Joel Cibert

List of Publications by Citations

273 papers	13,155 citations	39 h-index	111 g-index
295 ext. papers	13,762 ext. citations	3 avg, IF	5.69 L-index

#	Paper	IF	Citations
273	Zener model description of ferromagnetism in zinc-blende magnetic semiconductors. *Science*, **2000**, 287, 1019-22	33.3	6810
272	Optically detected carrier confinement to one and zero dimension in GaAs quantum well wires and boxes. *Applied Physics Letters*, **1986**, 49, 1275-1277	3.4	436
271	Observation of a Ferromagnetic Transition Induced by Two-Dimensional Hole Gas in Modulation-Doped CdMnTe Quantum Wells. *Physical Review Letters*, **1997**, 79, 511-514	7.4	338
270	High-Curie-temperature ferromagnetism in self-organized Ge1-xMnx nanocolumns. *Nature Materials*, **2006**, 5, 653-9	27	316
269	Probing the spin state of a single magnetic ion in an individual quantum dot. *Physical Review Letters* , **2004**, 93, 207403	7.4	311
268	Magneto-optical study of interface mixing in the CdTe-(Cd,Mn)Te system. *Physical Review B*, **1994**, 50, 5512-5527	3.3	217
267	Carrier-induced ferromagnetism in p□n1□MnxTe. *Physical Review B*, **2001**, 63,	3.3	194
266	Kinetics of implantation enhanced interdiffusion of Ga and Al at GaAs-GaxAl1□As interfaces. *Applied Physics Letters*, **1986**, 49, 223-225	3.4	162
265	Light and electric field control of ferromagnetism in magnetic quantum structures. *Physical Review Letters*, **2002**, 88, 207204	7.4	159
264	Optical spin orientation of a single manganese atom in a semiconductor quantum dot using quasiresonant photoexcitation. *Physical Review Letters*, **2009**, 102, 127402	7.4	127
263	Intrinsic ferromagnetism in wurtzite (Ga,Mn)N semiconductor. *Physical Review B*, **2006**, 74,	3.3	98
262	Effect of the s,p□ exchange interaction on the excitons in Zn1□CoxO epilayers. *Physical Review B*, **2006**, 73,	3.3	91
261	Critical thickness in epitaxial CdTe/ZnTe. *Applied Physics Letters*, **1990**, 56, 292-294	3.4	87
260	Structure and magnetism of self-organized Ge1□Mnx nanocolumns on Ge(001). *Physical Review B*, **2007**, 76,	3.3	82
259	Strain mapping of ultrathin epitaxial ZnTe and MnTe layers embedded in CdTe. *Journal of Applied Physics*, **1994**, 75, 7310-7316	2.5	82
258	Magneto-optic study of the interface in semimagnetic semiconductor heterostructures: Intrinsic effect and interface profile in CdTe-Cd1-xMnxTe. *Physical Review B*, **1996**, 53, 4891-4904	3.3	78
257	Carrier-induced spin splitting of an individual magnetic atom embedded in a quantum dot. *Physical Review B*, **2005**, 71,	3.3	76

256	Neutral and positively charged excitons: A magneto-optical study of a p-doped Cd1□MnxTe quantum well. *Physical Review B*, **1999**, 60, 16018-16026	3.3	72
255	CdTe/MgTe heterostructures: Growth by atomic layer epitaxy and determination of MgTe parameters. *Journal of Applied Physics*, **1996**, 80, 6257-6265	2.5	70
254	X-ray absorption near-edge structure and valence state of Mn in (Ga,Mn)N. *Physical Review B*, **2005**, 72,	3.3	66
253	Electron and hole spin relaxation in modulation-doped CdMnTe quantum wells. *Physical Review B*, **2001**, 64,	3.3	66
252	Development of new materials for spintronics. *Comptes Rendus Physique*, **2005**, 6, 977-996	1.4	64
251	Zinc-blende AlN and GaN under pressure: structural, electronic, elastic and piezoelectric properties. *Semiconductor Science and Technology*, **2004**, 19, 1220-1231	1.8	61
250	Full-potential investigation of the electronic and optical properties of stressed CdTe and ZnTe. *Materials Chemistry and Physics*, **2005**, 92, 333-339	4.4	59
249	Interface structure and optical properties of quantum wells and quantum boxes. *Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena*, **1987**, 5, 1204		58
248	Prediction study of elastic properties under pressure effect for zincblende BN, AlN, GaN and InN. *Solid-State Electronics*, **2004**, 48, 1601-1606	1.7	57
247	Spin coherence and formation dynamics of charged excitons in CdTe/Cd1□□MgxZnyTe quantum wells. *Physical Review B*, **2000**, 62, 2696-2705	3.3	56
246	Exciton tunneling revealed by magnetically tuned interwell coupling in semiconductor double quantum wells. *Physical Review Letters*, **1994**, 73, 2131-2134	7.4	56
245	Optical- and acoustical-phonon-assisted hopping of localized excitons in CdTe/ZnTe quantum wells. *Physical Review B*, **1992**, 45, 4253-4257	3.3	54
244	Carrier-induced ferromagnetic interactions in p-doped Zn(1□)MnxTe epilayers. *Journal of Crystal Growth*, **2000**, 214-215, 387-390	1.6	51
243	Trion and exciton dephasing measurements in modulation-doped quantum wells: A probe for trion and carrier localization. *Physical Review B*, **1999**, 60, 4474-4477	3.3	51
242	Surface reconstructions of (001) CdTe and their role in the dynamics of evaporation and molecular-beam epitaxy growth. *Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films*, **1994**, 12, 140-147	2.9	51
241	Optical studies of the piezoelectric effect in (111)-oriented CdTe/Cd1-xZnxTe strained quantum wells. *Physical Review B*, **1990**, 42, 11392-11395	3.3	51
240	Observation of strong-coupling effects in a diluted magnetic semiconductor Ga1-xFexN. *Physical Review Letters*, **2008**, 100, 037204	7.4	48
239	Ordered magnetic phase in Cd1□MnxTe/Cd1□□MgyZnzTe:N heterostructures: magnetooptical studies. *Physica E: Low-Dimensional Systems and Nanostructures*, **2000**, 6, 709-712	3	47

238	Ferromagnetic Ga 1 x Mn x N epilayers vs. antiferromagnetic GaMn 3 N clusters. *Europhysics Letters*, **2004**, 65, 553-559	1.6	44
237	Growth of (111) CdTe on tilted (001) GaAs. *Applied Physics Letters*, **1989**, 54, 828-830	3.4	43
236	Giant Photoinduced Excitonic Faraday Rotation in CdTe/Cd1MnxTe Multiple Quantum Wells. *Physical Review Letters*, **1997**, 78, 4123-4126	7.4	41
235	Relaxation of excitons in coherently strained CdTe/ZnTe quantum wells. *Physical Review B*, **1991**, 43, 6843-6846	3.3	40
234	Adsorption of Te on GaAs(100). *Surface Science*, **1989**, 211-212, 969-978	1.8	39
233	RHEED, XPS, HRTEM and channeling studies of molecular beam epitaxy growth of CdTe On (001) GaAs. *Applied Surface Science*, **1990**, 41-42, 470-479	6.7	39
232	Strong influence of Ga/N flux ratio on Mn incorporation into Ga1MnxN epilayers grown by plasma-assisted molecular beam epitaxy. *Applied Physics Letters*, **2003**, 83, 4580-4582	3.4	37
231	Propertiesofstrainedzinc-blendeGaN:first-principlesstudy. *Journal of Alloys and Compounds*, **2004**, 366, 86-93	5.7	37
230	Magnetization dynamics down to a zero field in dilute (Cd,Mn)Te quantum wells. *Physical Review Letters*, **2009**, 102, 046408	7.4	36
229	p-type doping of II VI heterostructures from surface states: Application to ferromagnetic Cd1MnxTe quantum wells. *Applied Physics Letters*, **2003**, 82, 1875-1877	3.4	36
228	CdTe/ZnTe: Critical thickness and coherent heterostructures. *Superlattices and Microstructures*, **1991**, 9, 271-274	2.8	35
227	Motional enhancement of exciton magnetic moments in zinc-blende semiconductors. *Physical Review Letters*, **2006**, 97, 187403	7.4	33
226	Applications of II VI diluted magnetic semiconductors for magneto-electronics. *Solid State Communications*, **2001**, 119, 237-244	1.6	31
225	Carrier-mediated ferromagnetic interactions in structures of magnetic semiconductors. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **1999**, 63, 103-110	3.1	31
224	Piezoelectric fields in CdTe-based heterostructures. *Journal of Crystal Growth*, **1992**, 117, 424-431	1.6	31
223	Carrier confinement potential in quantum-well wires fabricated by implantation-enhanced interdiffusion in the GaAs-Ga1-xAlxAs system. *Physical Review B*, **1987**, 36, 3243-3246	3.3	31
222	Microgun-pumped semiconductor laser. *Applied Physics Letters*, **1993**, 62, 796-798	3.4	30
221	Profiles of the normal and inverted semiconductor interfaces: A Zeeman study in asymmetric Cd1-yZnyTe/CdTe/Cd1-xMnxTe quantum wells. *Physical Review B*, **1994**, 50, 2011-2014	3.3	30

220	First-principles investigation of electronic structure and magnetic properties in ferromagnetic GaxMn1−xN and AlxMn1−xN. *Journal Physics D: Applied Physics*, **2005**, 38, 1853-1859	3	29
219	Nonlinear piezoelectricity: The effect of pressure on CdTe. *Physical Review B*, **1996**, 53, 6951-6954	3.3	28
218	Observation of charged X−and X+excitons and metal-to-insulator transition in CdTe/CdMgZnTe modulation-doped quantum wells. *Superlattices and Microstructures*, **1998**, 23, 1097-1102	2.8	27
217	Structure of (111) CdTe epilayers on misoriented (001) GaAs. *Journal of Applied Physics*, **1990**, 67, 2428-2433	2.5	27
216	Quantitative Reconstructions of 3D Chemical Nanostructures in Nanowires. *Nano Letters*, **2016**, 16, 1637-42	11.5	26
215	Magneto-optical spectroscopy of (Ga,Mn)N epilayers. *Physical Review B*, **2006**, 74,	3.3	26
214	Femtosecond study of the interplay between excitons, trions, and carriers in (Cd,Mn)Te quantum wells. *Physical Review Letters*, **2004**, 92, 177402	7.4	26
213	(1 1 1) CdTe surface structure: A study by reflection high energy electron diffraction, x-ray photoelectron spectroscopy, and x-ray photoelectron diffraction. *Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films*, **1991**, 9, 3025-3030	2.9	26
212	Optical study of residual strains in CdTe and ZnTe layers grown by molecular beam epitaxy on GaAs. *Applied Physics Letters*, **1989**, 55, 235-237	3.4	26
211	Excitonic absorption in CdTe-based piezoelectric quantum wells. *Physical Review B*, **1995**, 52, 12013-12019	3.3	25
210	Surface dynamics during CdTe growth by molecular beam epitaxy. *Applied Physics Letters*, **1995**, 66, 2397-2399	3.4	25
209	Influence of s,p-d and sp-d exchange couplings on exciton splitting in Zn1−xMnxO. *Physical Review B* , **2011**, 84,	3.3	24
208	Excitonic Faraday rotation in CdTe?Cd1−xMnxTe quantum wells. *Solid State Communications*, **1995**, 94, 543-548	1.6	24
207	Scaling Laws in CsNiF3 with Applied Magnetic Field: An Optical Study. *Physical Review Letters*, **1981**, 46, 1428-1431	7.4	24
206	Structure and morphology in diffusion-driven growth of nanowires: the case of ZnTe. *Nano Letters*, **2014**, 14, 1877-83	11.5	22
205	Strain in crystalline core-shell nanowires. *EPJ Applied Physics*, **2014**, 67, 30403	1.1	22
204	Spinodal decomposition to control magnetotransport in (Ge,Mn) films. *Physical Review B*, **2010**, 82,	3.3	22
203	Oscillator strength transfer from X to X+ in a CdTe quantum-well microcavity. *Physical Review B*, **1999**, 60, 11568-11571	3.3	22

202	Parameters of the magnetic polaron state in diluted magnetic semiconductors Cd-Mn-Te with low manganese concentration. *Physical Review B*, **1996**, 54, 5727-5731	3.3	22
201	Excitonic giant Zeeman effect in GaN:Mn3+. *Physical Review B*, **2007**, 76,	3.3	21
200	Photoluminescence of p-doped quantum wells with strong spin splitting. *Physical Review B*, **2004**, 70,	3.3	21
199	Molecular-dynamics simulations of structural and thermodynamic properties of ZnTe using a three-body potential. *Solid State Sciences*, **2003**, 5, 1211-1216	3.4	21
198	Exciton Trions in II-VI Heterostructures. *Acta Physica Polonica A*, **1998**, 94, 99-109	0.6	21
197	Optimization of the growth of Ga1−xMnxN epilayers using plasma-assisted MBE. *Physica Status Solidi (B): Basic Research*, **2003**, 240, 443-446	1.3	20
196	Quantum beats between trion and exciton transitions in modulation-doped CdTe quantum wells. *Physical Review B*, **1999**, 60, 5797-5801	3.3	20
195	Light-hole exciton in a nanowire quantum dot. *Physical Review B*, **2017**, 95,	3.3	19
194	Nitrogen doping of Te-based II–VI compounds. *Journal of Crystal Growth*, **1997**, 175-176, 682-687	1.6	19
193	Motion-dependent magnetic properties of excitons in CdTe. *Physical Review B*, **2008**, 78,	3.3	19
192	Ferromagnetism in II–VI Compounds. *Physica Status Solidi (B): Basic Research*, **2002**, 229, 665-672	1.3	19
191	Light controlled and probed ferromagnetism of (Cd,Mn)Te quantum wells. *Physica E: Low-Dimensional Systems and Nanostructures*, **2002**, 12, 344-350	3	19
190	Local Structure and Valence State of Mn in Ga1− Mn x N Epilayers. *Journal of Superconductivity and Novel Magnetism*, **2003**, 16, 127-129		19
189	n- And p-type modulation doping of Te related semimagnetic II–VI heterostructures. *Journal of Crystal Growth*, **1999**, 201-202, 715-718	1.6	19
188	The nitrogen acceptor energy in ZnTe measured by Hall effect and optical spectroscopy. *Journal of Applied Physics*, **1996**, 79, 7386-7388	2.5	19
187	Dynamics of localized excitons and high-excitations effects in II–VI quantum wells and heterostructures. *Physica B: Condensed Matter*, **1993**, 191, 90-101	2.8	19
186	Quantum size effects in GaAs?GaAlAs quantum well wires and quantum well boxes. *Superlattices and Microstructures*, **1987**, 3, 35-39	2.8	19
185	Interface-driven phase separation in multifunctional materials: The case of the ferromagnetic semiconductor GeMn. *Physical Review B*, **2012**, 85,	3.3	18

184	Ab initio study of electronic properties of zincblende AlN and deformation potentials under hydrostatic stress. *Materials Chemistry and Physics*, **2003**, 82, 471-477	4.4	18
183	Faraday rotation in a study of charged excitons in Cd1−xMnxTe. *Physical Review B*, **2001**, 63,	3.3	18
182	Strained GaAs/InGaAs Core-Shell Nanowires for Photovoltaic Applications. *Nanoscale Research Letters*, **2016**, 11, 176	5	17
181	Optical properties of single ZnTe nanowires grown at low temperature. *Applied Physics Letters*, **2013**, 103, 222106	3.4	17
180	Spin engineering of carrier-induced magnetic ordering in (Cd,Mn)Te quantum wells. *Physica E: Low-Dimensional Systems and Nanostructures*, **2004**, 21, 943-946	3	17
179	Ab Initio Study of Magnetism in III-V- and II-VI-Based Diluted Magnetic Semiconductors. *Journal of Superconductivity and Novel Magnetism*, **2003**, 16, 123-126		17
178	Indication of ferromagnetic ordering in p-Zn1−xMnxTe. *Physica B: Condensed Matter*, **2000**, 284-288, 1177-1178		17
177	Rough versus dilute interfaces in semiconductor heterostructures: The role of growth conditions. *Applied Physics Letters*, **1994**, 65, 1287-1289	3.4	17
176	Stress-dependence tight binding study of tellurium-based II–VI semiconductors. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2003**, 315, 143-149	2.3	16
175	Ferromagnetism induced by free carriers in p-type structures of diluted magnetic semiconductors. *Physica E: Low-Dimensional Systems and Nanostructures*, **2000**, 7, 967-975	3	16
174	Chemical ordering of epitaxial FePd deposited on ZnSe and the surfactant effect of segregated Se. *Applied Physics Letters*, **2000**, 76, 1455-1457	3.4	16
173	Atomic-like spin noise in solid-state demonstrated with manganese in cadmium telluride. *Nature Communications*, **2015**, 6, 8121	17.4	15
172	Resonant magneto-optic Kerr effect in CdTe/Cd1−xMnxTe quantum-well structures. *Physical Review B*, **1997**, 55, 2360-2367	3.3	15
171	Spin Carrier Exchange Interactions in (Ga,Mn)N and (Zn,Co)O Wide Band Gap Diluted Magnetic Semiconductor Epilayers. *Journal of Superconductivity and Novel Magnetism*, **2005**, 18, 15-21		15
170	Spin–lattice relaxation in semimagnetic CdMnTe/CdMgZnTe quantum wells with a two-dimensional hole gas tuned by optical excitation. *Solid State Communications*, **2001**, 120, 17-20	1.6	15
169	Carrier induced ferromagnetic interactions and transport properties of p-Zn(1−x)MnxTe epilayers. *Journal of Applied Physics*, **2000**, 87, 6451-6453	2.5	15
168	Early stage of growth for (001) ZnTe and (111) CdTe on (001) GaAs: A structural study of the interface using conventional and grazing-incidence X-ray diffraction. *Solid State Communications*, **1990**, 74, 433-437	1.6	15
167	Magnetization dynamics in (Cd,Mn)Te quantum wells. *Physica Status Solidi (B): Basic Research*, **2006**, 243, 882-886	1.3	14

166	Growth, structural, and optical properties of II-VI layers: (001) CdMnTe grown by molecular-beam epitaxy. *Journal of Applied Physics*, **1995**, 77, 1069-1081	2.5	14
165	Doping efficiency and plasma analysis of a nitrogen electron cyclotron resonance plasma. *Journal of Crystal Growth*, **1996**, 159, 284-288	1.6	14
164	Exchange bias in GeMn nanocolumns: The role of surface oxidation. *Applied Physics Letters*, **2010**, 97, 062501	3.4	13
163	Self-regulated growth of tilted superlattices by atomic layer epitaxy. *Applied Physics Letters*, **1998**, 72, 3151-3153	3.4	13
162	Compact visible microgun-pumped Cd Te-Cd1⊠MnxTe laser. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **1993**, 16, 279-282	3.1	13
161	Study of CdTe(1 1 1) surface reconstructions by RHEED and XPS. *Surface Science*, **1991**, 251-252, 511-515	1.8	13
160	Collective nature of two-dimensional electron gas spin excitations revealed by exchange interaction with magnetic ions. *Physical Review B*, **2010**, 82,	3.3	12
159	Optical linewidth and field fluctuations in piezoelectric quantum wells. *Physical Review B*, **1995**, 51, 13185-13186	3.3	12
158	Piezoelectric effects in II-VI heterostructures. *Physica Scripta*, **1993**, T49B, 487-491	2.6	12
157	Raman scattering in the one-dimensional ferromagnet CsNiF3. *Journal of Physics C: Solid State Physics*, **1980**, 13, 5587-5602		12
156	Spin waves in magnetic quantum wells with Coulomb interaction and sd exchange coupling. *Physical Review B*, **2011**, 83,	3.3	11
155	Excitons in motion in II⊽VI semiconductors. *Physica Status Solidi (B): Basic Research*, **2010**, 247, 1521-1527	1.3	11
154	Relaxation dynamics of ferromagnetic domains in (Cd,Mn)Te quantum wells. *Physica E: Low-Dimensional Systems and Nanostructures*, **2006**, 32, 454-457	3	11
153	Softening of spin resonance at low temperature in p-doped Cd1⊠MnxTe quantum wells. *Physical Review B*, **2004**, 70,	3.3	11
152	Interdiffusion mechanisms in CdTe/CdMgZnTe:N modulation-doped heterostructures. *Journal of Applied Physics*, **2000**, 87, 3777-3784	2.5	11
151	Diffusion-driven growth of nanowires by low-temperature molecular beam epitaxy. *Journal of Applied Physics*, **2016**, 119, 164303	2.5	11
150	Electric-field control of the magnetic anisotropy in an ultrathin (Ga,Mn)As/(Ga,Mn)(As,P) bilayer. *Applied Physics Letters*, **2013**, 102, 122403	3.4	10
149	Direct electron- and hole-spin relaxation measurements in undoped piezoelectric CdTe quantum wells. *Applied Physics Letters*, **2005**, 87, 192104	3.4	10

148	Optical absorption and static spin correlation functions in the one-dimensional ferromagnet CsNiF3. *Journal of Physics C: Solid State Physics*, **1980**, 13, 2781-2789		10
147	Diluted Magnetic Semiconductors: Basic Physics and Optical Properties. *Springer Series in Solid-state Sciences*, **2008**, 389-431	0.4	9
146	Structural and magnetic properties of GeMn layers; High Curie temperature ferromagnetism induced by self organized GeMn nano-columns. *Physica Status Solidi (A) Applications and Materials Science*, **2007**, 204, 130-135	1.6	9
145	The Surface Structure of a II-VI Compound: CdTe. *Defect and Diffusion Forum*, **2007**, 150-151, 1-34	0.7	9
144	Exciton-exciton interaction and biexcitons in the presence of spin-polarized carriers. *Physical Review B*, **2005**, 72,	3.3	9
143	Formation of the ZnTe/(001) GaAs interface. *Journal of Crystal Growth*, **1993**, 127, 339-342	1.6	9
142	Incommensurate phase of Te adsorbed on (001) GaAs. *Physical Review B*, **1989**, 39, 12047-12051	3.3	9
141	Low-dimensional systems: Quantum wires and quantum boxes by MBE. *Journal of Crystal Growth*, **1987**, 81, 101-105	1.6	9
140	Pre-edge features in X-ray absorption structure of Mn in GaMnN, GaMnAs and GeMn. *Journal of Magnetism and Magnetic Materials*, **2006**, 300, 144-147	2.8	8
139	Absorption and emission in n type II$\overline{V}$I quantum wells. *Physica E: Low-Dimensional Systems and Nanostructures*, **2000**, 6, 161-164	3	8
138	Growth and structural and magnetic characterization of the FePd ordered alloy on CdZnTe II$\overline{V}$I semiconductor. *Applied Physics Letters*, **1999**, 75, 2818-2820	3.4	8
137	Ultrafast in-well screening of the piezoelectric field in (111) quantum wells. *Physical Review B*, **1996**, 53, R16172-R16175	3.3	8
136	Annealing effect on the shape of CdTe/ZnTe quantum wells. *Applied Physics Letters*, **1992**, 60, 2797-2799	3.4	8
135	Observation of magnetically tuned interwell coupling in asymmetric double quantum wells. *Superlattices and Microstructures*, **1992**, 12, 119-122	2.8	8
134	X-ray photoemission study of the Te-precursor surfaces and the initial stages of growth of ZnTe on GaAs (100). *Applied Physics Letters*, **1987**, 51, 1690-1692	3.4	8
133	Scaling laws in CsNiF3: Experimental evidence. *Journal of Magnetism and Magnetic Materials*, **1983**, 31-34, 1135-1136	2.8	8
132	Hall Effect and Magnetoresistance in P-Type Ferromagnetic Semiconductors **2003**, 197-210		8
131	Relaxation in the 3T1u state of F centres in CaO. *Journal De Physique*, **1979**, 40, 1149-1160		8

130	Growth of II–VI ZnSe/CdSe nanowires for quantum dot luminescence. *Journal of Crystal Growth*, **2013**, 378, 233-237	1.6	7
129	Properties of Ga1−x Mnx N epilayers grown by plasma-assisted molecular beam epitaxy using Raman spectroscopy. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2006**, 133, 102-107	3.1	7
128	Microphotoluminescence study of p-type (Cd,Mn)Te quantum wells. *Applied Physics Letters*, **2006**, 89, 052104	3.4	7
127	Electronic and optical properties of CdTe under hydrostatic pressure effect. *Superlattices and Microstructures*, **2002**, 32, 25-34	2.8	7
126	Implantation-enhanced interdiffusion of CdTe-ZnTe heterostructures. *Journal of Applied Physics*, **1993**, 74, 2524-2534	2.5	7
125	(111) CdTe molecular beam epitaxy growth on misoriented (001) GaAs substrate. *Journal of Crystal Growth*, **1990**, 101, 126-130	1.6	7
124	X-ray standing wave study of CdTe/MnTe/CdTe(001) heterointerfaces. *Journal of Applied Physics*, **1997**, 81, 1173-1179	2.5	6
123	Ferromagnetic transition induced by a two-dimensional hole gas in a semimagnetic quantum well. *Journal of Crystal Growth*, **1998**, 184-185, 898-902	1.6	6
122	Deposition and growth with desorption for CdTe molecular beam epitaxy. *Journal of Crystal Growth* , **1998**, 184-185, 75-79	1.6	6
121	Effect of 3d-transition metal atoms distribution on exchange interaction and optical spectra in the diluted magnetic semiconductors of III–V and IV groups. *Journal of Magnetism and Magnetic Materials*, **2006**, 300, 140-143	2.8	6
120	Structural analysis of (Ga,Mn)N epilayers and self-organized dots using MeV ion channeling. *Physica Status Solidi (A) Applications and Materials Science*, **2006**, 203, 1724-1728	1.6	6
119	Light and Electric-Field Control of Ferromagnetism in Cd1−xMnxTe Based Quantum Wells. *Physica Status Solidi (B): Basic Research*, **2002**, 229, 737-739	1.3	6
118	Ferromagnetism in II–VI-based semiconductor structures. *Physica E: Low-Dimensional Systems and Nanostructures*, **2002**, 13, 489-494	3	6
117	Excitonic Giant Zeeman Effect in Wide Gap Diluted Magnetic Semiconductors Based on ZnO and GaN. *Acta Physica Polonica A*, **2006**, 110, 303-309	0.6	6
116	Non-linear piezoelectric effect in CdTe and CdZnTe. *European Physical Journal Special Topics*, **1993**, 03, 429-432		6
115	Optical spin orientation of a single manganese atom in a quantum dot. *Solid State Communications*, **2009**, 149, 1472-1478	1.6	5
114	Exciton polaritons in quantum wells in a transverse magnetic field. *Physics of the Solid State*, **2009**, 51, 1649-1655	0.8	5
113	Optical measurements of spin polarization in a 2D electron system with g-factor tunable through zero. *Physica B: Condensed Matter*, **1998**, 256-258, 136-140	2.8	5

112	The role of 2D islands in the epitaxial growth of (001) CdTe. *Applied Surface Science*, **1998**, 123-124, 283-288	2.7	5
111	Semiconductor heterostructures for spintronics and quantum information. *Comptes Rendus Physique*, **2007**, 8, 243-252	1.4	5
110	Excitons in motion: universal dependence of the magnetic moment on kinetic energy. *Physica Status Solidi (B): Basic Research*, **2008**, 245, 1059-1063	1.3	5
109	Spin susceptibility enhancement in a two-dimensional hole gas. *Physical Review B*, **2006**, 73,	3.3	5
108	Study of lattice properties of Ga1− Mnx N epilayers grown by plasma-assisted molecular beam epitaxy by means of optical techniques. *Journal of Crystal Growth*, **2006**, 296, 174-178	1.6	5
107	Spin−lattice Relaxation Study in Diluted Magnetic Semiconductor Quantum Wells and Quantum Dots. *Physica Status Solidi (B): Basic Research*, **2002**, 229, 723-726	1.3	5
106	Optical probing of the spin state of a single magnetic ion in an individual quantum dot. *Physica Status Solidi (B): Basic Research*, **2005**, 242, 1237-1241	1.3	5
105	Interface Characterization of CdTe-CdMnTe Structures. *Materials Science Forum*, **1995**, 182-184, 567-572	0.4	5
104	Coulomb enhancement of Faraday rotation in semimagnetic semiconductors. *Physical Review B*, **1996**, 54, R8305-R8308	3.3	5
103	Comparative reflectivity study of coupled and uncoupled CdTe/CdMnTe asymmetric double quantum wells. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **1993**, 16, 235-238	3.1	5
102	Optical absorption and spin dynamics in the 1d ferromagnet CsNiF3. *Journal of Magnetism and Magnetic Materials*, **1980**, 15-18, 1059-1060	2.8	5
101	Nanowire growth and sublimation: CdTe quantum dots in ZnTe nanowires. *Physical Review Materials*, **2018**, 2,	3.2	5
100	Control of the incubation time in the vapor-solid-solid growth of semiconductor nanowires. *Applied Physics Letters*, **2017**, 110, 263107	3.4	4
99	Electric-field-induced magnetization reorientation in a (Ga,Mn)As/(Ga,Mn)(As,P) bilayer with out-of-plane anisotropy. *Physical Review B*, **2014**, 90,	3.3	4
98	Modeling magnetotransport in inhomogeneous (Ge,Mn) films. *Journal of Applied Physics*, **2011**, 109, 123906	2.5	4
97	Motional enhancement of the exciton magnetic moment. *Semiconductor Science and Technology*, **2008**, 23, 114011	1.8	4
96	Magneto-optical spectroscopy of (Zn,Co)O epilayers. *Physica Status Solidi (B): Basic Research*, **2006**, 243, 863-867	1.3	4
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