December 30, 2021

LIST OF PUBLICATIONS

Tomasz Wojtowicz

CHAPTERS IN BOOKS

1. „*Fermi Level Effects on Mn Incorporation in III-Mn-V Feromagnetic 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, p. 89.

2. „*CdTe-Based Semimagnetic Semiconductors"*,
   R. R. Gałązka 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.

4. „*2D electron gas in chalcogenide multilayers"*,
   A. Kazakov and T. Wojtowicz,
   In: Chalcogenide semiconductors: from 3D to 2D and beyond, eds. X. Liu, S. Lee, J.K. Furdyna, T. Luo, and Y.-H. Zhang, (Elsevier, Amsterdam 2019) p. 189.

ORYGINAL PUBLICATIONS

together with impact factor of leading journals – IF and point of Ministry of Science and Education of Poland – $Points_{MNiE}$

Science (IF_{2020}=47.7), $Points_{MNiE}$=200:

1. „*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 Materials (IF $_{2020}$=43.8), Points$_{MNiE}$=200:

2. „*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).

Nature Photonics (IF$_{2020}$=38.8), Points$_{MNiE}$=200:

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 (IF$_{2020}$= 20.0), Points$_{MNiE}$=200:

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).

5. *"Routing the emission of a near-surface light source by a magnetic field",*
F. Spitzer, A.N. Poddubny, I.A. Akimov, V.F. Sapega, L. Klompmaker, L.E. Kreilkamp, L.V. Litvin, R. Jede, G. Karczewski, M. Wiater, T. Wojtowicz, D.R. Yakovlev, M. Bayer,
Nature Physics **14**, 1043 (2018).

Physical Review X (IF$_{2020}$= 15.8), Points$_{MNiE}$=200:

6. *"High-resolution two-dimensional optical spectroscopy of electron spins",*
M. Salewski, S.V. Poltavtsev, I.A. Yugova, G. Karczewski, M. Wiater, T. Wojtowicz, D.R. Yakovlev, I.A. Akimov, T. Meier, M. Bayer,
Phys. Rev. X **7**, 031030 (2017).

Nature Communications (IF$_{2020}$=14.9), Points$_{MNiE}$=200:

7. *"Low voltage control of exchange coupling in a ferromagnet-semiconductor quantum well hybrid structure",*
L. Korenev, I. V. Kalitukha, I. A. Akimov, V. F. Sapega, E. A. Zhukov, E. Kirstein, O. S. Ken, D. Kudlacik, G. Karczewski, M. Wiater, T. Wojtowicz, N. D. Ilyinskaya, N. M. Lebedeva, T. A. Komissarova, Yu. G. Kusrayev, D. R. Yakovlev, and M. Bayer,
Nature. Communications **10**, 2899 (2019).

Nano Letters (IF$_{2020}$= 11.2), Points$_{MNiSW}$=200:

8. *„$Zn_{1-x}Mn_xTe$ 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. Petroutchik, L.T. Baczewski, G. Karczewski, T. Wojtowicz,
Nano Letters **8**, 4061 (2008).

9. *„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).

10. *"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. Suffczynski, J. Papierska, P. Kossacki, G. Karczewski, J. Kossut, and T. Wojtowicz,
Nano Letters **12**, 3404 (2012).

11. *"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).

12. *"Coexistence of Short-and Long-Range Ferromagnetic Proximity Effects in a Fe/(Cd,Mg)Te/CdTe Quantum Well Hybrid Structure"***,**
I. V. Kalitukha, O. S. Ken, V. L. Korenev, I. A. Akimov, V. F. Sapega, D. R. Yakovlev, G. S. Dimitriev, L. Langer, G. Karczewski, S. Chusnutdinow, T. Wojtowicz, M. Bayer,
Nano Letters **21,** 2370 (2021).

Physical Review Letters (IF_{2020}=9.2), $Points_{MNiE}$=200:

13. *„Metal-insulator transition in semimagnetic semiconductors",*
T. Wojtowicz, T. Dietl, M. Sawicki, W. Plesiewicz, and J. Jaroszynski,
Physical Review Letters **56**, 2419 (1986).

14. *„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).

15. *„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).

16. *„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).

17. *„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).

18. *„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).

19. *„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).

20. *„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).

21. *„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).

22. *„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).

23. *„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).

24. *„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).

25. *„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).

26. *„Spin and orbital quantization of electronic states as origins of second harmonic generation in semiconductors”*,
I. Sänger, D. R. Yakovlev, R. V. Pisarev, V. V. Pavlov, M. Bayer, G. Karczewski, T. Wojtowicz, and J. Kossut,
Physical Review Letters **96,** 117211 (2006).

27. *„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).

28. *„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).

29. *„Spin currents in diluted magnetic semiconductors”,*
S. D. Ganichev, S. A. Tarasenko, V. V. Belkov, P. Olbrich, W. Eder, D. R. Yakovlev, V. Kolkovsky, W. Zaleszczyk, G. Karczewski, T. Wojtowicz, and D. Weiss,
Physical Review Letters **102**, 156602 (2009).

30. *„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).

31. *„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).

32. *„Terahertz radiation from magnetic semiconductors”*,
R. Rungsawang, F. Perez, D. Oustinov, J. Gómez, V. Kolkovsky, G. Karczewski, T. Wojtowicz, J. Madéo, N. Jukam, S. Dhillon, and J. Tignon,
Physical Review Letters **110**, 177203 (2013).

33. „*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).

34. *"Spin-orbit twisted spin waves: Group velocity control"*,
F. Perez, F. Baboux, C.A. Ullrich, I. D'Amico, G. Vignale, G. Karczewski, T. Wojtowicz,
Phys. Rev. Lett. **117**, 137204 (2016).

35. *"Mesoscopic Transport in Electrostatically Defined Spin-Full Channels in Quantum Hall Ferromagnets",*
A. Kazakov, G. Simion, Y. Lyanda-Geller, V. Kolkovsky, Z. Adamus, G. Karczewski, T. Wojtowicz, L.P. Rokhinson,
Phys. Rev. Lett. **119**, 046803 (2017).

Nanophotonics (IF_{2020}=8.5), $Points_{MNiE}$=140:

36. *“Transverse magneto-optical Kerr effect at narrow optical resonances",*
O.V. Borovkova, F. Spitzer, V.I. Belotelov, I.A. Akimov, A. N. Poddubny, G. Karczewski, M. Wiater, T. Wojtowicz, A.K. Zvezdin, D.R. Yakovlev and M. Bayer,
Nanophotonics **8**, 287 (2019).

Nanoscale (IF_{2020}=7.8), $Points_{MNiE}$=140:

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

Scientific Reports (IF_{2020}=4.0), $Points_{MNiSW}$=140:

38. ***"****Polarimetry of photon echo on charged and neutral excitons in semiconductor quantum wells*,
S. V. Poltavtsev, Y. Kapitonov, I. A. Yugova, I. A. Akimov, D. R. Yakovlev, G. Karczewski, M. Wiater, T. Wojtowicz, M. Bayer,
Scientific Reports **9**, 5666 (2019).

Crystal Growth and Design (IF_{2020}=4.1), $Points_{MNiE}$=100:

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

40. *„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 (IF_{2020}=4.0), $Points_{MNiE}$=140:

41. *„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, F. J. Bartoli,
Physical Review B (Condensed Matter and Materials Physics) **41**, 5084 (1990).

42. *„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).

43. *„Magnetic activation of bipolar plasmas in HgTe-CdTe superlattices”,*
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44. *„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).

45. *„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,
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46. *„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).

47. *„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,
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48. *„Characterization of normal and inverted interfaces by the Zeeman effect in $Cd_{1-x}Mn_x$ Te/CdTe/$Cd_{1-y}Mg_y$ Te 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).

49. *„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,
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50. *„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. Grasza, G. Karczewski, and J. Kossut,
Physical Review B (Condensed Matter and Materials Physics) **58** , 4785 (1998).

51. *„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).

52. *„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,
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53. *„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,
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54. *„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,
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55. *„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,
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56. *„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,
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Physical Review B (Condensed Matter and Materials Physics) **60**, 5609 (1999).

58. *„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).

59. *„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).

60. *„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,
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61. *„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).

62. *„Elementary excitations in modulation-doped Cd(Mn)Te quantum wells”,*
B. Jusserand, G. Karczewski, G. Cywinski, T. Wojtowicz, A. Lemaitre, C. Testelin, and C. Rigaux,
Physical Review B (Condensed Matter and Materials Physics) **63**, 161302/1 (2001).

63. *„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).

64. *„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,
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65. *„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,
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66. *„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,
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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. Petroutchik, 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. *„Nanodruty półprzewodnikowe na bazie cynku*”,
T. Wojtowicz,
I Krajowa Konferencja Nanotechnologii, 26-28 kwietnia 2007 r, Wroclaw, Poland, abstract only – **invited**.

153. *„$Zn_{1-x}Mn_xTe$-based diluted magnetic semiconductor nanowires grown by catalytically enhanced MBE”*,
T. Wojtowicz,
Polish-Japenese 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, bilogy 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. Petroutchik, 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. Petroutchik, 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. *„Nanodruty heterozłączowe 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 napylania 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. *„Nanodruty 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 Crystallograpy, 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. Petroutchik, 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-assembledepitaxial 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
Proc. 14th International Conference on II-VI Compounds,St. Petersburg, Russia, August 24-28, 2009. 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
Proc. 14th International Conference on II-VI Compounds, St. Petersburg, Russia, August 24-28, 2009. 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
Proc. 14th International Conference on II-VI Compounds, St. Petersburg, Russia, August 24-28, 2009. 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
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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
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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,
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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. Guziewicz, 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 by molecular beam epitaxy“*
P. Łach, G. Karczewski, M. Wiater, T. Wojtowicz, A. Kamińska, and A. Suchocki
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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 excitationin the photo-modulation of quantum well optical spectra“*
D. Wolverson, J. J. Davies, L. C. Smith, A. V. Koudinov, Yu. G. Kusrayev, M. Wiater, G. Karczewski, and T. Wojtowicz
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 electrospining followed by calcination“*
A. Baranowska-Korczyc, B. Sikora, W. Zaleszczyk, A. Nowicka, K.Fronc, W. Knoff, K. Gas, W. Paszkowicz, W. Szuszkiewicz, K. Świątek, Ł. Kłopotowski, K. Sobczak, P. Dłużewskli, G. Karczewski, T. Wojtowicz, J. Bujak, and D. Elbaum
12th International Conference on the Formation of Semiconductor Intrfaces (ICFSI-12), Weimar, July 05-10, 2009, Niemcy.

210. *„Synthesis and properties of colloidal ZnO nanocrystals“*
B. Sikora, A. Baranowska-Korczyc, 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
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211. *„Quasi one-dimensional Co-doped ZnO nanostructures“*,
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, *„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. Płochocka, 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. Firedland, G. Karczewski, and. T. Wojtowicz
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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 nanostructur“*
T. Wojtowicz
II Konferencja Nanostrutkury 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“*
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285. *„Signatures of exciton spin relaxation in photoluminescence spectra of semimagnetcquantum 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 Internatioal 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 Internatioal Conference on II-VI Compounds and Related Materials, September 9-13, 2013, Nagahama, Japan, p. 102.

290. *„II-VI diluted magnetc semiconductor nanostructures for spinatronic 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 – abstrakt only **– plenarny.**

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 Internatioal Conference on II-VI Compounds and Related Materials, September 9-13, 2013, Nagahama, Japan – abstract only – **invited**.

292. *„Adiabatyczny 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 - **plenarny.**

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 nanodruty 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., Warszawa, Polska - **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. *"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

299. *"Observation of FQHE states in THz spectroscopy of CdTe-based quantum wells"*
Grigelionis, G. Karczewski, T. Wojtowicz, J. Łusakowski,
XLIII International School and Conference on the Physics of Semiconducting Compounds, 7-12 June, 2014, Wisła, Poland

300. "*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

301. *"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

302. *"Optically detected nuclear magnetic resonance in CdTe and InGaAs nanostructures"*
T. Kazimierczuk, 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

303. *„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 –**plenarny**.

304. *„Advances and perspectives in II-VI telluride heterostructures”*,
T. Wojtowicz,
17th International Conference on II-VI Compounds, 13-18 September, 2015, Paris, France - **invited**.

305. *„Spin engineering in diluted magnetic semiconductor nanostructures”*,
T. Wojtowicz,
International Conference „Spin physics, chemistry and technology”, 1-5 June, 2015, Saint Petersburg, Russia – **invited.**

306. *„MBE grown II-VI DMS nanostructures for spintronic research”*,
T. Wojtowicz,
Condensed Matter Seminar, Purdue University, January 30, 2015, West Lafayette, USA – seminarium.

307. "*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

308. *"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 - **plenarny**.

309. *"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**

310. *"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**

311. *"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

312. *"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

313. *"Non-local transport in multi-terminal nanostructure patterned from SnTe 3-dimensional topological crystalline insulator",*
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

314. *"Low temperature transport measurements on the n-type CdMgTe/ Cd(Mn)Te QW",*
E. Bobko, D. Śnieżek, D. Płoch, M. Majewicz, M. Fołtyn, M. Wiater, T. Wojtowicz, E. Szeregij, J. Wróbel, 8th PhD Students Symposium, 30 maja, 2016, Kazimierz Dolny, Poland, Poland

315. *"Fabrication of CdMgTe/Cd(Mn)Te QW with the application of high-resolution electron-beam lithography",*
E. Bobko, D. Płoch, M. Wiater, T. Wojtowicz, E.M. Sheregii, J. Wróbel,
International Conference on Semiconductor Nanostructures for Optoelectronics and Biosensors, 22-25 May, 2016, Rzeszow, Poland

316. *"Quantum transport in n-type microstructure CdMgTe/Cd(Mn)Te",*
E. Bobko, D. Śnieżek, D. Płoch, M. Majewicz, M. Fołtyn, M. Wiater, T. Wojtowicz, E.M. Sheregii, J. Wróbel,
International Conference on Semiconductor Nanostructures for Optoelectronics and Biosensors, 22-25 May, 2016, Rzeszow, Poland

317. *"Non-linear quantum transport in n-type CdMgTe/Cd(Mn)Te quasi-ballistic microstructure",*
E. Bobko, D. Śnieżek, D. Płoch, M. Majewicz, M. Fołtyn, M. Wiater, T. Wojtowicz, J. Wróbel,
International School and Conference on the Physics of Semicondactors, 45th "Jaszowiec" June 18-24, 2016, Szczyrk, Poland

318. *"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 Semicondactors, June 18-24, 2016, Szczyrk, Poland

319. *"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 Semicondactors, June 18-24, 2016, Szczyrk, Poland

320. *"Mid-infrared studies of PbTe/CdTe quantum dots in the regime of macro- and micro-photoluminescence",*
K. Połczyńska, 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 Semicondactors, June 18-24, 2016, Szczyrk, Poland

321. *"Photoluminescence studies of PbSe/CdSe heterostructures",*
A. Socha, M. Szot, S. Chusnutdinow, K. Połczyńska, A. Witowski, L. Kowalczyk, K. Dybko, M. Wiater, T. Wojtowicz, T. Story, G. Karczewski,
45th "Jaszowiec" International School and Conference on the Physics of Semicondactors, June 18-24, 2016, Szczyrk, Poland

322. *"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 Semicondactors, June 18-24, 2016, Szczyrk, Poland

323. *"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 Semicondactors, June 18-24, 2016, Szczyrk, Poland

324. *"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 Semicondactors, June 18-24, 2016, Szczyrk, Poland

325. *"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 Semicondactors, June 18-24, 2016, Szczyrk, Poland

326. *"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

327. *"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

328. *"High mobility 2DEG in magnetic semiconductor structures: fundamentals and applications",*
T. Wojtowicz,
34th International Conference on the Physics of Semiconductors, 29th July - 3rd August 2018, Montpellier, France – **invited**

329. *"Light hole excitons in (Cd,Mn)Te/(Cd,Mg)Te core/shell nanowires",*
P. Wojnar, J. Płachta, E. Grodzicka, A. Kaleta, S. Kret, T. Kazimierczuk, P. Kossacki, L. Baczewski, A. Pietruczik, G. Karczewski, T. Wojtowicz,
34th International Conference on the Physics of Semiconductors, 29th July - 3rd August 2018, Montpellier, France

330. *"Long-range p-d exchange interaction in Co/CdTe quantum well hybrid structure",*
I.V. Kalitukha, I.A. Akimov, M. Salewski, S.V. Poltavtsev, J. Debus, D. Kudlacik, V.F. Sapega, N.E. Kopteva, E. Kirstein, E.A. Zhukov, D.R. Yakovlev, G. Karczewski, M. Wiater, T. Wojtowicz, V.L. Korenev, Y.G. Kusrayev, M. Bayer,
34th International Conference on the Physics of Semiconductors, 29th July - 3rd August 2018, Montpellier, France

331. *"High resolution spin-dependent photon echo spectroscopy",*
S.V. Poltavtsev, I.A. Akimov, I.A. Yugova, D.R. Yakovlev, M. Salewski, M. Bayer, G. Karczewski, M. Wiater, T. Wojtowicz, T. Meier,
34th International Conference on the Physics of Semiconductors, 29th July - 3rd August 2018, Montpellier, France

332. *"Photoluminescence studies of single PbSe/CdSe quantum well",*
M. Szot, S. Chusnutdinow, K. Dybko, B. Turowski, L. Kowalczyk, M. Wiater, T. Wojtowicz, T. Story, G. Karczewski,
34th International Conference on the Physics of Semiconductors, 29th July - 3rd August 2018, Montpellier, France

333. *"THz magneto-spectroscopy of diluted-magnetic-semiconductor Quantum Wells: spin-orbit coupling, many electron effects and resonant magneto-polaron coupling",*
I. Tanveer, B.D. McCombe, Z. Adamus, M. Wiater, G. Karczewski, T. Wojtowicz,

34th International Conference on the Physics of Semiconductors, 29th July - 3rd August 2018, Montpellier, France

334. *"Charged exciton in CdTe wide quantum well at high magnetic field",*
Y. Imanaka, G. Karczewski, T. Wojtowicz,
34th International Conference on the Physics of Semiconductors, 29th July - 3rd August 2018, Montpellier, France

335. *"Mixing of light hole excitonic states in (Cd,Mn)Te/(Cd,Mg)Te core/shell nanowires",*
P. Wojnar, J. Płachta, E. Grodzicka, A. Kaleta, S. Kret, T. Kazimierczuk, P. Kossacki, L.T. Baczewski, A. Pietruchik, G. Karczewski, T. Wojtowicz,
E-MRS Fall Meeting 2018, Symposium S: Spin-dependent phenomena in semiconductors, 2D materials and topological insulators, 17 - 20 September, 2018, Warsaw, Poland

336. *"Towards new semiconductor-based platform supporting Majorana Fermions",*
T. Wojtowicz,
Symposium on the physics of Majorana bound states, at the Institute of Physics PAS, Warsaw, 5 January, 2018

337. *"Persistent spin helix manipulation in CdTe by optical doping",*
F. Passmann, S. Anghel, A.V. Poshakinskiy, S.A. Tarasenko, G. Karczewski, T. Wojtowicz, A.D. Bristow, M. Betz,
10th International School and Conference on Physics and Applications of Spin Phenomena in Solids, August 05-09, 2018, Linz, Austria

338. *"Magnetotransport of (111) Pb1-xSnxSe topological crystalline insulator epilayers",*
A. Kazakov, V.V. Volobuev, Z. Adamus, M. Aleszkiewicz, T. Wojciechowski, B. Turowski, T. Wojtowicz, T. Dietl,
10th International School and Conference on Physics and Applications of Spin Phenomena in Solids, August 05-09, 2018, Linz, Austria

339. *"Epitaxial growth, structural and electric properties of SnTe/CdTe and Pb1-xSnxTe/CdTe topological layer",*
W. Wołkanowicz, P. Dziawa, B. Taliashvili, M. Zięba, A. Sulich, J.Z. Domagała, R. Minikayev, E. Łusakowska, A. Reszka, K. Dybko, M. Wiater, T. Wojtowicz, T. Story,
10th International School and Conference on Physics and Applications of Spin Phenomena in Solids, August 05-09, 2018, Linz, Austria

340. *"Formation of helical channels in quantum Hall effect regime",*
A. Kazakov, G. Simion, V. Kolkovsky, Z. Adamus, G. Karczewski, T. Wojtowicz, Y. Lyanda-Geller, L.P. Rokhinson,
47th "Jaszowiec" International School and Conference on the Physics of Semiconductors, June 16-22, 2018, Szczyrk, Poland – **invited**

341. *"MBE growth and structural properties of SnTe/CdTe and Pb1-xSnxTe/CdTe topological layers",*
W. Wołkanowicz, B. Taliashvili, P. Dziawa, M. Zięba, A. Sulich, J.Z. Domagała, R. Minikayev, E. Łusakowska, A. Reszka, K. Dybko, M. Wiater, T. Wojtowicz, T. Story,
47th "Jaszowiec" International School and Conference on the Physics of Semiconductors, June 16-22, 2018, Szczyrk, Poland

342. *"Band gap engineering of PbSe by doping with Cd",*
S. Chusnutdinow, M. Szot, S. Schreyeck, I. Kucherenko, A.V. Muratov, V.A. Yakovlev, W. Zaleszczyk, T. Wojtowicz, G. Karczewski,
47th "Jaszowiec" International School and Conference on the Physics of Semiconductors, June 16-22, 2018, Szczyrk, Poland

343. *"Activation of luminescence from wurtzite CdTe nanowires",*
J. Płachta, A. Kaleta, S. Kret, G. Karczewski, T. Wojtowicz, J. Kossut, P. Wojnar,
47th "Jaszowiec" International School and Conference on the Physics of Semiconductors, June 16-22, 2018, Szczyrk, Poland

344. *"Weak anti-localization and universal conductance fluctuations in mesoscopic sample patterned from SnTe 3D topological crystalline insulator",*
D. Śnieżek, K. Dybko, P. Dziawa, W. Wołkanowicz, M. Szot, R. Rudniewski, M. Aleszkiewicz, T. Wojtowicz, T. Story, T. Dietl, J. Wróbel,
47th "Jaszowiec" International School and Conference on the Physics of Semiconductors, June 16-22, 2018, Szczyrk, Poland

345. *"H-shaped Cd(Mn)Te Nanostructure For the Observation of Inverse Spin Hall Effect (ISHE)",*
Z. Adamus, R. Rudniewski, E. Bobko, M. Aleszkiewicz, K. Fronc, T. Wojtowicz, J. Wróbel,
47th "Jaszowiec" International School and Conference on the Physics of Semiconductors, June 16-22, 2018, Szczyrk, Poland

346. *"Growth and magnetotransport properties of (111) Pb1-xSnxSe topological crystalline insulator epilayers",*
A. Kazakov, V. Volobuev, Z. Adamus, M. Aleszkiewicz, T. Wojciechowski, B. Turowski, T. Wojtowicz, T. Dietl,
47th "Jaszowiec" International School and Conference on the Physics of Semiconductors, June 16-22, 2018, Szczyrk, Poland

347. *"Scanning Kerr rotation measurements of etched channels in CdTe quantum wells",*
R. Rudniewski, M. Szot, K. Karpińska, Ł. Kłopotowski, M. Wiater, Z. Adamus, T. Wojciechowski, L. Kowalczyk, T. Story, T. Wojtowicz,
47th "Jaszowiec" International School and Conference on the Physics of Semiconductors, June 16-22, 2018, Szczyrk, Poland

348. *"Towards high mobility 2DEG in CdTe quantum wells doped with Indium",*
R. Rudniewski, W. Zaleszczyk, M. Wiater, Z. Adamus, T. Wojciechowski, T. Wojtowicz,
47th "Jaszowiec" International School and Conference on the Physics of Semiconductors, June 16-22, 2018, Szczyrk, Poland

349. *"Quantum transport in (111)-oriented $Pb_{1-x}Sn_xSe$ topological crystalline insulator epilayers and quantum wells",*
A. Kazakov, V. V. Volobuev, Z. Adamus, M. Aleszkiewicz, T. Wojciechowski, B. Turowski, G. Springholz, T. Wojtowicz, T. Dietl,
48th "Jaszowiec" International School and Conference on the Physics of Semiconductors, June 8-14, 2019, Szczyrk, Poland

350. *" Quantum point contacts fabricated from $Cd_{1-x}Mn_xTe$ heterostructures using the split-gate technique",*
R. Rudniewski, W. Zaleszczyk, M. Wiater, Z. Adamus, D. Śnieżek, P. Ungier, T. Wojciechowski, J. Wróbel, T. Wojtowicz,
48th "Jaszowiec" International School and Conference on the Physics of Semiconductors, June 8-14, 2019, Szczyrk, Poland

351. *"E-beam lithography as a tool for fabrication of electrical contacts to nanoobjects",*
J. Polaczyński, T. Wojciechowski, P. Dziawa, J. Sadowski, W. Zaleszczyk, J. Korczak, T. Story, T. Wojtowicz,
48th "Jaszowiec" International School and Conference on the Physics of Semiconductors, June 8-14, 2019, Szczyrk, Poland

352. *"Terahertz Spectroscopy of Double CdTe/CdMgTe Quantum Wells",*
D. Yavorskiy, M. Szoła, K. Karpierz, I. Własny, D. Śnieżek, P. Nowicki, J. Wróbel, S. Chusnutdinow, G. Karczewski, T. Wojtowicz, J. Łusakowski,

48th "Jaszowiec" International School and Conference on the Physics of Semiconductors, June 8-14, 2019, Szczyrk, Poland

353. *"Selenium induced emission energy variation in Cd(Se,Te)/ZnTe self-assembled quantum dots",*
P. Wojnar, P. Baranowski, M. Szymura, J. Płachta, S. Chusnutdinow, G. Karczewski, T. Wojtowicz,
48th "Jaszowiec" International School and Conference on the Physics of Semiconductors, June 8-14, 2019, Szczyrk, Poland

354. *"Molecular beam epitaxy of crystalline tellurium thin layers grown on semi insulating substrate",*
P. Wojnar, P. Dziawa, Z. Adamus, M. Aleszkiewicz, M. Szymura, J. Domagała, R. Kuna, S. Chusnutdinow, G. Karczewski, T. Wojtowicz,
48th "Jaszowiec" International School and Conference on the Physics of Semiconductors, June 8-14, 2019, Szczyrk, Poland

355. *"Selected Mechanical Properties of MBE-Grown (Pb,Cd)Se Layers",*
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G. Grabecki, A. Dąbrowski, P. Iwanowski, T. Wojtowicz, A. Hruban, A. Wiśniewski,
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366. *"Signature of Chiral Anomaly and Magnetotransport in (001) Strained "Grey" Tin",*
J. Polaczyński, A. Kazakov, R. Rudniewski, B. Turowski, Z. Adamus, T. Wojtowicz,V.V. Volobuev,
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B. Turowski, R. Rudniewski, M. Rosmus, M. Aleszkiewicz, T. Wojciechowski, W. Zaleszczyk, Z. Muhammad, N. Olszowska, T. Wojtowicz, V.V. Volobuev,
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371. *"Electronic structure of Sn1-xMnxTe thin films studied by ARPES",*
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