

# Tomasz J Wojtowicz

## List of Publications by Year in descending order

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629  
papers

8,380  
citations

61857

43  
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91712

69  
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635  
all docs

635  
docs citations

635  
times ranked

4585  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of the location of Mn sites in ferromagnetic $\text{Ga}_{1-x}\text{Mn}_x\text{As}$ on its Curie temperature. <i>Physical Review B</i> , 2002, 65, .	1.1	491
2	Magnetic Domain Structure and Magnetic Anisotropy in $\text{Ga}_{1-x}\text{Mn}_x\text{As}$ . <i>Physical Review Letters</i> , 2003, 90, 167206.	2.9	262
3	Influence of s-d exchange interaction on the conductivity of $\text{Cd}_{1-x}\text{Mn}_x\text{Se}$ in the weakly localized regime. <i>Physical Review Letters</i> , 1986, 56, 508-511.	2.9	173
4	Photoluminescence study of $\text{CdTe}/\text{ZnTe}$ self-assembled quantum dots. <i>Applied Physics Letters</i> , 1999, 74, 3011-3013.	1.5	146
5	Very Large Magnetoresistance in Lateral Ferromagnetic $(\text{Ga},\text{Mn})\text{As}$ Wires with Nanoconstrictions. <i>Physical Review Letters</i> , 2003, 91, 216602.	2.9	146
6	Kinetic Exchange between the Conduction Band Electrons and Magnetic Ions in Quantum-Confined Structures. <i>Physical Review Letters</i> , 1999, 83, 1431-1434.	2.9	114
7	Above-room-temperature ferromagnetism in $\text{GaSb}/\text{Mn}$ digital alloys. <i>Applied Physics Letters</i> , 2002, 81, 511-513.	1.5	112
8	Metal-Insulator Transition in Semimagnetic Semiconductors. <i>Physical Review Letters</i> , 1986, 56, 2419-2422.	2.9	95
9	Curie temperature limit in ferromagnetic $\text{Ga}_{1-x}\text{Mn}_x\text{As}$ . <i>Physical Review B</i> , 2003, 68, .	1.1	91
10	Energy transfer from photocarriers into the magnetic ion system mediated by a two-dimensional electron gas in $(\text{Cd},\text{Mn})\text{Te}/(\text{Cd},\text{Mg})\text{Te}$ quantum wells. <i>Physical Review B</i> , 2000, 61, 16870-16882.	1.1	88
11	Spin coherence of a two-dimensional electron gas induced by resonant excitation of trions and excitons in $(\text{Cd},\text{Mn})\text{Te}/(\text{Cd},\text{Mg})\text{Te}$ quantum wells. <i>Physical Review B</i> , 2000, 61, 16870-16882.	1.1	88
12	Ferromagnetic $\text{GaAs}/\text{GaMnAs}$ Core-Shell Nanowires Grown by Molecular Beam Epitaxy. <i>Nano Letters</i> , 2009, 9, 3860-3866.	4.5	85
13	Uniaxial in-plane magnetic anisotropy of $\text{Ga}_{1-x}\text{Mn}_x\text{As}$ . <i>Applied Physics Letters</i> , 2004, 85, 260-262.	1.5	84
14	Pressure-induced ferromagnetism in $(\text{In},\text{Mn})\text{Sb}$ dilute magnetic semiconductor. <i>Nature Materials</i> , 2005, 4, 447-449.	13.3	82
15	Perpendicular magnetization reversal, magnetic anisotropy, multistep spin switching, and domain nucleation and expansion in $\text{Ga}_{1-x}\text{Mn}_x\text{As}$ films. <i>Journal of Applied Physics</i> , 2005, 98, 063904.	1.1	81
16	Radiative behavior of negatively charged excitons in $\text{CdTe}$ -based quantum wells: A spectral and temporal analysis. <i>Physical Review B</i> , 2000, 62, R16310-R16313.	1.1	74
17	Spin-Transistor Action via Tunable Landau-Zener Transitions. <i>Science</i> , 2012, 337, 324-327.	6.0	74
18	Access to long-term optical memories using photon echoes retrieved from semiconductor spins. <i>Nature Photonics</i> , 2014, 8, 851-857.	15.6	74

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19	High mobility 2D electron gas in iodine modulation doped CdTe/CdMgTe heterostructures. Journal of Crystal Growth, 1998, 184-185, 814-817.	0.7	72
20	In <sub>1-x</sub> MnxSb a narrow-gap ferromagnetic semiconductor. Applied Physics Letters, 2003, 82, 4310-4312.	1.5	71
21	ZnTe nanowires grown on GaAs(100) substrates by molecular beam epitaxy. Applied Physics Letters, 2006, 89, 133114.	1.5	71
22	Enhancement of Curie temperature in Ga <sub>1-x</sub> MnxAs/Ga <sub>1-y</sub> Al <sub>y</sub> As ferromagnetic heterostructures by Be modulation doping. Applied Physics Letters, 2003, 83, 4220-4222.	1.5	70
23	Electron and hole spin relaxation in modulation-doped CdMnTe quantum wells. Physical Review B, 2001, 64, .	1.1	69
24	Optical method for the determination of carrier density in modulation-doped quantum wells. Physical Review B, 2002, 65, .	1.1	67
25	Ising Quantum Hall Ferromagnet in Magnetically Doped Quantum Wells. Physical Review Letters, 2002, 89, 266802.	2.9	66
26	Structural properties of cubic MnTe layers grown by MBE. Thin Solid Films, 1995, 267, 74-78.	0.8	58
27	Spin Currents in Diluted Magnetic Semiconductors. Physical Review Letters, 2009, 102, 156602.	2.9	58
28	Modulation-doped Cd <sub>1-x</sub> MnxTe/Cd <sub>1-y</sub> 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
29	Optically detected magnetic resonance of excess electrons in type-I quantum wells with a low-density electron gas. Physical Review B, 1998, 58, R1766-R1769.	1.1	57
30	Size control and midinfrared emission of epitaxial PbTe•CdTe quantum dot precipitates grown by molecular beam epitaxy. Applied Physics Letters, 2007, 91, 222106.	1.5	57
31	Ferromagnetic resonance study of the free-hole contribution to magnetization and magnetic anisotropy in modulation-doped Ga <sub>1-x</sub> MnxAs•Ga <sub>1-y</sub> Al <sub>y</sub> As:Be. Physical Review B, 2005, 71, .	1.1	55
32	Catalytic growth of ZnTe nanowires by molecular beam epitaxy: structural studies. Nanotechnology, 2007, 18, 475606.	1.3	55
33	Cathodoluminescence study of diluted magnetic semiconductor quantum well/micromagnet hybrid structures. Applied Physics Letters, 2001, 79, 1789-1791.	1.5	53
34	Magnetoconductance Noise and Irreversibilities in Submicron Wires of Spin-Glassn•Cd <sub>1-x</sub> MnxTe. Physical Review Letters, 1998, 80, 5635-5638.	2.9	51
35	g-factor dependence of the evolution of magneto-optical spectra with the density of quasi-two-dimensional electrons in Cd <sub>1-x</sub> MnxTe/Cd <sub>1-y</sub> MgyTe heterostructures. Physical Review B, 1999, 59, R10437-R10440.	1.1	51
36	Annealing-dependent magnetic depth profile in Ga <sub>1-x</sub> MnxAs. Physical Review B, 2004, 69, .	1.1	50



#	ARTICLE	IF	CITATIONS
55	Photovoltaic characterization of n-CdTe/p-CdMnTe/GaAs diluted magnetic diode. Current Applied Physics, 2013, 13, 537-543.	1.1	39
56	Anomalous Hall Effect in the (In,Mn)Sb Dilute Magnetic Semiconductor. Physical Review Letters, 2008, 100, 107201.	2.9	38
57	Magnetization Dynamics Down to a Zero Field in Dilute (Cd,Mn)Te Quantum Wells. Physical Review Letters, 2009, 102, 046408.	2.9	38
58	p-ZnTe/n-CdMnTe/n-GaAs diluted magnetic diode for photovoltaic applications. Semiconductor Science and Technology, 2010, 25, 095001.	1.0	37
59	Growth and properties of ferromagnetic In <sub>1-x</sub> Mn <sub>x</sub> Sb alloys. Physica E: Low-Dimensional Systems and Nanostructures, 2004, 20, 325-332.	1.3	36
60	Midinfrared electroluminescence from PbTe/CdTe quantum dot light-emitting diodes. Applied Physics Letters, 2011, 98, .	1.5	36
61	Magnetic-Field Control of Photon Echo from the Electron-Trion System in a CdTe Quantum Well: Shuffling Coherence between Optically Accessible and Inaccessible States. Physical Review Letters, 2012, 109, 157403.	2.9	36
62	Collective Character of Spin Excitations in a System of Mn <sup>2+</sup> Spins Coupled to a Two-Dimensional Electron Gas. Physical Review Letters, 2003, 91, 077201.	2.9	35
63	High-temperature Hall effect in Ga <sub>1-x</sub> Mn <sub>x</sub> As. Physical Review B, 2004, 69, .	1.1	33
64	Fractional quantum Hall effect in CdTe. Physical Review B, 2010, 82, .	1.1	33
65	Persistent photoconductivity and photoionization of deep electron traps in Ga-doped Cd <sub>1-x</sub> Mn <sub>x</sub> Te. Physical Review B, 1993, 47, 12540-12549.	1.1	32
66	Spin-lattice relaxation in semimagnetic CdMnTe/CdMgTe quantum wells. Physical Review B, 2000, 62, R10641-R10644.	1.1	32
67	Giant Spin Splitting in Optically Active ZnMnTe/ZnMgTe Core/Shell Nanowires. Nano Letters, 2012, 12, 3404-3409.	4.5	32
68	Spin Excitations of the Spin-Polarized Electron Gas in Semimagnetic Quantum Wells. Physical Review Letters, 2003, 91, 086802.	2.9	31
69	Definitive observation of the dark triplet ground state of charged excitons in high magnetic fields. Physical Review B, 2005, 71, .	1.1	31
70	Graded Quantum Well Structures Made of Diluted Magnetic Semiconductors. Acta Physica Polonica A, 1998, 94, 199-217.	0.2	31
71	Interface profiles and in-plane anisotropy in common anion type-I Cd <sub>1-x</sub> Mg <sub>x</sub> Te/CdTe/Cd <sub>1-x</sub> Mn <sub>x</sub> Te heterostructures studied by reflectivity. Physical Review B, 2001, 64, .	1.1	30
72	Positively versus negatively charged excitons: A high magnetic field study of CdTe/Cd <sub>1-x</sub> Mg <sub>x</sub> Te quantum wells. Physical Review B, 2011, 83, .	1.1	30

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73	Properties of arsenic antisite defects in Ga $_{1-x}$ MnxAs. Journal of Applied Physics, 2004, 96, 530-533.	1.1	29
74	Effect of film thickness on the incorporation of Mn interstitials in Ga $_{1-x}$ MnxAs. Applied Physics Letters, 2005, 86, 042102.	1.5	29
75	Optical spin pumping of modulation-doped electrons probed by a two-color Kerr rotation technique. Physical Review B, 2006, 74, .	1.1	29
76	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
77	ZnTe“ZnO core”shell radial heterostructures grown by the combination of molecular beam epitaxy and atomic layer deposition. Nanotechnology, 2010, 21, 015302.	1.3	28
78	Magnetopolaron effect on shallow indium donors in CdTe. Physical Review B, 1996, 54, 1467-1470.	1.1	27
79	Electronic effects determining the formation of ferromagnetic III $_{1-x}$ MnxV alloys during epitaxial growth. Physica E: Low-Dimensional Systems and Nanostructures, 2004, 25, 171-180.	1.3	27
80	Intermediate phase at the metal-insulator boundary in a magnetically doped two-dimensional electron system. Physical Review B, 2007, 76, .	1.1	27
81	Origin of Magnetic Circular Dichroism in GaMnAs: Giant Zeeman Splitting versus Spin Dependent Density of States. Physical Review Letters, 2009, 102, 247202.	2.9	27
82	Routing the emission of a near-surface light source by a magnetic field. Nature Physics, 2018, 14, 1043-1048.	6.5	27
83	Excitons in novel diluted magnetic semiconductor quantum structures. Thin Solid Films, 1997, 306, 271-282.	0.8	26
84	Magneto-optical evidence of many-body effects in a spin-polarized two-dimensional electron gas. Physical Review B, 2000, 62, 5059-5065.	1.1	26
85	Dynamical equilibrium between excitons and trions in CdTe quantum wells in high magnetic fields. Physical Review B, 2002, 66, .	1.1	26
86	MBE Growth and Properties of ZnTe- and CdTe-Based Nanowires. Journal of the Korean Physical Society, 2008, 53, 3055-3063.	0.3	26
87	Magneto-optical properties of HgTe-CdTe superlattices. Physical Review B, 1990, 42, 9050-9062.	1.1	25
88	Influence of MBE growth conditions on optical properties of CdTe/ZnTe quantum structures. Thin Solid Films, 2000, 367, 210-215.	0.8	25
89	Optical control of electron spin coherence in CdTe/(Cd,Mg)Te quantum wells. Physical Review B, 2010, 81, .	1.1	25
90	Common origin of ferromagnetism and band edge Zeeman splitting in GaMnAs at low Mn concentrations. Applied Physics Letters, 2007, 91, 171118.	1.5	24

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91	Electron spin polarization through interactions between excitons, trions, and the two-dimensional electron gas. <i>Physical Review B</i> , 2007, 75, .	1.1	24
92	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
93	Parabolic quantum wells of diluted magnetic semiconductor Cd <sub>1-x</sub> MnxTe. <i>Applied Physics Letters</i> , 1996, 68, 3326-3328.	1.5	23
94	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
95	Strain-engineered ferromagnetic In <sub>1-x</sub> MnxAs films with in-plane easy axis. <i>Applied Physics Letters</i> , 2005, 86, 112512.	1.5	23
96	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
97	Magnetic field induced nonmetal - metal transition in the open - gap Hg <sub>1-x</sub> MnxTe. <i>Physica B: Physics of Condensed Matter &amp; C: Atomic, Molecular and Plasma Physics, Optics</i> , 1983, 117-118, 476-478.	0.9	22
98	Diffusion, localization, and dephasing of trions and excitons in CdTe quantum wells. <i>Physical Review B</i> , 2002, 66, .	1.1	22
99	Measurement of spin polarization by Andreev reflection in ferromagnetic In <sub>1-x</sub> MnxSb epilayers. <i>Applied Physics Letters</i> , 2004, 84, 4947-4949.	1.5	22
100	Motion-dependent magnetic properties of excitons in CdTe. <i>Physical Review B</i> , 2008, 78, .	1.1	22
101	Spin-polarized electric currents in diluted magnetic semiconductor heterostructures induced by terahertz and microwave radiation. <i>Physical Review B</i> , 2012, 86, .	1.1	22
102	Manganese diffusion in MBE-grown Cd(Mn)Te structures. <i>Journal of Crystal Growth</i> , 1996, 159, 980-984.	0.7	21
103	Temperature variation of the luminescence spectra in crystals. <i>Semiconductor Science and Technology</i> , 1996, 11, 48-54.	1.0	21
104	Novel ferromagnetism in digital GaAs/Mn and GaSb/Mn alloys. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2003, 16, 90-98.	1.3	21
105	Interacting many-body systems in quantum wells: Evidence for exciton-trion-electron correlations. <i>Physical Review B</i> , 2004, 69, .	1.1	21
106	External control of the direction of magnetization in ferromagnetic InMnAs/GaSb heterostructures. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2004, 20, 370-373.	1.3	21
107	Terahertz Radiation from Magnetic Excitations in Diluted Magnetic Semiconductors. <i>Physical Review Letters</i> , 2013, 110, 177203.	2.9	21
108	Deep-level defects responsible for persistent photoconductivity in Ga-doped Cd <sub>1-x</sub> MnxTe. <i>Physical Review B</i> , 1995, 51, 17499-17505.	1.1	20

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109	Combined exciton and trion excitations in modulation doped quantum well structures. <i>Physica B: Condensed Matter</i> , 2001, 298, 315-319.	1.3	20
110	Epitaxial Zinc-Blende CdTe Antidots in Rock-Salt PbTe Semiconductor Thermoelectric Matrix. <i>Crystal Growth and Design</i> , 2011, 11, 4794-4801.	1.4	20
111	Coulomb-driven organization and enhancement of spin-orbit fields in collective spin excitations. <i>Physical Review B</i> , 2013, 87, .	1.1	20
112	Persistent spin helix manipulation by optical doping of a CdTe quantum well. <i>Physical Review B</i> , 2018, 97, .	1.1	20
113	Remarks on Localization in Semimagnetic Semiconductors. <i>Physica Scripta</i> , 1986, T14, 29-36.	1.2	19
114	Heating of the spin system by nonequilibrium phonons in semimagnetic (Cd,Mn,Mg)Te quantum wells. <i>Physical Review B</i> , 1999, 60, 5609-5616.	1.1	19
115	II-VI quantum structures with tunable electron $\alpha$ -factor. <i>Journal of Crystal Growth</i> , 2000, 214-215, 378-386.	0.7	19
116	Faraday rotation in a study of charged excitons in Cd <sub>1-x</sub> Mn <sub>x</sub> Te. <i>Physical Review B</i> , 2001, 63, .	1.1	19
117	Zn <sub>1-x</sub> Mn <sub>x</sub> Te Diluted Magnetic Semiconductor Nanowires Grown by Molecular Beam Epitaxy. <i>Nano Letters</i> , 2008, 8, 4061-4065.	4.5	19
118	Optical phonons in the bulk and on the surface of ZnO and ZnTe/ZnO nanowires in Raman spectra. <i>Physics of the Solid State</i> , 2012, 54, 2083-2090.	0.2	19
119	Fractional quantum Hall effect in a dilute magnetic semiconductor. <i>Physical Review B</i> , 2014, 90, .	1.1	19
120	Spin Splitting Anisotropy in Single Diluted Magnetic Nanowire Heterostructures. <i>Nano Letters</i> , 2015, 15, 1972-1978.	4.5	19
121	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
122	Transverse magneto-optical Kerr effect at narrow optical resonances. <i>Nanophotonics</i> , 2019, 8, 287-296.	2.9	19
123	Ferromagnetic GaSb/Mn digital alloys. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2004, 20, 338-345.	1.3	18
124	Engineering of spin-lattice relaxation dynamics by digital growth of diluted magnetic semiconductor CdMnTe. <i>Applied Physics Letters</i> , 2006, 88, 152105.	1.5	18
125	Spin coherence of holes and electrons in undoped CdTe/(Cd,Mg)Te quantum wells. <i>Physical Review B</i> , 2009, 79, .	1.1	18
126	Electron spin dephasing in Mn-based II-VI diluted magnetic semiconductors. <i>Physical Review B</i> , 2013, 88, .	1.1	18



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127	Rapid thermal processing of semimagnetic superstructures studied by magnetorefectivity. Superlattices and Microstructures, 1994, 16, 63-66.	1.4	17
128	Zinc-blende MnTe(111) on BaF <sub>2</sub> (111) substrates for optical measurements. Applied Physics Letters, 1996, 68, 3796-3798.	1.5	17
129	Temperature and size scaling of the QHE resistance: the case of large spin splitting. Physica E: Low-Dimensional Systems and Nanostructures, 2000, 6, 790-793.	1.3	17
130	Spin Wave Resonances in GaMnAs. Journal of Superconductivity and Novel Magnetism, 2003, 16, 143-145.	0.5	17
131	Direct evidence of the Fermi-energy-dependent formation of Mn interstitials in modulation-doped Ga <sub>1-y</sub> Al <sub>y</sub> As/Ga <sub>1-x</sub> Mn <sub>x</sub> As/Ga <sub>1-y</sub> Al <sub>y</sub> As heterostructures. Applied Physics Letters, 2004, 84, 4325-4327.	1.5	17
132	MBE growth and magnetotransport studies of ferromagnetic Ga <sub>1-x</sub> Mn <sub>x</sub> Sb semiconductor layers on hybrid ZnTe/GaAs substrates. Physica E: Low-Dimensional Systems and Nanostructures, 2004, 20, 346-349.	1.3	17
133	Local structure of Mn in (Ga,Mn)As probed by X-ray absorption spectroscopy. Journal of Physics and Chemistry of Solids, 2005, 66, 2004-2007.	1.9	17
134	Electron spin coherence in n-doped CdTe/CdMgTe quantum wells. Applied Physics Letters, 2006, 89, 2211-13.	1.5	17
135	Magnetic and chemical nonuniformity in Ga <sub>1-x</sub> Mn <sub>x</sub> As films as probed by polarized neutron and x-ray reflectometry. Physical Review B, 2006, 74, .	1.1	17
136	Stark spectroscopy and radiative lifetimes in single self-assembled CdTe quantum dots. Physical Review B, 2011, 83, .	1.1	17
137	Far-infrared magneto-optical study of holes and electrons in zero-band-gap HgTe/Cd <sub>0.85</sub> Hg <sub>0.15</sub> Te superlattices. Physical Review B, 1990, 41, 5084-5095.	1.1	16
138	Channels of Cd diffusion and stoichiometry in CdTe grown by molecular beam epitaxy. Applied Physics Letters, 1998, 72, 206-208.	1.5	16
139	Exciton magnetic polarons in (100)- and (120)-oriented semimagnetic digital alloys (Cd,Mn)Te. Physical Review B, 1998, 58, 4785-4792.	1.1	16
140	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
141	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
142	Optically induced instability of spin precession in magnetic quantum wells. Physical Review B, 2003, 67, .	1.1	16
143	Linear polarization of the photoluminescence of quantum wells subject to in-plane magnetic fields. Physical Review B, 2006, 74, .	1.1	16
144	Spin-Orbit Twisted Spin Waves: Group Velocity Control. Physical Review Letters, 2016, 117, 137204.	2.9	16

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145	Electrical, photovoltaic and photosensitivity characteristics of p-ZnTe:N/CdTe:Mg/ n -CdTe:I/GaAs for photodiode applications. Materials Science in Semiconductor Processing, 2017, 67, 33-40.	1.9	16
146	Properties of epitaxially grown CdTe layers doped with indium. Thin Solid Films, 1995, 267, 79-83.	0.8	15
147	Characterization of normal and inverted interfaces by the Zeeman effect in $\text{Cd}_{1-x}\text{Mn}_x\text{Te}/\text{CdTe}/\text{Cd}_{1-y}\text{Mg}_y\text{Te}$ quantum wells. Physical Review B, 1998, 57, 4708-4712.	1.1	15
148	Zeeman-gap anomaly in photoluminescence from a two-dimensional electron gas in CdTe/(Cd, Mg)Te quantum wells. Physical Review B, 1999, 59, 7327-7329.	1.1	15
149	Photo-induced magnetic polarons in low-dimensional dilute magnetic semiconductors. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1999, 63, 111-118.	1.7	15
150	Direct measurement of the lattice parameter of thick stable zinc-blende MgTe layer. Journal of Alloys and Compounds, 1999, 286, 276-278.	2.8	15
151	Zero- and one-dimensional magnetic traps for quasiparticles in diluted magnetic semiconductors. Physical Review B, 2005, 72, .	1.1	15
152	Optical properties of $\text{Cd}_{1-x}\text{Mn}_x\text{Te}$ quantum wells across the Mott transition: An interband spectroscopy study. Physical Review B, 2006, 73, .	1.1	15
153	TEM characterization of VLS-grown ZnTe nanowires. Physica Status Solidi C: Current Topics in Solid State Physics, 2008, 5, 3780-3784.	0.8	15
154	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
155	Low voltage control of exchange coupling in a ferromagnet-semiconductor quantum well hybrid structure. Nature Communications, 2019, 10, 2899.	5.8	15
156	Transport and Magnetic Properties of Low Temperature Annealed $\text{Ga}_{1-x}\text{Mn}_x\text{As}$ . Acta Physica Polonica A, 2002, 102, 659-665.	0.2	15
157	Exciton magnetic polarons in CdTe/ $\text{Cd}_{1-x}\text{Mn}_x\text{Te}$ quantum wells with high manganese contents. Solid State Communications, 1995, 96, 297-304.	0.9	14
158	Title is missing!. Journal of Superconductivity and Novel Magnetism, 2003, 16, 41-44.	0.5	14
159	Nanoscale spin polarization in the dilute magnetic semiconductor (In,Mn)Sb. Physical Review B, 2008, 77, .	1.1	14
160	Spin diffusion in the $\text{Mn}_{1-x}\text{Te}$ system of II-VI diluted magnetic semiconductor heterostructures. Physical Review B, 2010, 82, .	1.1	14
161	Growth and optical properties of CdTe quantum dots in ZnTe nanowires. Applied Physics Letters, 2011, 99, 113109.	1.5	14
162	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

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163	Direct measurement of the long-range $d$ exchange coupling in a ferromagnet-semiconductor Co/CdMgTe/CdTe quantum well hybrid structure. <i>Physical Review B</i> , 2017, 96, .	1.1	14
164	Excitons and Trions Modified by Interaction with a Two-Dimensional Electron Gas. , 2001, 227, 343.		14
165	Interface characterisation in (Cd,Mn)Te quantum wells and superlattices. <i>Solid State Communications</i> , 1995, 94, 439-443.	0.9	13
166	Magnetic Properties of $Cd_{1-x}Mn_xTe$ and $Zn_{1-x}Mn_xTe$ Epilayers with High Concentration of Mn. <i>Physica Status Solidi A</i> , 2000, 177, 555-566.	1.7	13
167	Spin and Orbital Quantization of Electronic States as Origins of Second Harmonic Generation in Semiconductors. <i>Physical Review Letters</i> , 2006, 96, 117211.	2.9	13
168	Influence of exciton spin relaxation on the photoluminescence spectra of semimagnetic quantum dots. <i>Physical Review B</i> , 2013, 87, .	1.1	13
169	Activation of an intense near band edge emission from ZnTe/ZnMgTe core/shell nanowires grown on silicon. <i>Nanotechnology</i> , 2013, 24, 365201.	1.3	13
170	Strain-induced energy gap variation in ZnTe/ZnMgTe core/shell nanowires. <i>Applied Physics Letters</i> , 2014, 104, .	1.5	13
171	Mesoscopic Transport in Electrostatically Defined Spin-Full Channels in Quantum Hall Ferromagnets. <i>Physical Review Letters</i> , 2017, 119, 046803.	2.9	13
172	Novel CdTe/CdMgTe Graded Quantum Well Structures. <i>Acta Physica Polonica A</i> , 1997, 92, 1063-1066.	0.2	13
173	Cyclotron resonance in $Pb_{1-x}Mn_xTe$ . <i>Solid State Communications</i> , 1984, 51, 115-118.	0.9	12
174	Characterization of MBE grown $Cd_{1-x}Mn_xTe$ structures by SQUID magnetometry. <i>Superlattices and Microstructures</i> , 1994, 15, 475-478.	1.4	12
175	Luminescence detection of nonequilibrium phonons in CdTe/Cd <sub>0.6</sub> Mn <sub>0.4</sub> Te semimagnetic quantum wells. <i>Physical Review B</i> , 1997, 56, 12100-12103.	1.1	12
176	Fine structure of exciton levels in quantum wells. <i>Solid State Communications</i> , 1997, 104, 465-468.	0.9	12
177	Cyclotron resonance in high mobility CdTe/CdMgTe 2D electron system in the integer quantum Hall regime. <i>Physica B: Condensed Matter</i> , 1998, 256-258, 457-461.	1.3	12
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