

# Grzegorz Karczewski

## List of Publications by Year in descending order

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419  
papers

3,810  
citations

159358

30  
h-index

205818

48  
g-index

428  
all docs

428  
docs citations

428  
times ranked

2806  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transverse magnetic routing of light emission in hybrid plasmonic-semiconductor nanostructures: Towards operation at room temperature. <i>Physical Review Research</i> , 2022, 4, .	1.3	0
2	Ultrarrow lines in Raman spectra of quantum wells due to effective acoustic phonon selection by in-plane wave vector. <i>Physical Review B</i> , 2022, 105, .	1.1	0
3	Plasmon-to-exciton spin conversion in semiconductor-metal hybrid nanostructures. <i>Physical Review B</i> , 2021, 103, .	1.1	2
4	Coexistence of Short- and Long-Range Ferromagnetic Proximity Effects in a Fe/(Cd,Mg)Te/CdTe Quantum Well Hybrid Structure. <i>Nano Letters</i> , 2021, 21, 2370-2375.	4.5	4
5	Structural defects in MBE-grown CdTe-basing heterojunctions designed for photovoltaic applications. <i>Semiconductor Science and Technology</i> , 2021, 36, 045022.	1.0	3
6	Magnetic field dependence of the in-plane hole g factor in ZnSe- and CdTe-based quantum wells. <i>Physical Review B</i> , 2021, 103, .	1.1	1
7	Laser Synthesis of Magnetic Nanoparticles in Liquids and Application in the Fabrication of Polymerâ€“Nanoparticle Composites. <i>ACS Applied Nano Materials</i> , 2021, 4, 6407-6440.	2.4	15
8	Near-infrared emission from spatially indirect excitons in type II ZnTe/CdSe/(Zn,Mg)Te core/double-shell nanowires. <i>Nanotechnology</i> , 2021, 32, 495202.	1.3	1
9	Exciton Luminescence of Double CdTe Monolayers in ZnTe Matrix. <i>Physics of the Solid State</i> , 2021, 63, 667.	0.2	0
10	Photoluminescence of Heterostructures with Ultrathin CdTe/ZnTe Quantum Wells. <i>Physics of the Solid State</i> , 2020, 62, 1633-1638.	0.2	0
11	Excitons in CdTe/ZnTe heterostructure with atomically thin CdTe layers. <i>AIP Advances</i> , 2020, 10, 085224.	0.6	3
12	Optical signatures of type Iâ€“type II band alignment transition in Cd(Se,Te)/ZnTe self-assembled quantum dots. <i>Applied Physics Letters</i> , 2020, 117, .	1.5	7
13	Room temperature infrared detectors made of PbTe/CdTe multilayer composite. <i>Applied Physics Letters</i> , 2020, 117, 072102.	1.5	10
14	Longitudinal spin relaxation time of donor-bound electrons in a CdTe quantum well. <i>Physical Review B</i> , 2020, 102, .	1.1	1
15	Renormalization of the electron g factor in the degenerate two-dimensional electron gas of ZnSe- and CdTe-based quantum wells. <i>Physical Review B</i> , 2020, 102, .	1.1	2
16	Temperature Dependence of the Vibrational Mode of Pb1 -xSnxTe Films Grown by MBE on the GaAs/CdTe Hybrid Substrate. <i>Bulletin of the Lebedev Physics Institute</i> , 2020, 47, 16-22.	0.1	0
17	High-resolution resonance spin-flip Raman spectroscopy of pairs of manganese ions in a CdTe quantum well. <i>Physical Review B</i> , 2020, 101, .	1.1	4
18	Photoluminescence of CdTe/ZnTe Heterostructures with Nominal CdTe Layer Thickness from One to Eight Monolayers Grown by Atomic Layer Deposition. <i>Physics of the Solid State</i> , 2020, 62, 1056-1059.	0.2	2

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19	Dielectric Response of ZnTe/Ti/Al Schottky Junctions with CdTe Quantum Dots Studied by Impedance Spectroscopy. Crystals, 2020, 10, 170.	1.0	0
20	Short range proximity effect induced by exchange interaction in tunnel-coupled CdTe and (Cd,Mn)Te quantum wells. Physical Review B, 2020, 101, .	1.1	1
21	Polarization and magneto-optical properties of excitonic emission from wurtzite CdTe/(Cd,Mg)Te core/shell nanowires. Nanotechnology, 2020, 31, 215710.	1.3	4
22	Quantum beats in the polarization of the spin-dependent photon echo from donor-bound excitons in CdTe/(Cd,Mg)Te quantum wells. Physical Review B, 2020, 101, .	1.1	5
23	Grating Metamaterials Based on CdTe/CdMgTe Quantum Wells as Terahertz Detectors for High Magnetic Field Applications. Applied Sciences (Switzerland), 2020, 10, 2807.	1.3	1
24	Polarization of Magnetoplasmons in Grating Metamaterials Based on CdTe/CdMgTe Quantum Wells. Materials, 2020, 13, 1811.	1.3	2
25	In-plane anisotropy of the hole $g$ factor in CdTe/(Cd,Mg)Te quantum wells studied by spin-dependent photon echoes. Physical Review Research, 2020, 2, .	1.3	4
26	Spin relaxation time of donor-bound electrons in a CdTe quantum well. Physical Review B, 2019, 99, .	1.1	10
27	Low voltage control of exchange coupling in a ferromagnet-semiconductor quantum well hybrid structure. Nature Communications, 2019, 10, 2899.	5.8	15
28	Nuclear spin dynamics influenced and detected by electron spin polarization in CdTe/(Cd,Mg)Te quantum wells. Physical Review B, 2019, 99, .	1.1	1
29	Emission of Light by CdMnTe/CdMgTe Heterostructure with Narrow Quantum Wells. Physics of the Solid State, 2019, 61, 1475-1477.	0.2	1
30	Design and microelectronic analysis of Au/ZnTe:In/CdTe:In/GaAs/In photosensor for optoelectronic applications using MBE technology. Journal of Materials Science: Materials in Electronics, 2019, 30, 4936-4942.	1.1	4
31	Transverse magneto-optical Kerr effect at narrow optical resonances. Nanophotonics, 2019, 8, 287-296.	2.9	19
32	Exciton Light Emission of CdTe/ZnTe Heterostructures with Double Ultrathin Narrow-Gap Layers. Physics of the Solid State, 2019, 61, 414-417.	0.2	1
33	Polarimetry of photon echo on charged and neutral excitons in semiconductor quantum wells. Scientific Reports, 2019, 9, 5666.	1.6	12
34	Temperature dependence of the spin relaxation time of donor-bound electrons immersed in a CdTe quantum well. Physical Review B, 2019, 100, .	1.1	2
35	Microscopic dynamics of electron hopping in a semiconductor quantum well probed by spin-dependent photon echoes. Physical Review B, 2019, 100, .	1.1	9
36	Terahertz Detectors Based on Plasmonic Excitations in Double CdTe/CdMgTe Quantum Wells. , 2019, , .		0

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37	Ternary $\text{Pb}_{1-x}\text{Cd}_x\text{Se}$ films grown by molecular beam epitaxy on GaAs/ZnTe hybrid substrates. <i>Journal of Crystal Growth</i> , 2019, 507, 10-15.	0.7	2
38	Terahertz Spectroscopy of Double CdTe/CdMgTe Quantum Wells. <i>Acta Physica Polonica A</i> , 2019, 136, 617-619.	0.2	0
39	Magnetic field induced mixing of light hole excitonic states in (Cd, Mn)Te/(Cd, Mg)Te core/shell nanowires. <i>Nanotechnology</i> , 2018, 29, 205205.	1.3	6
40	Surface acceptor states in MBE-grown CdTe layers. <i>Journal of Applied Physics</i> , 2018, 123, 161522.	1.1	5
41	Luminescence of ZnMnTe/ZnMgTe Heterostructures with Monolayer Manganese Inclusions in ZnTe Quantum Wells and Its Behavior in a Magnetic Field. <i>Semiconductors</i> , 2018, 52, 514-518.	0.2	2
42	Self-organization process in crystalline PbTe/CdTe multilayer structures: Experiment and Monte Carlo simulations. <i>Journal of Alloys and Compounds</i> , 2018, 747, 809-814.	2.8	9
43	Infrared Reflection Spectra of $\text{Pb}_{1-x}\text{Sn}_x\text{Se}$ ( $x = 0.2, 0.34$ ) Topological Insulator Films on a ZnTe/GaAs Substrate and the Vibrational Modes of Multilayer Structures. <i>Semiconductors</i> , 2018, 52, 34-40.	0.2	6
44	Surface Polaritons in GaAs/CdTe/PbTe Multilayer Structures. <i>JETP Letters</i> , 2018, 108, 460-464.	0.4	0
45	Plasmon-excitonic Enhancement of the Transverse Magneto-Optical Kerr effect in the Semiconductor Magnetic Nanostructures. , 2018, , .		0
46	Single-beam optical measurement of spin dynamics in CdTe/(Cd,Mg)Te quantum wells. <i>Physical Review B</i> , 2018, 98, .	1.1	8
47	Interfacial Ferromagnetism in a Co/CdTe Ferromagnet/Semiconductor Quantum Well Hybrid Structure. <i>Physics of the Solid State</i> , 2018, 60, 1578-1581.	0.2	3
48	Persistent spin helix manipulation by optical doping of a CdTe quantum well. <i>Physical Review B</i> , 2018, 97, .	1.1	20
49	Routing the emission of a near-surface light source by a magnetic field. <i>Nature Physics</i> , 2018, 14, 1043-1048.	6.5	27
50	Growth and optical investigations of high quality individual CdTe/(Cd,Mg)Te core/shell nanowires. <i>Nanotechnology</i> , 2017, 28, 045207.	1.3	6
51	Influence of Illumination on the Electrical Properties of p-(ZnMgTe/ZnTe:N)/CdTe/n-(CdTe:I)/GaAs Heterojunction Grown by Molecular Beam Epitaxy (MBE). <i>Journal of Electronic Materials</i> , 2017, 46, 1061-1066.	1.0	3
52	PbSe/CdTe single quantum well infrared detectors. <i>AIP Advances</i> , 2017, 7, 035111.	0.6	10
53	Damping of Rabi oscillations in intensity-dependent photon echoes from exciton complexes in a CdTe/(Cd,Mg)Te single quantum well. <i>Physical Review B</i> , 2017, 96, .	1.1	19
54	Mesoscopic Transport in Electrostatically Defined Spin-Full Channels in Quantum Hall Ferromagnets. <i>Physical Review Letters</i> , 2017, 119, 046803.	2.9	13

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55	Excitation energy dependence of initial phase shift in Kerr rotation of resident electron spin polarization in a CdTe single quantum well. <i>Physica Status Solidi (B): Basic Research</i> , 2017, 254, 1600449.	0.7	1
56	High-Resolution Two-Dimensional Optical Spectroscopy of Electron Spins. <i>Physical Review X</i> , 2017, 7, .	2.8	9
57	Direct measurement of the long-range $p\text{-}d$ exchange coupling in a ferromagnet-semiconductor Co/CdMgTe/CdTe quantum well hybrid structure. <i>Physical Review B</i> , 2017, 96, .	1.1	14
58	Spin precession and spin waves in a chiral electron gas: Beyond Larmor's theorem. <i>Physical Review B</i> , 2017, 96, .	1.1	8
59	Magnetic quantum ratchet effect in (Cd,Mn)Te- and CdTe-based quantum well structures with a lateral asymmetric superlattice. <i>Physical Review B</i> , 2017, 95, .	1.1	15
60	Excitonic enhancement of the transverse magneto-optical Kerr effect in semiconductor nanostructures. , 2017, , .		0
61	Series of "fractional" peaks in multiple paramagnetic resonance Raman scattering by (Cd,Mn)Te quantum wells. <i>Physical Review B</i> , 2017, 96, .	1.1	4
62	CdTe-HgTe core-shell nanowire growth controlled by RHEED. <i>Physical Review Materials</i> , 2017, 1, .	0.9	10
63	Photoluminescence of CdTe/CdMgTe Double Quantum Wells with a Two-Dimensional Electron Gas. <i>Acta Physica Polonica A</i> , 2017, 132, 390-392.	0.2	0
64	Spin-orbit stiffness of the spin-polarized electron gas. <i>Physica Status Solidi - Rapid Research Letters</i> , 2016, 10, 315-319.	1.2	2
65	Nanosecond spin coherence of excitons bound to acceptors in a CdTe quantum well. <i>Journal of Applied Physics</i> , 2016, 119, 123906.	1.1	2
66	Electrical properties of p-ZnTe/n+-GaAs junctions grown at different Te/Zn beam equivalent pressure ratios by molecular beam epitaxy. <i>Journal of Applied Physics</i> , 2016, 120, 205704.	1.1	1
67	Temperature quenching of intracenter luminescence of Mn <sup>2+</sup> ions in diluted magnetic semiconductors. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2016, 121, 507-510.	0.2	1
68	Light emission from CdTe based quantum well structures with embedded ultrathin MnTe layers. <i>Journal of Luminescence</i> , 2016, 176, 331-334.	1.5	0
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73	Optical orientation of hole magnetic polarons in (Cd,Mn)Te/(Cd,Mn,Mg)Te quantum wells. Physical Review B, 2016, 93, .	1.1	11
74	Optical properties of zinc telluride with cadmium telluride submonolayers. Physics of the Solid State, 2016, 58, 2109-2112.	0.2	3
75	Electrostatic control of quantum Hall ferromagnetic transition: A step toward reconfigurable network of helical channels. Physical Review B, 2016, 94, .	1.1	10
76	Monte Carlo simulations of morphological transitions in PbTe/CdTe immiscible material systems. Journal of Applied Physics, 2016, 120, 124305.	1.1	7
77	Symmetry properties of n-doped (Cd,Mn)Te quantum well photoluminescence spectra: An exemplary evidence for anisotropy-induced valence-band mixing. Applied Physics Letters, 2016, 108, 191113.	1.5	0
78	Evidence of exchange interaction of localized carriers and transition metals in diluted II-VI nanostructures: ODMR study. Physica Status Solidi C: Current Topics in Solid State Physics, 2016, 13, 538-541.	0.8	0
79	Coexistence of optically active radial and axial CdTe insertions in single ZnTe nanowire. Nanoscale, 2016, 8, 5720-5727.	2.8	7
80	Long-range $d$ exchange interaction in a ferromagnetic semiconductor hybrid structure. Nature Physics, 2016, 12, 85-91.	6.5	47
81	Optical signatures of spin-dependent coupling in semimagnetic quantum dot molecules. Physical Review B, 2015, 92, .	1.1	0
82	Magnetoresistance quantum oscillations in a magnetic two-dimensional electron gas. Physical Review B, 2015, 92, .	1.1	10
83	Electron density magnification of the collective spin-orbit field in quantum wells. Physical Review B, 2015, 92, .	1.1	10
84	Polytypism and band alignment in ZnSe nanowires revealed by photoluminescence spectroscopy of embedded (Zn,Cd)Se quantum dots. Physical Review B, 2015, 91, .	1.1	2
85	Turnover of Exciton Spin States in CdTe/Cd <sub>0.88</sub> Mn <sub>0.12</sub> Te Quantum Wells. Journal of the Physical Society of Japan, 2015, 84, 104704.	0.7	1
86	ODMR evidence of the electron cascade in multiple asymmetrical (CdMn)Te quantum wells. JETP Letters, 2015, 102, 230-234.	0.4	3
87	Extended defects in MBE-grown CdTe-based solar cells. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 1115-1118.	0.8	2
88	Spin Splitting Anisotropy in Single Diluted Magnetic Nanowire Heterostructures. Nano Letters, 2015, 15, 1972-1978.	4.5	19
89	Nanoscale morphology of multilayer PbTe/CdTe heterostructures and its effect on photoluminescence properties. Nanotechnology, 2015, 26, 135601.	1.3	9
90	Temperature properties of intracenter luminescence of Mn <sup>2+</sup> ions in diluted magnetic semiconductors and related heterostructures. Physics of the Solid State, 2015, 57, 2179-2183.	0.2	0

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91	Magnetoplasmons in high electron mobility CdTe/CdMgTe quantum wells. <i>Physical Review B</i> , 2015, 91, .	1.1	12
92	Engineering the hole confinement for CdTe-based quantum dot molecules. <i>Journal of Applied Physics</i> , 2015, 117, .	1.1	2
93	Impedance Spectroscopy of n-CdTe/p-CdMnTe/p-GaAs Diluted Magnetic Diode. <i>Journal of Electronic Materials</i> , 2015, 44, 2768-2772.	1.0	7
94	Influence of the ZnTe barrier width on photoluminescence spectra of CdTe/ZnTe superlattices with layers of quantum dots. <i>Physics of the Solid State</i> , 2015, 57, 613-617.	0.2	0
95	Optical phonons in PbTe/CdTe multilayer heterostructures. <i>Semiconductors</i> , 2015, 49, 644-648.	0.2	4
96	Stark spectroscopy of CdTe and CdMnTe quantum dots embedded in n-i-p diodes. <i>Journal of Applied Physics</i> , 2014, 115, 203512.	1.1	2
97	Optical investigation of the vertical diffusion of manganese in planar structures based on CdTe and Cd <sub>1-x</sub> Mg <sub>x</sub> Te with ultrathin MnTe layers. <i>Physics of the Solid State</i> , 2014, 56, 2149-2154.	0.2	6
98	Terahertz detectors based on a gated two-dimensional electron plasma in CdMnTe/CdMgTe quantum wells. , 2014, , .		0
99	High-Resolution X-Ray Diffraction Studies on MBE-Grown p-ZnTe/n-CdTe Heterojunctions for Solar Cell Applications. <i>Acta Physica Polonica A</i> , 2014, 126, 1083-1086.	0.2	3
100	Reduction of the Optical Losses in CdTe/ZnTe Thin-Film Solar Cells. <i>Acta Physica Polonica A</i> , 2014, 126, 1072-1075.	0.2	2
101	Surface defect states in MBE-grown CdTe layers. , 2014, , .		1
102	All-optical NMR in semiconductors provided by resonant cooling of nuclear spins interacting with electrons in the resonant spin amplification regime. <i>Physical Review B</i> , 2014, 90, .	1.1	24
103	Strain-induced energy gap variation in ZnTe/ZnMgTe core/shell nanowires. <i>Applied Physics Letters</i> , 2014, 104, .	1.5	13
104	Suris Tetrons: Possible Spectroscopic Evidence for Four-Particle Optical Excitations of a Two-Dimensional Electron Gas. <i>Physical Review Letters</i> , 2014, 112, 147402.	2.9	22
105	Raman scattering as a tool to characterize semiconductor crystals, thin layers, and low-dimensional structures containing transition metals. <i>Physica Status Solidi (B): Basic Research</i> , 2014, 251, 1133-1143.	0.7	4
106	Electrical and photovoltaic properties of CdTe/ZnTe n-i-p junctions grown by molecular beam epitaxy. <i>Journal of Applied Physics</i> , 2014, 115, 244501.	1.1	5
107	Identification of recombination centers responsible for reduction of energy conversion efficiency in CdTe-based solar cells. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2014, 11, 1296-1299.	0.8	3
108	Spin Texture of $\langle \mathbf{m} \rangle$ in Bi <sub>2</sub> Te <sub>3</sub> Films in the Quantum Tunneling Limit. <i>Physical Review Letters</i> , 2014, 112, 057601.	2.92	61

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109	Strong s-p exchange coupling in ZnMnTe/ZnMgTe core/shell nanowires. Physica Status Solidi C: Current Topics in Solid State Physics, 2014, 11, 1308-1311.	0.8	1
110	Suppressing Twin Formation in Bi <sub>2</sub> Se <sub>3</sub> Thin Films. Advanced Materials Interfaces, 2014, 1, 1400134.	1.9	52
111	Access to long-term optical memories using photon echoes retrieved from semiconductor spins. Nature Photonics, 2014, 8, 851-857.	15.6	74
112	Fractional quantum Hall effect in a dilute magnetic semiconductor. Physical Review B, 2014, 90, .	1.1	19
113	Micropillar Cavity Containing a CdTe Quantum Dot with a Single Manganese Ion. Crystal Growth and Design, 2014, 14, 988-992.	1.4	23
114	Coherent Coupling of Excitons and Trions in a Photoexcited CdTe/CdMgTe Quantum Well. Physical Review Letters, 2014, 112, 097401.	2.9	44
115	Negative initial phase shift of Kerr rotation generated from the building-up process of resident electron spin polarization in a CdTe single quantum well. Physical Review B, 2014, 90, .	1.1	2
116	Luminescence in ZnMnTe/ZnMgTe and CdMnTe/CdMgTe structures with different parameters of quantum wells. Semiconductors, 2013, 47, 45-49.	0.2	1
117	Photoluminescence and exciton resonances over the scattered light in multiphonon spectra of resonant scattering in the CdTe/ZnTe superlattices with narrow quantum wells. Physics of the Solid State, 2013, 55, 2355-2360.	0.2	4
118	Extended deep-level defects in MBE-grown p-type CdTe layers. Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 113-116.	0.8	3
119	Coulomb-driven organization and enhancement of spin-orbit fields in collective spin excitations. Physical Review B, 2013, 87, .	1.1	20
120	Spin-flip Raman scattering of the neutral and charged excitons confined in a CdTe/(Cd,Mg)Te quantum well. Physical Review B, 2013, 87, .	1.1	29
121	Influence of exciton spin relaxation on the photoluminescence spectra of semimagnetic quantum dots. Physical Review B, 2013, 87, .	1.1	13
122	Native defects in MBE-grown CdTe. , 2013, , .		0
123	Anomalously large spin susceptibility enhancement in n-doped CdMnTe quantum wells. , 2013, , .		0
124	Time Resolved Photoluminescence Study of the Wide (Cd,Mn)Te/(Cd,Mg)Te Quantum Well. Acta Physica Polonica A, 2013, 124, 895-897.	0.2	0
125	Identification of Optical Transitions from CdTe and CdMnTe Quantum Dots Embedded in ZnTe Nanowires. Acta Physica Polonica A, 2013, 124, 824-826.	0.2	0
126	Subnanosecond magnetization dynamics induced by a pulsed magnetic field in diluted magnetic semiconductor quantum wells. Physical Review B, 2013, 87, .	1.1	8



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127	Resonant spin amplification of resident electrons in CdTe/(Cd,Mg)Te quantum wells subject to tilted magnetic fields. <i>Physical Review B</i> , 2012, 86, .	1.1	14
128	Terahertz radiation from spin coherence in diluted magnetic semiconductors. , 2012, , .		0
129	Laser irradiation effects on the CdTe/ZnTe quantum dot structure studied by Raman and AFM spectroscopy. <i>Journal of Applied Physics</i> , 2012, 112, 063520.	1.1	6
130	Spin properties of trions in a dense quasi-2D electron gas. <i>Semiconductors</i> , 2012, 46, 1502-1505.	0.2	0
131	Interface inversion asymmetry in Cd <sub>1-x</sub> Mn <sub>x</sub> Te quantum wells. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2012, 9, 1783-1786.	0.8	2
132	Exciton-Mn exchange interactions as a function of translational wavevector in Cd <sub>1-x</sub> Mn <sub>x</sub> Te quantum wells. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2012, 9, 1826-1829.	0.8	0
133	Electro-optical characterization of Ti/Au/ZnTe Schottky diodes with CdTe quantum dots. <i>Materials Chemistry and Physics</i> , 2012, 134, 821-828.	2.0	5
134	Luminescence of CdMnTe/CdMgTe structures with periodically arranged narrow-gap inclusions. <i>Semiconductors</i> , 2012, 46, 637-640.	0.2	1
135	Electrical Properties of p-ZnTe/n-CdTe Photodiodes. <i>Acta Physica Polonica A</i> , 2012, 122, 1077-1079.	0.2	5
136	Capture kinetics at deep-level defects in MBE-grown CdTe layers. <i>Semiconductor Science and Technology</i> , 2011, 26, 045008.	1.0	5
137	Positively versus negatively charged excitons: A high magnetic field study of CdTe/Cd <sub>1-x</sub> Mg <sub>x</sub> Te quantum wells. <i>Physical Review B</i> , 2011, 83, .	1.1	30
138	Manifestation of the composition inhomogeneity of Zn <sub>1-x</sub> Mg <sub>x</sub> Te quantum wires in Raman spectra. <i>Physics of the Solid State</i> , 2011, 53, 407-410.	0.2	3
139	Effects of motion on exciton magnetic properties. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2011, 8, 1173-1177.	0.8	0
140	Growth and micro-luminescence from diluted magnetic quantum dots. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2011, 8, 2515-2518.	0.8	5
141	Dynamical corrections to spin-wave excitations in quantum wells due to Coulomb interactions and magnetic ions. <i>Physical Review B</i> , 2011, 83, .	1.1	6
142	Tuning the inter-shell splitting in self-assembled CdTe quantum dots. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	10
143	Stark spectroscopy and radiative lifetimes in single self-assembled CdTe quantum dots. <i>Physical Review B</i> , 2011, 83, .	1.1	17
144	Plasmon mechanism of the trion emission band broadening in quantum wells. <i>Physical Review B</i> , 2011, 83, .	1.1	5

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145	Midinfrared electroluminescence from PbTe/CdTe quantum dot light-emitting diodes. Applied Physics Letters, 2011, 98, 1401-1404. Magnetic polaron formation and exciton spin relaxation in single Cd	1.5	36
146	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /></mml:msub></mml:mrow><mml:mn>1</mml:mn><mml:mo>âˆ’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math> xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /></mml:msub></mml:mrow><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math>	1.5	14
147	Growth and optical properties of CdTe quantum dots in ZnTe nanowires. Applied Physics Letters, 2011, 99, 113109.	1.5	14
148	Morphology and Selected Properties of Core/Shell ZnTe-Based Nanowire Structures Containing ZnO. Acta Physica Polonica A, 2011, 119, 612-614.	0.2	3
149	Spectroscopy of Indirect Excitons in Vertically Stacked CdTe Quantum Dot Structures. Acta Physica Polonica A, 2011, 120, 856-858.	0.2	2
150	Native Deep-Level Defects in MBE-Grown p-Type CdTe. Acta Physica Polonica A, 2011, 120, 946-949.	0.2	4
151	Capacitance-Voltage Studies of Ti/p-ZnTe Schottky Barrier Structures Containing CdTe Quantum Dots. Acta Physica Polonica A, 2011, 119, 621-623.	0.2	0
152	Influence of the electrical conductivity on magnetic properties of CdZnMnTe epitaxial layers. , 2010, , .		0
153	Effect of a magnetic field on energy transfer of band states to the Mn <sup>2+</sup> 3d shell in the CdMgTe matrix with ultrathin CdMnTe layers. Physics of the Solid State, 2010, 52, 27-31.	0.2	3
154	Raman scattering and hot luminescence spectra of Zn <sub>1-x</sub> Mn <sub>x</sub> Te quantum wires. Physics of the Solid State, 2010, 52, 1757-1762.	0.2	4
155	Temperature properties of exciton luminescence from CdTe quantum wells with different thicknesses in the CdTe/CdMnTe structure. Physics of the Solid State, 2010, 52, 2181-2185.	0.2	0
156	Enhancement of the spin gap in fully occupied two-dimensional Landau levels. Physical Review B, 2010, 82, .	1.1	8
157	Local Definition of Spin Polarization in a Semiconductor by Micro-scale Current Loops. Journal of Superconductivity and Novel Magnetism, 2010, 23, 111-114.	0.8	2
158	Excitons in motion in II-VI semiconductors. Physica Status Solidi (B): Basic Research, 2010, 247, 1521-1527.	0.7	11
159	Spin properties of trions in a dense 2DEG. Physica Status Solidi (B): Basic Research, 2010, 247, 1531-1534.	0.7	2
160	Sub-ns electrical control of spin polarization in a semiconductor by microscale current loops. Physica Status Solidi (B): Basic Research, 2010, 247, 1505-1507.	0.7	5
161	Effect of the barrier width on the cathodoluminescence spectra in the strained CdTe/ZnTe superlattices with quantum dot layers. Physica Status Solidi C: Current Topics in Solid State Physics, 2010, 7, 1507-1509.	0.8	0
162	Energetic shift of cold and hot excitons in (Cd, Mn)Te/(Cd, Mg)Te quantum wells. , 2010, , .		0

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