

Grzegorz Karczewski

List of Publications by Year in descending order

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419
papers

3,810
citations

159358

30
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48
g-index

428
all docs

428
docs citations

428
times ranked

2806
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature dependent magnetic anisotropy in (Ga,Mn)As layers. Physical Review B, 2004, 70, .	1.1	155
2	Optical Manipulation of a Single Mn Spin in a CdTe-Based Quantum Dot. Physical Review Letters, 2009, 103, 087401.	2.9	153
3	Photoluminescence study of CdTe/ZnTe self-assembled quantum dots. Applied Physics Letters, 1999, 74, 3011-3013.	1.5	146
4	Kinetic Exchange between the Conduction Band Electrons and Magnetic Ions in Quantum-Confined Structures. Physical Review Letters, 1999, 83, 1431-1434.	2.9	114
5	Spin coherence of a two-dimensional electron gas induced by resonant excitation of trions and excitons in $\text{Cd}_{1-x}\text{Mn}_x\text{Te}$. Physical Review Letters, 2011, 107, 077401.	1.1	107
6	Access to long-term optical memories using photon echoes retrieved from semiconductor spins. Nature Photonics, 2014, 8, 851-857.	15.6	74
7	Optical method for the determination of carrier density in modulation-doped quantum wells. Physical Review B, 2002, 65, .	1.1	67
8	Optically-induced magnetization of CdMnTe self-assembled quantum dots. Applied Physics Letters, 2004, 84, 3337-3339.	1.5	62
9	Spin Texture of $\text{Bi}_{1-x}\text{Mn}_x$ Thin Films in the Quantum Tunneling Limit. Physical Review Letters, 2014, 112, 057601.	1.9	61
10	Microluminescence from $\text{Cd}_{1-x}\text{Mn}_x\text{Te}$ magnetic quantum dots containing only a few Mn ions. Physical Review B, 2007, 75, .	1.1	58
11	Modulation-doped $\text{Cd}_{1-x}\text{Mn}_x\text{Te}/\text{Cd}_{1-y}\text{MgyTe}$ quantum well structures with spatial in-plane profiling of the well width and the doping intensity. Applied Physics Letters, 1998, 73, 1379-1381.	1.5	57
12	Catalytic growth of ZnTe nanowires by molecular beam epitaxy: structural studies. Nanotechnology, 2007, 18, 475606.	1.3	55
13	Suppressing Twin Formation in Bi_2Se_3 Thin Films. Advanced Materials Interfaces, 2014, 1, 1400134.	1.9	52
14	Brightening of dark excitons in a single CdTe quantum dot containing a single Mn ion. Physical Review B, 2010, 82, .	1.1	48
15	Influence of s-d Exchange Interaction on Universal Conductance Fluctuations in $\text{Cd}_{1-x}\text{Mn}_x\text{Te}$. Physical Review Letters, 1995, 75, 3170-3173.	2.9	47
16	Long-range d exchange interaction in a ferromagnet-semiconductor hybrid structure. Nature Physics, 2016, 12, 85-91.	6.5	47
17	Raman spectra of structures with CdTe-, ZnTe-, and CdSe-based quantum dots and their relation to the fabrication technology. Physics of the Solid State, 2008, 50, 164-167.	0.2	45
18	Magnetic polaron formation and exciton spin relaxation in single Cd Mn_x quantum dots. Physical Review Letters, 2004, 93, 077401.	1.1	44

#	ARTICLE	IF	CITATIONS
19	Coherent Coupling of Excitons and Trions in a Photoexcited CdTe/CdMgTe Quantum Well. <i>Physical Review Letters</i> , 2014, 112, 097401.	2.9	44
20	Excitons and Trions Modified by Interaction with a Two-Dimensional Electron Gas. <i>Physica Status Solidi (B): Basic Research</i> , 2001, 227, 343-352.	0.7	43
21	Temperature Peculiarities of Magnetic Anisotropy in (Ga,Mn)As: The Role of the Hole Concentration. <i>Journal of Superconductivity and Novel Magnetism</i> , 2003, 16, 7-10.	0.5	42
22	Exciton spin relaxation time in quantum dots measured by continuous-wave photoluminescence spectroscopy. <i>Applied Physics Letters</i> , 2003, 83, 5524-5526.	1.5	41
23	Spin coherence of two-dimensional electron gas in CdTe/(Cd,Mg)Te quantum wells. <i>Physica Status Solidi (B): Basic Research</i> , 2006, 243, 878-881.	0.7	41
24	Extreme In-Plane Anisotropy of the Heavy-Hole Factor in (001)-CdTe/CdMnTe Quantum Wells. <i>Physical Review Letters</i> , 1999, 82, 3176-3179.	2.9	39
25	Size-dependent magneto-optical effects in CdMnTe diluted magnetic quantum dots. <i>Nanotechnology</i> , 2008, 19, 235403.	1.3	37
26	Midinfrared electroluminescence from PbTe/CdTe quantum dot light-emitting diodes. <i>Applied Physics Letters</i> , 2011, 98, .	1.5	36
27	Fractional quantum Hall effect in CdTe. <i>Physical Review B</i> , 2010, 82, .	1.1	33
28	Spin-lattice relaxation in semimagnetic CdMnTe/CdMgTe quantum wells. <i>Physical Review B</i> , 2000, 62, R10641-R10644.	1.1	32
29	Ferromagnetism in (Zn,Cr)Se Layers Grown by Molecular Beam Epitaxy. <i>Journal of Superconductivity and Novel Magnetism</i> , 2003, 16, 55-58.	0.5	31
30	Definitive observation of the dark triplet ground state of charged excitons in high magnetic fields. <i>Physical Review B</i> , 2005, 71, .	1.1	31
31	Graded Quantum Well Structures Made of Diluted Magnetic Semiconductors. <i>Acta Physica Polonica A</i> , 1998, 94, 199-217.	0.2	31
32	Positively versus negatively charged excitons: A high magnetic field study of CdTe/Cd $_{1-x}$ Mg $_x$ Te quantum wells. <i>Physical Review B</i> , 2011, 83, .	1.1	30
33	Growth and Optical Properties of Mn-Containing II-VI Quantum Dots. <i>Physica Status Solidi (B): Basic Research</i> , 2002, 229, 469-472.	0.7	29
34	Optical spin pumping of modulation-doped electrons probed by a two-color Kerr rotation technique. <i>Physical Review B</i> , 2006, 74, .	1.1	29
35	Spin-flip Raman scattering of the neutral and charged excitons confined in a CdTe/(Cd,Mg)Te quantum well. <i>Physical Review B</i> , 2013, 87, .	1.1	29
36	Influence of growth conditions on the lattice constant and composition of (Ga,Mn)As. <i>Applied Physics Letters</i> , 2003, 82, 4678-4680.	1.5	27

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37	Intermediate phase at the metal-insulator boundary in a magnetically doped two-dimensional electron system. <i>Physical Review B</i> , 2007, 76, .	1.1	27
38	Routing the emission of a near-surface light source by a magnetic field. <i>Nature Physics</i> , 2018, 14, 1043-1048.	6.5	27
39	Optical control of electron spin coherence in CdTe/(Cd,Mg)Te quantum wells. <i>Physical Review B</i> , 2010, 81, .	1.1	25
40	Electron spin polarization through interactions between excitons, trions, and the two-dimensional electron gas. <i>Physical Review B</i> , 2007, 75, .	1.1	24
41	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
42	Photoluminescence study on GaN homoepitaxial layers grown by molecular beam epitaxy. <i>MRS Internet Journal of Nitride Semiconductor Research</i> , 1996, 1, 1.	1.0	23
43	Acceleration of the spin-lattice relaxation in diluted magnetic quantum wells in the presence of a two-dimensional electron gas. <i>Physical Review B</i> , 2001, 64, .	1.1	23
44	Exciton Spectroscopy of Single CdTe and CdMnTe Quantum Dots. <i>Physica Status Solidi (B): Basic Research</i> , 2002, 229, 493-496.	0.7	23
45	Micropillar Cavity Containing a CdTe Quantum Dot with a Single Manganese Ion. <i>Crystal Growth and Design</i> , 2014, 14, 988-992.	1.4	23
46	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
47	Magneto-optical imaging with diluted magnetic semiconductor quantum wells. <i>Applied Physics Letters</i> , 2003, 82, 230-232.	1.5	20
48	Ultralong spin memory of optically excited single magnetic quantum dots. <i>Applied Physics Letters</i> , 2008, 93, .	1.5	20
49	Coulomb-driven organization and enhancement of spin-orbit fields in collective spin excitations. <i>Physical Review B</i> , 2013, 87, .	1.1	20
50	Persistent spin helix manipulation by optical doping of a CdTe quantum well. <i>Physical Review B</i> , 2018, 97, .	1.1	20
51	Fractional quantum Hall effect in a dilute magnetic semiconductor. <i>Physical Review B</i> , 2014, 90, .	1.1	19
52	Spin Splitting Anisotropy in Single Diluted Magnetic Nanowire Heterostructures. <i>Nano Letters</i> , 2015, 15, 1972-1978.	4.5	19
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	Transverse magneto-optical Kerr effect at narrow optical resonances. <i>Nanophotonics</i> , 2019, 8, 287-296.	2.9	19

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55	Engineering of spin-lattice relaxation dynamics by digital growth of diluted magnetic semiconductor CdMnTe. Applied Physics Letters, 2006, 88, 152105.	1.5	18
56	Spin coherence of holes and electrons in undoped CdTe/(Cd,Mg)Te quantum wells. Physical Review B, 2009, 79, .	1.1	18
57	Electron spin coherence in n-doped CdTe/CdMgTe quantum wells. Applied Physics Letters, 2006, 89, 221113.	1.5	17
58	Stark spectroscopy and radiative lifetimes in single self-assembled CdTe quantum dots. Physical Review B, 2011, 83, .	1.1	17
59	Channels of Cd diffusion and stoichiometry in CdTe grown by molecular beam epitaxy. Applied Physics Letters, 1998, 72, 206-208.	1.5	16
60	Pressure effect on magneto-optical properties in CdTe/(Cd, Mn)Te single quantum wells with high Mn concentration. Journal of Applied Physics, 1999, 85, 5935-5937.	1.1	16
61	Spin-flip Raman scattering in semi-magnetic quantum wells with in-plane anisotropy: Analysis of the intermediate states. Physical Review B, 2003, 67, .	1.1	16
62	Subwavelength multichannel imaging using a solid immersion lens: Spectroscopy of excitons in single quantum dots. Applied Physics Letters, 2004, 85, 5463-5465.	1.5	16
63	Linear polarization of the photoluminescence of quantum wells subject to in-plane magnetic fields. Physical Review B, 2006, 74, .	1.1	16
64	Enhancement of the electron spin memory by localization on donors in a CdTe quantum well. Physical Review B, 2007, 75, .	1.1	16
65	Measuring the spin polarization and Zeeman energy of a spin-polarized electron gas: Comparison between Raman scattering and photoluminescence. Physical Review B, 2007, 76, .	1.1	16
66	Spin-Orbit Twisted Spin Waves: Group Velocity Control. Physical Review Letters, 2016, 117, 137204.	2.9	16
67	Optical properties of Cd _{1-x} Mn _x Te quantum wells across the Mott transition: An interband spectroscopy study. Physical Review B, 2006, 73, .	1.1	15
68	TEM characterization of VLS-grown ZnTe nanowires. Physica Status Solidi C: Current Topics in Solid State Physics, 2008, 5, 3780-3784.	0.8	15
69	Magnetic quantum ratchet effect in (Cd,Mn)Te- and CdTe-based quantum well structures with a lateral asymmetric superlattice. Physical Review B, 2017, 95, .	1.1	15
70	Low voltage control of exchange coupling in a ferromagnet-semiconductor quantum well hybrid structure. Nature Communications, 2019, 10, 2899.	5.8	15
71	Laser Synthesis of Magnetic Nanoparticles in Liquids and Application in the Fabrication of Polymer-Nanoparticle Composites. ACS Applied Nano Materials, 2021, 4, 6407-6440.	2.4	15
72	Time-resolved magnetization modulation spectroscopy: A new probe of ultrafast spin dynamics. Journal of Applied Physics, 1999, 85, 6763-6769.	1.1	14

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73	Optical detection of electron paramagnetic resonance in CdMnTe single quantum wells. Applied Physics Letters, 2003, 82, 3719-3721.	1.5	14
74	Spin diffusion in the $\text{Mn}_{1-x}\text{Mg}_x\text{Te}$ system of II-VI diluted magnetic semiconductor heterostructures. Physical Review B, 2010, 82, .	1.1	14
75	Growth and optical properties of CdTe quantum dots in ZnTe nanowires. Applied Physics Letters, 2011, 99, 113109.	1.5	14
76	Resonant spin amplification of resident electrons in CdTe/(Cd,Mg)Te quantum wells subject to tilted magnetic fields. Physical Review B, 2012, 86, .	1.1	14
77	Direct measurement of the long-range d exchange coupling in a ferromagnet-semiconductor Co/CdMgTe/CdTe quantum well hybrid structure. Physical Review B, 2017, 96, .	1.1	14
78	Excitons and Trions Modified by Interaction with a Two-Dimensional Electron Gas. , 2001, 227, 343.		14
79	Magnetic Properties of $\text{Cd}_{1-x}\text{Mn}_x\text{Te}$ and $\text{Zn}_{1-x}\text{Mn}_x\text{Te}$ Epilayers with High Concentration of Mn. Physica Status Solidi A, 2000, 177, 555-566.	1.7	13
80	Influence of exciton spin relaxation on the photoluminescence spectra of semimagnetic quantum dots. Physical Review B, 2013, 87, .	1.1	13
81	Strain-induced energy gap variation in ZnTe/ZnMgTe core/shell nanowires. Applied Physics Letters, 2014, 104, .	1.5	13
82	Mesoscopic Transport in Electrostatically Defined Spin-Full Channels in Quantum Hall Ferromagnets. Physical Review Letters, 2017, 119, 046803.	2.9	13
83	Elastic Properties of Zinc Blende MnTe. Acta Physica Polonica A, 2004, 106, 239-247.	0.2	13
84	Novel CdTe/CdMgTe Graded Quantum Well Structures. Acta Physica Polonica A, 1997, 92, 1063-1066.	0.2	13
85	Magnetoplasmons in high electron mobility CdTe/CdMgTe quantum wells. Physical Review B, 2015, 91, .	1.1	12
86	Polarimetry of photon echo on charged and neutral excitons in semiconductor quantum wells. Scientific Reports, 2019, 9, 5666.	1.6	12
87	Thermal Carrier Escape and Capture in CdTe Quantum Dots. Physica Status Solidi (B): Basic Research, 2001, 224, 465-469.	0.7	11
88	Magnetic-field-induced second-harmonic generation in the diluted magnetic semiconductors $\text{Cd}_{1-x}\text{Mn}_x\text{Te}$. Physical Review B, 2006, 74, .	1.1	11
89	Excitons in motion in II-VI semiconductors. Physica Status Solidi (B): Basic Research, 2010, 247, 1521-1527.	0.7	11
90	Optical orientation of hole magnetic polarons in (Cd,Mn)Te/(Cd,Mn,Mg)Te quantum wells. Physical Review B, 2016, 93, .	1.1	11

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91	Circular polarization of excitonic luminescence in CdTe quantum wells with excess electrons of different densities. <i>Physical Review B</i> , 2001, 63, .	1.1	10
92	Nanosecond spin memory of electrons in CdTe/CdMgTe quantum wells. <i>Physica Status Solidi (B): Basic Research</i> , 2006, 243, 858-862.	0.7	10
93	Local control of spin polarization in a semiconductor by microscale current loops. <i>Applied Physics Letters</i> , 2008, 93, 141902.	1.5	10
94	Spin polarized electric currents in semiconductor heterostructures induced by microwave radiation. <i>Applied Physics Letters</i> , 2010, 97, .	1.5	10
95	Intrinsic damping of spin waves by spin current in conducting two-dimensional systems. <i>Physical Review B</i> , 2010, 81, .	1.1	10
96	Tuning the inter-shell splitting in self-assembled CdTe quantum dots. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	10
97	Magnetoresistance quantum oscillations in a magnetic two-dimensional electron gas. <i>Physical Review B</i> , 2015, 92, .	1.1	10
98	Electron density magnification of the collective spin-orbit field in quantum wells. <i>Physical Review B</i> , 2015, 92, .	1.1	10
99	Terahertz dynamics of lattice vibrations in Au/CdTe plasmonic crystals: Photoinduced segregation of Te and enhancement of optical response. <i>Physical Review B</i> , 2016, 93, .	1.1	10
100	Electrostatic control of quantum Hall ferromagnetic transition: A step toward reconfigurable network of helical channels. <i>Physical Review B</i> , 2016, 94, .	1.1	10
101	PbSe/CdTe single quantum well infrared detectors. <i>AIP Advances</i> , 2017, 7, 035111.	0.6	10
102	Spin relaxation time of donor-bound electrons in a CdTe quantum well. <i>Physical Review B</i> , 2019, 99, .	1.1	10
103	Room temperature infrared detectors made of PbTe/CdTe multilayer composite. <i>Applied Physics Letters</i> , 2020, 117, 072102.	1.5	10
104	CdTe-HgTe core-shell nanowire growth controlled by RHEED. <i>Physical Review Materials</i> , 2017, 1, .	0.9	10
105	Two-Dimensional Excitons in Large Magnetic Field Gradients. <i>Physica Status Solidi A</i> , 2000, 178, 33-38.	1.7	9
106	Doping of low-temperature GaAs and GaMnAs with carbon. <i>Applied Physics Letters</i> , 2004, 85, 4678-4680.	1.5	9
107	Conductivity switching effect in Cd _{1-x} Zn _x Te films. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006, 3, 1197-1200.	0.8	9
108	Spin waves of the spin-polarized electron gas in semimagnetic quantum wells. <i>Physica Status Solidi (B): Basic Research</i> , 2006, 243, 873-877.	0.7	9

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109	Time-resolved optically-detected magnetic resonance of II-VI diluted-magnetic-semiconductor heterostructures. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2007, 204, 174-178.	0.8	9
110	Signature of the Overhauser field on the coherent spin dynamics of donor-bound electrons in a single CdTe quantum well. <i>Physical Review B</i> , 2008, 77, .	1.1	9
111	Nanoscale morphology of multilayer PbTe/CdTe heterostructures and its effect on photoluminescence properties. <i>Nanotechnology</i> , 2015, 26, 135601.	1.3	9
112	High-Resolution Two-Dimensional Optical Spectroscopy of Electron Spins. <i>Physical Review X</i> , 2017, 7, .	2.8	9
113	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
114	Microscopic dynamics of electron hopping in a semiconductor quantum well probed by spin-dependent photon echoes. <i>Physical Review B</i> , 2019, 100, .	1.1	9
115	Excitons and Trions in II-VI Quantum Wells with Modulation Doping. <i>Physica Status Solidi (B): Basic Research</i> , 2000, 221, 345-348.	0.7	8
116	Enhancement of the spin gap in fully occupied two-dimensional Landau levels. <i>Physical Review B</i> , 2010, 82, .	1.1	8
117	Subnanosecond magnetization dynamics induced by a pulsed magnetic field in diluted magnetic semiconductor quantum wells. <i>Physical Review B</i> , 2013, 87, .	1.1	8
118	Spin precession and spin waves in a chiral electron gas: Beyond Larmor's theorem. <i>Physical Review B</i> , 2017, 96, .	1.1	8
119	Single-beam optical measurement of spin dynamics in CdTe/(Cd,Mg)Te quantum wells. <i>Physical Review B</i> , 2018, 98, .	1.1	8
120	Cubic MnTe - Growth by Molecular Beam Epitaxy and Basic Structural Characterization. <i>Acta Physica Polonica A</i> , 1995, 87, 433-436.	0.2	8
121	Cd _{1-x} Mn _x Te Parabolic Quantum Wells. <i>Acta Physica Polonica A</i> , 1996, 90, 977-980.	0.2	8
122	Search for T-Shaped Quantum Wires in CdTe/CdMg(Mn)Te System. <i>Acta Physica Polonica A</i> , 1998, 94, 277-280.	0.2	8
123	Inhomogeneous broadening of exciton lines in magneto-optical reflection from CdTe/CdMgTe quantum wells. <i>European Physical Journal B</i> , 2001, 24, 7-13.	0.6	7
124	Electron Effective Mass and Resonant Polaron Effect in CdTe/CdMgTe Quantum Wells. <i>Physica Status Solidi (B): Basic Research</i> , 2002, 229, 597-600.	0.7	7
125	Raman scattering in multilayer structures with CdTe quantum dots in ZnTe. <i>JETP Letters</i> , 2003, 77, 143-145.	0.4	7
126	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

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145	Identification of singlet and triplet states of negatively charged excitons in CdTe-based quantum wells. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2004, 1, 551-554.	0.8	5
146	Exciton and Intracenter Luminescence in Cd _{0.6} Mn _{0.4} Te/Cd _{0.5} Mg _{0.5} Te Quantum-Well Structures. <i>Physics of the Solid State</i> , 2005, 47, 2162.	0.2	5
147	Electron spin dephasing in n-doped CdTe/(Cd, Mg)Te quantum wells. <i>Physica Status Solidi (B): Basic Research</i> , 2006, 243, 2290-2292.	0.7	5
148	COHERENT SPIN DYNAMICS OF ELECTRONS IN II-VI SEMICONDUCTOR QUANTUM WELLS. <i>International Journal of Modern Physics B</i> , 2007, 21, 1336-1346.	1.0	5
149	Excitons in motion: universal dependence of the magnetic moment on kinetic energy. <i>Physica Status Solidi (B): Basic Research</i> , 2008, 245, 1059-1063.	0.7	5
150	Fabrication and luminescence properties of self-assembled CdTe quantum dots embedded in an MnTe matrix. <i>Physical Review B</i> , 2009, 80, .	1.1	5
151	Donor level of interstitial hydrogen in CdTe. <i>Physical Review B</i> , 2009, 80, .	1.1	5
152	TEM analysis of the container effect of Au-based catalyst droplets during vapour-liquid-solid growth of axial ZnTe/CdTe nanowires. <i>Crystal Research and Technology</i> , 2009, 44, 1047-1053.	0.6	5
153	Raman spectroscopy of MBE-grown ZnTe-based nanowires. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2009, 6, 2047-2052.	0.8	5
154	Sub-ns electrical control of spin polarization in a semiconductor by microscale current loops. <i>Physica Status Solidi (B): Basic Research</i> , 2010, 247, 1505-1507.	0.7	5
155	Capture kinetics at deep-level defects in MBE-grown CdTe layers. <i>Semiconductor Science and Technology</i> , 2011, 26, 045008.	1.0	5
156	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
157	Plasmon mechanism of the trion emission band broadening in quantum wells. <i>Physical Review B</i> , 2011, 83, .	1.1	5
158	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
159	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
160	Surface acceptor states in MBE-grown CdTe layers. <i>Journal of Applied Physics</i> , 2018, 123, 161522.	1.1	5
161	Quantum beats in the polarization of the spin-dependent photon echo from donor-bound excitons in CdTe/(Cd,Mg)Te quantum wells. <i>Physical Review B</i> , 2020, 101, .	1.1	5
162	Changing the Properties of the CdTe/ZnTe Quantum Dots by in situ Annealing during the Growth. <i>Acta Physica Polonica A</i> , 2007, 112, 283-288.	0.2	5

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163	Photoluminescence Properties of ZnO and ZnCdO Nanowires. Acta Physica Polonica A, 2007, 112, 357-362.	0.2	5
164	Ferroelectric Field Effect Transistor Based on Modulation Doped CdTe/CdMgTe Quantum Wells. Acta Physica Polonica A, 2008, 114, 1173-1178.	0.2	5
165	Photoluminescence Properties of ZnO Nanowires Grown on Ni Substrate. Acta Physica Polonica A, 2008, 114, 1451-1456.	0.2	5
166	Electrical Properties of p-ZnTe/n-CdTe Photodiodes. Acta Physica Polonica A, 2012, 122, 1077-1079.	0.2	5
167	Strain Relaxation of ZnTe/CdTe and CdTe/ZnTe heterostructures: In Situ Study. Acta Physica Polonica A, 1996, 90, 911-914.	0.2	5
168	High Mobility 2D Electron Gas in CdTe/CdMgTe Heterostructures. Acta Physica Polonica A, 1997, 92, 829-832.	0.2	5
169	Shallow Donor Magnetospectroscopy in MBE Grown CdTe Layers Doped with Indium and Iodine. Physica Status Solidi (B): Basic Research, 1998, 210, 783-786.	0.7	4
170	Experimental measurement of microwave-induced electron spin-flip time. Applied Physics Letters, 2001, 78, 204-206.	1.5	4
171	In situ size-control of CdZnSe nano-islands using shadow masks. Journal of Applied Physics, 2004, 95, 311-315.	1.1	4
172	Spin dependent and nonlinear effects in ZnCrSe and ZnCrTe. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 961-964.	0.8	4
173	Probing the excited state distributions of CdTe/ZnTe self-assembled quantum dots using resonant Raman scattering. Applied Physics Letters, 2005, 87, 183104.	1.5	4
174	Influence of electric field on fine structure of exciton complexes in CdTe/ZnTe self-assembled quantum dot. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 865-869.	0.8	4
175	Raman scattering and hot luminescence spectra of Zn _{1-x} Mn _x Te quantum wires. Physics of the Solid State, 2010, 52, 1757-1762.	0.2	4
176	Quantum Hall states under conditions of vanishing Zeeman energy. Physical Review B, 2010, 82, .	1.1	4
177	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
178	Raman scattering as a tool to characterize semiconductor crystals, thin layers, and low-dimensional structures containing transition metals. Physica Status Solidi (B): Basic Research, 2014, 251, 1133-1143.	0.7	4
179	Optical phonons in PbTe/CdTe multilayer heterostructures. Semiconductors, 2015, 49, 644-648.	0.2	4
180	Exciton and carrier dynamics in ZnTe nanowires. Physical Review B, 2016, 93, .		

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181	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
182	Design and microelectronic analysis of Au/ZnTe:In/CdTe:In/GaAs/In photosensor for optoelectronic applications using MBE technology. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 4936-4942.	1.1	4
183	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
184	Polarization and magneto-optical properties of excitonic emission from wurtzite CdTe/(Cd,Mg)Te core/shell nanowires. <i>Nanotechnology</i> , 2020, 31, 215710.	1.3	4
185	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
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