technology Congress Centre, Wrocław, Poland. p. 235.

283. „*Intrinsic phase separation in magnetically doped 2DES*“, T. Andrearczyk, H. Terletska, T. Wojtowicz, G. Karczewski, T. Dietl, V. Dobrosavljević, D. Popović, and J. Jaroszyński, 20th International Conference on Electronic Properties of Two-Dimensional Systems and 16th International Conference on Modulated Semiconductor Structures, 1-5 July 2013, Wrocław University of Technology Congress Centre, Wrocław, Poland. p. 239.
284. „*Shot noise of CdTe/CdMgTe quantum point contact*“, J. Wróbel, M. Czapkiewicz, P. Nowicki, V. Kolkovsky, T. Wojciechowski, M. Wiater, and T. Wojtowicz, 20th International Conference on Electronic Properties of Two-Dimensional Systems and 16th International Conference on Modulated Semiconductor Structures, 15 July 2013, Wrocław University of Technology Congress Centre, Wrocław, Poland. p. 281.
285. „*Signatures of exciton spin relaxation in photoluminescence spectra of semimagnetic quantum dots*“, Ł. Kłopotowski, V. Voliotis, Ł. Cywiński, P. Wojnar, M. Szymura, K. Fronc, T. Kazimierczuk, A. Golnik, R. Grousson, G. Karczewski, and T. Wojtowicz, 20th International Conference on Electronic Properties of Two-Dimensional Systems and 16th International Conference on Modulated Semiconductor Structures, 1-5 July 2013, Wrocław University of Technology Congress Centre, Wrocław, Poland. p. 374.
286. „*Magnetic order, magnon confinement and propagation in MnTe/ZnTe superlattices*“, W. Szuszkiewicz, B. Hennion, S. Petit, E. Dynowska, E. Janik, G. Karczewski, and T. Wojtowicz, 20th International Conference on Electronic Properties of Two-Dimensional Systems and 16th International Conference on Modulated Semiconductor Structures, 1-5 July 2013, Wrocław University of Technology Congress Centre, Wrocław, Poland. p. 401.
287. „*Spin-flip Raman scattering of electron and heavy-hole in CdTe quantum well enabled by anisotropic exchange*“, J. Debus, V. F. Sapega, D. Dunker, D. R. Yakovlev, G. Karczewski, T. Wojtowicz, and M. Bayer, 20th International Conference on Electronic Properties of Two-Dimensional Systems and 16th International Conference on Modulated Semiconductor Structures, 1-5 July 2013, Wrocław University of Technology Congress Centre, Wrocław, Poland. p. 406.
288. „*Identification of recombination centers responsible for reduction of energy conversion efficiency in p-ZnTe/n-CdTe solar cells*“, G. Karczewski, S. Chusnutdinow, K. Olender, K. Wosiński, T. Wojtowicz, E. Zielony, E. Płaczek-Popko, A. Racino, and Z. Gumienny, The 16th International Conference on II-VI Compounds and Related Materials, September 9-13, 2013, Nagahama, Japan, p. 66.
289. „*Spin-orbit interactions in (Cd,Mn)Te quantum wells containing two-dimensional electron gases*“, C. Rice, S. J. Bending, G. Karczewski, T. Wojtowicz, and D. Wolverson, The 16th International Conference on II-VI Compounds and Related Materials, September 9-13, 2013, Nagahama, Japan, p. 102.
290. „*II-VI diluted magnetic semiconductor nanostructures for spintronic research*“, T. Wojtowicz, 20th International Conference on Electronic Properties of Two-Dimensional Systems and 16th International Conference on Modulated Semiconductor Structures, 1-5 July 2013, Wrocław University of Technology Congress Centre, Wrocław, Poland – abstract only – **plenary**.
291. „*Giant spin splitting in ZnMnTe/ZnTgTe core/shell nanowires*“, P. Wojnar, E. Janik, J. Suffczyński, J. Papierska, M. Szymura, W. Zaleszczyk, S. Kret, Ł. Kłopotowski, T. Wojciechowski, L. T. Baczewski, G. Karczewski, T. Wojtowicz, and J. Kossut, The 16th International Conference on II-VI Compounds and Related Materials, September 9-13, 2013, Nagahama, Japan – abstract only – **invited**.

292. „*Adiabaticzny tranzystor spinowy i inne „zastosowania” dwuwymiarowego gazu elektronowego w nanostrukturach z rozcieńczonych półprzewodników magnetycznych*”,
T. Wojtowicz,
Seminarium z Fizyki Ciała Stałego („Seminarium Piątkowe”) na Wydziale Fizyki Uniwersytetu Warszawskiego, 11 października 2013 r, Warszawa.
293. „*MBE-Grown II-VI Diluted Magnetic Semiconductor Nanostructures for Spintronic Research.*”,
T. Wojtowicz,
18th International Conference on Molecular Beam Epitaxy , 7-12 September, 2014, Flagstaff, Arizona, USA – **plenary**.
294. „*Spintronic research with (Cd,Mn)Te-based diluted magnetic semiconductor quantum structures*”
T. Wojtowicz,
The European Conference Physics of Magnetism, 23-27 June, 2014, Poznań, Poland - **invited**
295. „*Aktywne optycznie nanodrutki oraz dwuwymiarowy gaz elektronowy w półprzewodnikowych związkach II-VI do zastosowań sensorycznych.*”,
T. Wojtowicz,
VI Konferencja Kwantowe Nanostruktury Półprzewodnikowe do Zastosowań w Biologii i Medycynie, 7-8 maja 2014r., Warsaw, Poland - **invited**
296. „*Magnetic-field tunable THz detectors based on GaAs/AlGaAs and CdTe/CdMgTe quantum wells*”,
J. Łusakowski, M. Białek, I. Grigelionis, Z. Adamus, J. Wróbel, V. Umansky, G. Karczewski, T. Wojtowicz, M. Grynberg,
SPIE Conference “Terahertz Emitters, Receivers, and Applications V”, 17 August 2014, San Diego, California, United States – **invited**
297. „*Magnetoplasmons in devices based on high-quality CdTe/CdMgTe quantum wells*”,
I. Grigelionis, M. Białek, K. Nogajewski, K. Karpierz, M. Grynberg, G. Karczewski, T. Wojtowicz, J. Wróbel, M. Czapkiewicz, V. Kolkovsky, M. Wiater, T. Wojciechowski, N. Diakonova, F. Teppe, W. Knap, H. Boukari, H. Mariette, J. Łusakowski,
XLIII International School and Conference on the Physics of Semiconducting Compounds, 7-12 June, 2014, Wisła, Poland
298. „*Magneto-optical anisotropy of ZnMnTe/ZnMgTe core/shell nanowires*”,
P. Wojnar, J. Suffczyński, T. Smoleński, E. Janik, W. Zaleszczyk, S. Kret, T. Wojciechowski, P. Kossacki, G. Karczewski, T. Wojtowicz, J. Kossut,
XLIII International School and Conference on the Physics of Semiconducting Compounds, 7-12 June, 2014, Wisła, Poland
299. „*Probing the increased hole confinement in CdTe quantum dots*”,
M. Pilat, Ł. Kłopotowski, P. Wojnar, K. Fronc, G. Karczewski, T. Wojtowicz, J. Kossut,
XLIII International School and Conference on the Physics of Semiconducting Compounds, 7-12 June, 2014, Wisła, Poland
300. „*Dual functionality of CdTe/PbTe epitaxial heterosystem*”,
M. Szot, L. Kowalczyk, K. Dybko, P. Dziawa, B. Taliashvili, S. Schreyeck, S. Chusnutdinow, A. Reszka, B.J. Kowalski, P. Dłużewski, M. Wiater, T. Wojtowicz, L.W. Molenkamp, G. Karczewski, T. Story,
XLIII International School and Conference on the Physics of Semiconducting Compounds, 7-12 June, 2014, Wisła, Poland
301. „*Zeeman splitting anisotropy in CdMnTe quantum dots embedded in ZnTe nanowires*”,
M. Szymura, Ł. Kłopotowski, P. Wojnar, M. Goryca, P. Kossacki, W. Zaleszczyk, G. Karczewski, T. Wojtowicz, J. Kossut,

- 32nd International Conference of the Physics of Semiconductors (ICPS), August 10-15, 2014, Austin, Texas, USA
302. „*Cienkie warstwy ZnO wytwarzane techniką magnetronego rozpylania katodowego: mikrostruktura i funkcjonalność*”,
M.A. Borysiewicz, M. Wzorek, K. Gołaszewska, E. Kamińska, A. Piotrowska, E. Dynowska, T. Wojciechowski, R. Jakiela, T. Wojtowicz, P. Struk, T. Pustelny,
XIII Krajowa Konferencja Elektroniki, 9-13 Czerwca 2014, Darłówko Wschodnie, Polska
 303. „*(Cd, Mn)Te – based quantum structures for electrical gate control of Lande g-factor of two-dimensional electron gas*”,
V. Kolkovsky, Z. Adamus, M. Wiater, G. Karczewski, A. Kozakov, L. Rokhinson, T. Wojtowicz,
XLIII International School and Conference on the Physics of Semiconducting Compounds, 7-12 June, 2014, Wisła, Poland
 304. „*Cathodoluminescence studies of individual CdSe/ZnSe quantum dots*”,
W. Zaleszczyk, V. Kolkovsky, M. Wiater, K. Fronc, S. Chusnutdinow, M. Aleszkiewicz, M. Szymura, Ł. Kłopotowski, G. Karczewski, T. Wojtowicz,
XLIII International School and Conference on the Physics of Semiconducting Compounds, 7-12 June, 2014, Wisła, Poland
 305. „*Reduction the optical losses in CdTe/ZnTe thin-film solar cells*”,
S. Chusnutdinow, R. Pietruszka, W. Zaleszczyk, V.P. Makhniy, T. Wojtowicz, G. Karczewski,
International School and Conference on the Physics of Semiconducting Compounds, 7-12 June, 2014, Wisła, Poland
 306. „*Second harmonic generation in single core/shell ZnTe/ZnMgTe nanowires*”,
M. Szymura, A. Mitioglu, Ł. Kłopotowski, P. Płochocka, P. Wojnar, G. Karczewski, T. Wojtowicz, J. Kossut,
Workshop "Optical Properties of Individual Nanowires and Quantum Dots in High Magnetic Field", 24-26 September, 2014, Toulouse, France
 307. „*Study of spin dynamics and strain in (Cd,Mn)Te quantum well*”,
M. Deresz-Oszer, M. Goryca, A. Golnik, T. Wojtowicz, G. Karczewski, P. Kossacki,
XLIII International School and Conference on the Physics of Semiconducting Compounds, 7-12 June, 2014, Wisła, Poland
 308. „*Observation of FQHE states in THz spectroscopy of CdTe-based quantum wells*”,
I. Grigelionis, G. Karczewski, T. Wojtowicz, J. Łusakowski,
XLIII International School and Conference on the Physics of Semiconducting Compounds, 7-12 June, 2014, Wisła, Poland
 309. „*Low temperaure processing of nanostructures based on II-VI semiconductors quantum wells*”,
M. Majewicz, D. Śnieżek, T. Wojciechowski, E. Baran, P. Nowicki, J. Wróbel, T. Wojtowicz,
XLIII International School and Conference on the Physics of Semiconducting Compounds, 7-12 June, 2014, Wisła, Poland
 310. „*Shubnikov-de Haas type oscillation in cyclotron resonance CdMnTe two-dimensional electron systems*”,
Y. Imanaka, T. Wojtowicz, G. Karczewski,
32nd International Conference of the Physics of Semiconductors (ICPS), August 10-15, 2014, Austin, Texas, USA
 311. „*Optically detected nuclear magnetic resonance in CdTe and InGaAs nanostructures*”,
T. Kazimierzczuk, E. Evers, A. Greilich, T. Wojtowicz, G. Karczewski, D. Reuter, A. Wieck, D.R. Yakovlev, M. Bayer,

- 32nd International Conference of the Physics of Semiconductors (ICPS), August 10-15, 2014, Austin, Texas, USA
312. „*TEM study of catalytic ZnTe/MgZnTe core shell nanowires grown by MBE*”,
S. Kret, P. Wojnar, E. Janik, T. Wojtowicz,
XV International Conference on Electron Microscopy, 15-18 September 2014, Cracow, Poland
 313. „*Półprzewodnikowe struktury kwantowe o programowalnych własnościach spinowych – od technologii do zastosowań w badaniach podstawowych i aplikacyjnych*”
T. Wojtowicz,
XLIII Zjazd Fizyków Polskich, 6-11 września 2015, Kielce – referat plenarny.
 314. „*Advances and perspectives in II-VI telluride heterostructures*”,
T. Wojtowicz,
17th International Conference on II-VI Compounds, 13-18 September, 2015, Paris, France - **invited**.
 315. „*Spin engineering in diluted magnetic semiconductor nanostructures*”,
T. Wojtowicz,
International Conference „Spin physics, chemistry and technology”, 1-5 June, 2015, Saint Petersburg, Russia – **invited**.
 316. „*Spin splitting anisotropy in CdMnTe quantum dots embedded in ZnTe nanowires*”,
M. Szymura, Ł. Kłopotowski, P. Wojnar, M. Goryca, P. Kossacki, W. Zaleszczyk, G. Karczewski, T. Wojtowicz, J. Kossut,
7 Krajowa Konferencja Nanotechnologii, 25-27 czerwca 2015 r., Poznań, Poland – **invited**.
 317. „*Electrostatic control of spin polarization in a quantum Hall ferromagnet: a new platform to realize non-Abelian excitations*”,
A. Kazakov, V. Kolkovsky, Z. Adamus, G. Karczewski, T. Wojtowicz, L. Rokhinson,
APS March Meeting, 2-6 March 2015, San Antonio, Texas, USA
 318. „*Energy gap variation and valence band mixing in strained (Zn,Mn)Te/(Zn,Mg)Te core/shell nanowires*”,
P. Wojnar, M. Szymura, Ł. Kłopotowski, M. Wiater, W. Zaleszczyk, J. Suffczyński, T. Smoleński, P. Kossacki, E. Janik, M. Zieliński, S. Kret, T. Wojciechowski, L.T. Baczewski, G. Karczewski, T. Wojtowicz, J. Kossut,
44th "Jaszowiec" International School and Conference on the Physics of Semiconductors, 20-25 June, 2015, Wisła, Poland
 319. „*Nano-morfologia i optyczne właściwości epitaksjalnych heterostruktur PbTe/CdTe*”,
M. Szot, J. Polaczyński, K. Dybko, A. Witowski, S. Chusnutdinow, S. Kret, T. Wojciechowski, S. Schreyeck, K. Brunner, C. Schumacher, T. Wojtowicz, L.W. Molenkamp, T. Story, G. Karczewski,
XLIII Zjazd Fizyków Polskich, 6-11 września 2015, Kielce
 320. „*Strain induced energy gap variation and valence band mixing in (Zn,Mn)Te/(Zn,Mg)Te core/shell nanowires*”,
P. Wojnar, M. Szymura, Ł. Kłopotowski, M. Wiater, W. Zaleszczyk, J. Suffczyński, T. Smoleński, P. Kossacki, E. Janik, M. Zieliński, S. Kret, T. Wojciechowski, L.T. Baczewski, G. Karczewski, T. Wojtowicz, J. Kossut,
17th International Conference on II-VI Compounds, 13 - 18 September, 2015, Paris, France
 321. „*Long-range p-d exchange interaction in a ferromagnet-semiconductor hybrid structure*”,
V.L. Korenev, M. Salewski, A.V. Akimov, V.F. Sapega, L. Langer, I.V. Kalitukha, J. Debus, R.I. Dzhioev, D.R. Yakovlev, D. Müller, H. Hövel, G. Karczewski, M. Wiater, T. Wojtowicz, Y.G. Kusrayev, M. Bayer,,
17th International Conference on II-VI Compounds, 13 - 18 September, 2015, Paris, France

322. „*Laser Induced Tellurium Formation Detected by Coherent Phonon Excitation in Plasmonic Crystals*“, L.E. Kreilkamp, M. Pohl, M. Wiater, T. Wojtowicz, G. Karczewski, B.A. Glavin, L. Litvin, A. Rudzinski, M. Kahl, A.V. Akimov, D.R. Yakovlev, M. Bayer, 17th International Conference on II-VI Compounds, 13 - 18 September, 2015, Paris, France
323. „*Spin-orbit stiffness of the spin-polarized electron gas*“, F. Baboux, F. Perez, C.A. Ullrich, G. Karczewski, T. Wojtowicz, 17th International Conference on II-VI Compounds, 13 - 18 September, 2015, Paris, France
324. „*Wpływ temperatury i grubości otoczki na dynamikę fotoluminescencji w nanodrutach typu rdzeń/otoczka ZnTe/ZnMgTe*“, M. Szymura, A. Mitioglu, Ł. Kłopotowski, P. Płochocka, P. Wojnar, G. Karczewski, T. Wojtowicz, J. Kossut, 19th Workshop "Spin in semiconductors-new materials for spintronics", 18 kwietnia 2015 r., Obory, Poland
325. „*Magnetic properties investigation of cobalt nanotube shell grown on ZnTe nanowires*“, P.A. Misiuna, T. Wojciechowski, P. Dłużewski, B. Kurowska, M. Wiater, S. Lewińska, A. Ślawska-Waniewska, P. Aleshkevych, A. Wawro, T. Wojtowicz, L.T. Baczewski, 2nd International Colloquium on Magnetic Films and Surfaces (ICMFS), 12-17 July 2015, Krakow, Poland
326. „*Long-range p-d exchange interaction in a ferromagnetsemiconductor hybrid structure*“, M. Salewski, V.L. Korenev, A.V. Akimov, V.F. Sapega, L. Langer, I.V. Kalitukha, J. Debus, R.I. Dzhioev, D.R. Yakovlev, D. Müller, H. Hövel, G. Karczewski, M. Wiater, T. Wojtowicz, Y.G. Kusrayev, M. Bayer, International Conference on Optics of Excitons in Confined Systems (OECS 2015) October 11-16, 2015, Jerusalem, Israel
327. „*MBE grown II-VI DMS nanostructures for spintronic research*“, T. Wojtowicz, Condensed Matter Seminar, Purdue University, January 30, 2015, West Lafayette, USA
328. „*Anisotropy of the spin splitting in ZnMnTe/ZnMgTe core/shell nanowires*“, P. Wojnar, J. Suffczyński, T. Smoleński, E. Janik, W. Zaleszczyk, S. Kret, T. Wojciechowski, P. Kossacki, G. Karczewski, T. Wojtowicz, J. Kossut, The 18th European Molecular Beam Epitaxy Workshop (EURO-MBE 2015), 15-18 March, 2015, Canazei, Italy
329. „*Transport properties of the two-dimensional electron gas in modulation doped CdTe quantum well structures*“, V. Kolkovsky, Z. Adamus, M. Wiater, A. Sulich, G. Karczewski, A. Kazakov, L.P. Rokhinson, T. Wojtowicz, 44th "Jaszowiec" International School and Conference on the Physics of Semiconductors, 20-25 June, 2015, Wisła, Poland
330. „*Mobility of the two-dimensional electron gas in modulation doped CdTe quantum well structures with gate controlled electron concentration*“, V. Kolkovsky, Z. Adamus, M. Wiater, A. Sulich, G. Karczewski, A. Kazakov, L.P. Rokhinson, T. Wojtowicz, 17th International Conference on II-VI Compounds, 13 - 18 September, 2015, Paris, France
331. „*Two kinds of electron spin precessions induced by resonant excitation of excitons in CdTe/CdMnTe QWs*“, S. Kamimura, G. Karczewski, T. Wojtowicz, J. Kossut, H. Mino, 21st International Conference on Electronic Properties of Two-Dimensional Systems, 26 - 31 July, 2015, Sendai, Japan

332. „*Photoelectrical properties of p-CdZnTe/i-CdTe/n-CdTe diodes with PbTe nanoinclusions*“, S. Chusnutdinow, M. Szot, S. Kret, L. Kowalczyk, W. Zaleszczyk, M. Wiater, V. Kolkovski, T. Wojtowicz, G. Karczewski, 44th "Jaszowiec" International School and Conference on the Physics of Semiconductors, 20-25 June, 2015, Wisła, Poland
333. „*Nanoscale shape control and optical properties of epitaxial PbTe/CdTe heterostructures*“, J. Polaczyński, M. Szot, L. Kowalczyk, K. Dybko, A. Witowski, S. Chusnutdinow, S. Kret, T. Wojciechowski, S. Schreyeck, K. Brunner, C. Schumacher, T. Wojtowicz, L.W. Molenkamp, T. Story, G. Karczewski, 44th "Jaszowiec" International School and Conference on the Physics of Semiconductors, 20-25 June, 2015, Wisła, Poland
334. „*Thermally evaporated HgTe layers as planar ohmic contacts for CdTe and CdMnTe quantum wells Nanoscale shape control and optical properties of epitaxial PbTe/CdTe heterostructures*“, D. Śnieżek, P. Nowicki, T. Wojciechowski, E. Bobko, G. Grabecki, T. Wojtowicz, A. Mycielski, J. Wróbel, 44th "Jaszowiec" International School and Conference on the Physics of Semiconductors, 20-25 June, 2015, Wisła, Poland
335. „*Sidewall versus axial growth of CdTe insertions in ZnTe/ZnMgTe core-shell nanowires*“, W. Zaleszczyk, J. Płachta, R. Rudniewski, S. Sutula, S. Kret, T. Wojtowicz, J. Kossut, P. Wojnar, 44th "Jaszowiec" International School and Conference on the Physics of Semiconductors, 20-25 June, 2015, Wisła, Poland
336. „*Weak antilocalization in thin topological crystalline insulator SnTe layers grown on (100) oriented substrate*“, M. Szot, K. Dybko, P. Dziawa, A. Reszka, M. Wiater, B.J. Kowalski, T. Wojtowicz, T. Story, 21st International Conference on Electronic Properties of Two-Dimensional Systems, 26 - 31 July, 2015, Sendai, Japan
337. „*Optical Studies of Coupling Between Magnetic Ions and Microwave Radiation in (Cd,Mn)Te Quantum Wells*“, M. Goryca, A. Bogucki, T. Wojtowicz, G. Karczewski, P. Kossacki, 21st International Conference on Electronic Properties of Two-Dimensional Systems, 26 - 31 July, 2015, Sendai, Japan
338. „*Morphology and photoluminescence of multilayer PbTe/CdTe heterostructures*“, G. Karczewski, M. Szot, S. Kret, L. Kowalczyk, S. Chusnutdinow, T. Wojtowicz, S. Schreyeck, K. Brunner, C. Schumacher, L. Molenkamp, 17th International Conference on II-VI Compounds, 13 - 18 September, 2015, Paris, France
339. „*Mid-infrared light sensitive p-CdZnTe/i-CdTe/n-CdTe diode structures with PbTe nanoinclusions*“, S. Chusnutdinow, M. Szot, S. Kret, L. Kowalczyk, T. Wojtowicz, G. Karczewski, 17th International Conference on II-VI Compounds, 13 - 18 September, 2015, Paris, France
340. „*The state of the art in MBE growth of telluride nanostructures*“, T. Wojtowicz, International Conference on Semiconductor Nanostructures for Optoelectronics and Biosensors, 22-25 May, 2016, Rzeszow, Poland – **plenary**.
341. „*The State of the Art in (Cd,Mn)Te Heterostructures: Fundamentals and Applications*“, T. Wojtowicz, APS March Meeting, 14-18 March 2016, Baltimore, Maryland, USA – **invited**.

342. „*Spin splitting enhancement in ZnMnTe diluted magnetic nanowires*”,
P. Wojnar, M. Szymura, W. Zaleszczyk, S. Kret, Ł. Kłopotowski, J. Suffczyński, J. Papierska, P. Kossacki,
T. Wojciechowski, L.T. Baczewski, E. Janik, G. Karczewski, T. Wojtowicz, J. Kossut,
EMN Meeting on Nanowires, 16-19 May 2016, Amsterdam, Netherlands – **invited**.
343. „*Gate control of spin polarization in a quantum Hall regime toward reconfigurable network of helical channels*”,
L. Rokhinson, A. Kazakov, G. Simion, Y. Lyanda-Geller, V. Kolkovsky, G. Karczewski, Z. Adamus, T.
Wojtowicz,
Proc. SPIE Proceedings, **9931** (2016), ed.: H.J. Drouhin, J.E. Wegrowe, M. Razeghi , p. 993139, Spintronics
IX (San Diego, USA, 2016) – **invited**.
344. „*Access to long-term optical memories using photon echoes retrieved from electron spins in semiconductor quantum wells*”,
S.V. Poltavtsev, L. Langer, O.A. Yugov, M. Salewski, Y.V. Kapitonov, D.R. Yakovlev, G. Karczewski, T.
Wojtowicz, A.V. Akimov, M. Bayer,
Proc. SPIE Proceedings, **9931** (2016), ed.: H.J. Drouhin, J.E. Wegrowe, M. Razeghi , p. 99311V,
Spintronics IX (San Diego, USA, 2016) – **invited**.
345. „*Formation of a helical channel in a 2D system in a quantum Hall regime*”,
A. Kazakov, V. Kolkovsky, Z. Adamus, G. Karczewski, T. Wojtowicz, L.P. Rokhinson,
APS March Meeting, 14-18 March 2016, Baltimore, Maryland, USA
346. „*Infrared magneto-transmission studies of the 2DEGs in (Cd,Mn)Te and CdTe Quantum wells*”,
I. Tanveer, M. Wiater, G. Karczewski, T. Wojtowicz, B.D. McCombe,
APS March Meeting, 14-18 March 2016, Baltimore, Maryland, USA
347. „*Non-local transport in multi-terminal nanostructure patterned from SnTe 3-dimensional topological crystalline insulator Infrared magneto-transmission studies of the 2DEGs in (Cd,Mn)Te and CdTe Quantum wells*”,
D. Śnieżek, K. Dybko, P. Dziawa, M. Szot, R. Rudniewski, M. Aleszkiewicz, M. Wiater, T. Wojtowicz, T.
Story, J. Wróbel,
8th PhD Students Symposium, 30 maja, 2016, Kazimierz Dolny, Poland
348. „*Low temperature transport measurements on the n-type CdMgTe/ Cd(Mn)Te QW*”,
E. Bobko, D. Śnieżek, D. Ploch, M. Majewicz, M. Foltyn, M. Wiater, T. Wojtowicz, E. Szeregij, J. Wróbel,
8th PhD Students Symposium, 30 maja, 2016, Kazimierz Dolny, Poland
349. „*Fabrication of CdMgTe/Cd(Mn)Te QW with the application of high-resolution electron-beam lithography Low temperature transport measurements on the n-type CdMgTe/ Cd(Mn)Te QW*”,
E. Bobko, D. Ploch, M. Wiater, T. Wojtowicz, E.M. Sheregii, J. Wróbel,
International Conference on Semiconductor Nanostructures for Optoelectronics and Biosensors, 22-25 May,
2016, Rzeszow, Poland
350. „*Quantum transport in n-type microstructure CdMgTe/Cd(Mn)Te* ”,
E. Bobko, D. Śnieżek, D. Ploch, M. Majewicz, M. Foltyn, M. Wiater, T. Wojtowicz, E.M. Sheregii, J.
Wróbel,
International Conference on Semiconductor Nanostructures for Optoelectronics and Biosensors, 22-25 May,
2016, Rzeszow, Poland
351. „*Non-linear quantum transport in n-type CdMgTe/Cd(Mn)Te quasi-ballistic microstructure*”,
E. Bobko, D. Śnieżek, D. Ploch, M. Majewicz, M. Foltyn, M. Wiater, T. Wojtowicz, J. Wróbel,
45th "Jaszowiec" International School and Conference on the Physics of Semiconductors, June 18-24, 2016,
Szczyrk, Poland

352. „*T-shaped spin-separator based on a magnetic two-dimensional electron gas*”,
Z. Adamus, D. Sztenkiel, J. Wróbel, T. Wojtowicz,
45th "Jaszowiec" International School and Conference on the Physics of Semiconductors, June 18-24, 2016,
Szczyrk, Poland
353. „*Growth of CdTe/(Cd,Mg)Te core/shell nanowires with high optical quality*”,
P. Wojnar, J. Płachta, A. Kaleta, S. Kret, M. Szymura, R. Rudniewski, W. Zaleszczyk, L.T. Baczewski, G.
Karczewski, T. Wojtowicz, J. Kossut,
45th "Jaszowiec" International School and Conference on the Physics of Semiconductors, June 18-24, 2016,
Szczyrk, Poland
354. „*Mid-infrared studies of PbTe/CdTe quantum dots in the regime of macro- and micro-photoluminescence*”,
K. Polczyńska, M. Szot, A. Socha, S. Chusnutdinow, A. Witowski, L. Kowalczyk, K. Dybko, M. Wiater, T.
Wojtowicz, T. Story, G. Karczewski,
45th "Jaszowiec" International School and Conference on the Physics of Semiconductors, June 18-24, 2016,
Szczyrk, Poland
355. „*Photoluminescence studies of PbSe/CdSe heterostructures*”,
A. Socha, M. Szot, S. Chusnutdinow, K. Polczyńska, A. Witowski, L. Kowalczyk, K. Dybko, M. Wiater, T.
Wojtowicz, T. Story, G. Karczewski,
45th "Jaszowiec" International School and Conference on the Physics of Semiconductors, June 18-24, 2016,
Szczyrk, Poland
356. „*Quantum Hall Ferromagnet effect in CdMnTe*”,
Z. Adamus, V. Kolkovski, M. Wiater, G. Karczewski, A. Kazakov, L. Rokhinson, T. Wojtowicz,
45th "Jaszowiec" International School and Conference on the Physics of Semiconductors, June 18-24, 2016,
Szczyrk, Poland
357. „*Is an Application of a Semiconductor in its Metastable Crystal Form a Danger for the Lifetime of Possible
Device?* ”,
E. Dynowska, S. Adamiak, M. Wiater, B. Witkowska, T. Wojtowicz, W. Szuszkiewicz,
45th "Jaszowiec" International School and Conference on the Physics of Semiconductors, June 18-24, 2016,
Szczyrk, Poland
358. „*Substantial Difference in Selected Mechanical Properties of CdTe and PbTe Crystals Grown by
Equilibrium and Non-Equilibrium Growth Techniques*”,
S. Adamiak, P. Adamski, K. Matracki, D. Płoch, E. Dynowska, P. Dziawa, A. Szczerbakow, B. Taliashvili,
M. Wiater, B. Witkowska, T. Wojtowicz, W. Szuszkiewicz,
45th "Jaszowiec" International School and Conference on the Physics of Semiconductors, June 18-24, 2016,
Szczyrk, Poland
359. „*Photoelectrical properties of p-i-n diodes with PbSe quantum wells*”,
S. Chusnutdinow, M. Szot, L. Kowalczyk, W. Zaleszczyk, V. Kolkovsky, M. Wiater, T. Wojtowicz, G.
Karczewski,
45th "Jaszowiec" International School and Conference on the Physics of Semiconductors, June 18-24, 2016,
Szczyrk, Poland
360. „*Difference in mechanical properties of bulk crystals and MBE-grown layers of metal tellurides*”,
S. Adamiak, E. Dynowska, P. Dziawa, A. Szczerbakow, B. Taliashvili, M. Wiater, B. Witkowska, T.
Wojtowicz, W. Szuszkiewicz,
33rd International Conference on the Physics of Semiconductors, 31 July - 5 August, 2016, Beijing, China
361. „*Shape control and optical studies of PbTe/CdTe nanostructures* ”,
M. Szot, J. Polaczyński, L. Kowalczyk, K. Dybko, A. Witowski, S. Kret, S. Chusnutdinow, T.
Wojciechowski, S. Schreyeck, K. Brunner, T. Wojtowicz, C. Schumacher, L. Molenkamp, T. Story, G.

Karczewski,
The Joint Conference New Trends in Topological Insulators 2016 (NTTI2016) and 17th International
Conference on Narrow Gap Semiconductors (NGS17), July 24 - 29, 2016, Würzburg, Germany