

Dmitri R Yakovlev

List of Publications by Year in descending order

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547
papers

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docs citations

557
times ranked

6462
citing authors

#	ARTICLE	IF	CITATIONS
1	Lead-dominated Hyperfine Interaction Impacting the Carrier Spin Dynamics in Halide Perovskites. <i>Advanced Materials</i> , 2022, 34, e2105263.	11.1	33
2	Cross-relaxation interactions in ZnO:Mn ²⁺ : The ground state optical pumping. <i>Applied Physics Letters</i> , 2022, 120, 041104.	1.5	0
3	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
4	Zeeman and Davydov splitting of Frenkel excitons in the antiferromagnet Cu ₂ O. <i>Physical Review B</i> , 2022, 105, .	1.1	4
5	Photon Echo Polarimetry of Excitons and Biexcitons in a CH ₃ NH ₃ Pb ₃ Perovskite Single Crystal. <i>ACS Photonics</i> , 2022, 9, 621-629.	3.2	7
6	Spin Dynamics of Electrons and Holes Interacting with Nuclei in MAPb ₃ Perovskite Single Crystals. <i>ACS Photonics</i> , 2022, 9, 1375-1384.	3.2	14
7	The Landé factors of electrons and holes in lead halide perovskites: universal dependence on the band gap. <i>Nature Communications</i> , 2022, 13, .	5.8	28
8	Extending the time of coherent optical response in ensemble of singly-charged InGaAs quantum dots. <i>Communications Physics</i> , 2022, 5, .	2.0	3
9	Polarized emission of CdSe nanocrystals in magnetic field: the role of phonon-assisted recombination of the dark exciton. <i>Nanoscale</i> , 2021, 13, 790-800.	2.8	10
10	Exchange interaction in the yellow exciton series of cuprous oxide. <i>Physical Review B</i> , 2021, 103, .	1.1	5
11	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
12	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
13	Suppression of nuclear spin fluctuations in an InGaAs quantum dot ensemble by GHz-pulsed optical excitation. <i>Npj Quantum Information</i> , 2021, 7, .	2.8	12
14	Resonant spin amplification in Faraday geometry. <i>Physical Review B</i> , 2021, 103, .	1.1	1
15	Toroidal nonreciprocity of optical second harmonic generation. <i>Physical Review B</i> , 2021, 103, .	1.1	9
16	Second harmonic generation on excitons in ZnO/(Zn,Mg)O quantum wells with built-in electric fields. <i>Physical Review B</i> , 2021, 103, .	1.1	1
17	Exciton recombination and spin relaxation in strong magnetic fields in ultrathin (In,Al)As/AlAs quantum wells with indirect band gap and type-I band alignment. <i>Physical Review B</i> , 2021, 104, .	1.1	5
18	Ultra-deep optical cooling of coupled nuclear spin-spin and quadrupole reservoirs in a GaAs/(Al,Ga)As quantum well. <i>Communications Physics</i> , 2021, 4, .	2.0	7

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19	Shielding of external magnetic field by dynamic nuclear polarization in (In,Ga)As quantum dots. Physical Review B, 2021, 104, .	1.1	2
20	Second-harmonic generation of blue series excitons and magnetoexcitons in Cu ₂ O. Physical Review B, 2021, 104, .	1.1	3
21	Extended spin coherence of the zinc-vacancy centers in ZnSe with fast optical access. Communications Materials, 2021, 2, .	2.9	5
22	Dynamic polarization of electron spins in indirect band gap (In,Al)As/AlAs quantum dots in a weak magnetic field: Experiment and theory. Physical Review B, 2021, 104, .	1.1	7
23	Coherent Spin Dynamics of Electrons and Holes in CsPbBr ₃ Colloidal Nanocrystals. Nano Letters, 2021, 21, 8481-8487.	4.5	18
24	Stimulated Resonant Spin Amplification Reveals Millisecond Electron Spin Coherence Time of Rare-Earth Ions in Solids. Physical Review Letters, 2021, 127, 157401.	2.9	6
25	Homogeneous optical anisotropy in an ensemble of InGaAs quantum dots induced by strong enhancement of the heavy-hole band Landé parameter $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$. Physical Review B, 2021, 104, .	1.1	5
26	Optically detected magnetic resonance of indirect excitons in an ensemble of (In,Al,Ga)As/(Al,Ga)As quantum dots. Physical Review B, 2021, 104, .	1.1	3
27	Exciton Binding Energy in CdSe Nanoplatelets Measured by One- and Two-Photon Absorption. Nano Letters, 2021, 21, 10525-10531.	4.5	27
28	Single and Double Electron Spin-Flip Raman Scattering in CdSe Colloidal Nanoplatelets. Nano Letters, 2020, 20, 517-525.	4.5	21
29	Dynamic Polarization of Electron Spins Interacting with Nuclei in Semiconductor Nanostructures. Physical Review Letters, 2020, 125, 156801.	2.9	16
30	Optical harmonic generation on the exciton-polariton in ZnSe. Physical Review B, 2020, 102, .	1.1	4
31	Steplike spectral distribution of photoelectrons at the percolation threshold in heavily p-doped GaAs. Physical Review B, 2020, 102, .	1.1	1
32	Effect of electric current on the optical orientation of interface electrons in AlGaAs/GaAs heterostructures. Physical Review B, 2020, 102, .	1.1	1
33	Exciton and exciton-magnon photoluminescence in the antiferromagnet $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$. Physical Review B, 2020, 102, .	1.1	7
34	Ultrafast acoustic switching of an optically pumped cavity polariton system in the bistable regime. Journal of Physics: Conference Series, 2020, 1461, 012077.	0.3	0
35	Optical detection of electron spin dynamics driven by fast variations of a magnetic field: a simple method to measure $\langle \text{mml:math} \rangle \langle \text{mml:math} \rangle$, $\langle \text{mml:math} \rangle \langle \text{mml:math} \rangle$, and $\langle \text{mml:math} \rangle \langle \text{mml:math} \rangle$ in semiconductors. Scientific Reports, 2020, 10, 13155.	1.6	1
36	Spin echo studies on Fe ³⁺ ions in GaN: Spin-phonon relaxation and ligand hyperfine interactions. Applied Physics Letters, 2020, 117, 032106.	1.5	1

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37	Magnon polaron formed by selectively coupled coherent magnon and phonon modes of a surface patterned ferromagnet. <i>Physical Review B</i> , 2020, 102, .	1.1	47
38	Optically detected magnetic resonance in CdSe/CdMnS nanoplatelets. <i>Nanoscale</i> , 2020, 12, 21932-21939.	2.8	10
39	Recombination and spin dynamics of excitons in thin (Ga,Al)(Sb,As)/AlAs quantum wells with an indirect band gap and type-I band alignment. <i>Physical Review B</i> , 2020, 102, .	1.1	6
40	Two-photon absorption and second harmonic generation of 1S para- and orthoexcitons in Cu ₂ O coupled by a magnetic field. <i>Physical Review B</i> , 2020, 102, .	1.1	3
41	Rydberg Series of Dark Excitons in Cu ₂ O. <i>Physical Review Letters</i> , 2020, 125, 207402.	2.9	10
42	Spin polarization recovery and Hanle effect for charge carriers interacting with nuclear spins in semiconductors. <i>Physical Review B</i> , 2020, 102, .	1.1	17
43	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
44	Asymmetric spin transitions of nonthermalized Mn ²⁺ ions in (Zn,Mn)Se-based quantum wells. <i>Physical Review B</i> , 2020, 101, .	1.1	0
45	Charge Separation Dynamics in CdSe/CdS Core/Shell Nanoplatelets Addressed by Coherent Electron Spin Precession. <i>ACS Nano</i> , 2020, 14, 7237-7244.	7.3	19
46	Anomalous magnetic suppression of spin relaxation in a two-dimensional electron gas in a GaAs/AlGaAs quantum well. <i>Physical Review B</i> , 2020, 101, .	1.1	3
47	Magneto-Stark and Zeeman effect as origin of second harmonic generation of excitons in Cu ₂ O. <i>Physical Review B</i> , 2020, 101, .	1.1	2
48	Magneto-Optics of Excitons Interacting with Magnetic Ions in CdSe/CdMnS Colloidal Nanoplatelets. <i>ACS Nano</i> , 2020, 14, 9032-9041.	7.3	20
49	Short range proximity effect induced by exchange interaction in tunnel-coupled CdTe and (Cd,Mn)Te quantum wells. <i>Physical Review B</i> , 2020, 101, .	1.1	1
50	Electron-nuclei interaction in the X valley of (In,Al)As/AlAs quantum dots. <i>Physical Review B</i> , 2020, 101, .	1.1	9
51	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
52	Surface spin magnetism controls the polarized exciton emission from CdSe nanoplatelets. <i>Nature Nanotechnology</i> , 2020, 15, 277-282.	15.6	32
53	Negatively Charged Excitons in CdSe Nanoplatelets. <i>Nano Letters</i> , 2020, 20, 1370-1377.	4.5	58
54	Second harmonic generation of cuprous oxide in magnetic fields. <i>Physical Review B</i> , 2020, 101, .	1.1	9

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55	Optical second- and third-harmonic generation on excitons in ZnSe/BeTe quantum wells. Physical Review B, 2020, 102, .	1.1	2
56	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
57	Spin Dynamics of Negatively Charged Excitons in InP/(In,Ga)P Quantum Dots in a Magnetic Field. Physics of the Solid State, 2020, 62, 2033-2038.	0.2	1
58	Long-Lived Negative Photocharging in Colloidal CdSe Quantum Dots Revealed by Coherent Electron Spin Precession. Journal of Physical Chemistry Letters, 2019, 10, 4994-4999.	2.1	16
59	Monodispersed Spherical Nanoparticles GdxSiyOz:Eu3+ for Magnetic Resonance Tomography and Optical Imaging. Physics of the Solid State, 2019, 61, 627-631.	0.2	0
60	Low voltage control of exchange coupling in a ferromagnet-semiconductor quantum well hybrid structure. Nature Communications, 2019, 10, 2899.	5.8	15
61	Spintronics of semiconductor, metallic, dielectric, and hybrid structures (100th anniversary of the Tj ETQq1 1 0.784314 rgBT /Overlo	0.8	19
62	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
63	Dual-Emitting Dot-in-Bulk CdSe/CdS Nanocrystals with Highly Emissive Core- and Shell-Based Trions Sharing the Same Resident Electron. Nano Letters, 2019, 19, 8846-8854.	4.5	6
64	Hyperfine Interactions and Slow Spin Dynamics in Quasi-isotropic InP-based Core/Shell Colloidal Nanocrystals. ACS Nano, 2019, 13, 10201-10209.	7.3	8
65	Ultrafast strain-induced switching of a bistable cavity-polariton system. Physical Review B, 2019, 100, .	1.1	6
66	Transverse magneto-optical Kerr effect at narrow optical resonances. Nanophotonics, 2019, 8, 287-296.	2.9	19
67	Second harmonic generation on the yellow exciton in $S_{11}Cu_2$ in symmetry-forbidden geometries. Physical Review B, 2019, 99, .	1.1	8
68	Optical orientation and alignment of excitons in direct and indirect band gap (In,Al)As/AlAs quantum dots with type-I band alignment. Physical Review B, 2019, 99, .	1.1	19
69	Origin of Two Larmor Frequencies in the Coherent Spin Dynamics of Colloidal CdSe Quantum Dots Revealed by Controlled Charging. Journal of Physical Chemistry Letters, 2019, 10, 3681-3687.	2.1	24
70	Polarimetry of photon echo on charged and neutral excitons in semiconductor quantum wells. Scientific Reports, 2019, 9, 5666.	1.6	12
71	Radiofrequency driving of coherent electron spin dynamics in n -GaAs detected by Faraday rotation. Physical Review B, 2019, 99, .	1.1	7
72	Optical Excitation of Single- and Multimode Magnetization Precession in Fe -Ga Nanolayers. Physical Review Applied, 2019, 11, .	1.5	14

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73	Optical orientation of acceptor-bound hole magnetic polarons in bulk (Cd,Mn)Te. <i>Physical Review B</i> , 2019, 99, .	1.1	2
74	Theoretical Modeling of the Nuclear-Field Induced Tuning of the Electron Spin Precession for Localized Spins. <i>Physica Status Solidi (B): Basic Research</i> , 2019, 256, 1800534.	0.7	5
75	Intrinsic and magnetic-field-induced linear polarization of excitons in ultrathin indirect-gap type-II GaAs/AlAs quantum wells. <i>Physical Review B</i> , 2019, 99, .	1.1	5
76	Coherent spin dynamics of electrons and holes in CsPbBr ₃ perovskite crystals. <i>Nature Communications</i> , 2019, 10, 673.	5.8	100
77	Subsecond nuclear spin dynamics in n-GaAs. <i>Physical Review B</i> , 2019, 99, .	1.1	2
78	Direct Measurements of the Picosecond Kinetics of Heating of a Spin Subsystem in Semimagnetic Semiconducting Nanostructures. <i>JETP Letters</i> , 2019, 110, 799-803.	0.4	0
79	Electron g-factor in coupled quantum wells CdTe and CdMnTe. <i>Journal of Physics: Conference Series</i> , 2019, 1400, 066023.	0.3	0
80	Features of spin dynamics of magnetic ions and charge carriers in self-organized quantum dots CdSe/ZnMnSe. <i>Journal of Physics: Conference Series</i> , 2019, 1400, 077010.	0.3	1
81	Spin dephasing of electrons and holes in isotopically purified ZnSe/(Zn,Mg)Se quantum wells. <i>Physical Review B</i> , 2019, 100, .	1.1	4
82	Effect of nuclear quadrupole interaction on spin beats in photoluminescence polarization dynamics of charged excitons in InP/(In,Ga)P quantum dots. <i>Physical Review B</i> , 2019, 100, .	1.1	2
83	Anisotropic exchange splitting of excitons affected by \hat{I}^X mixing in (In,Al)As/AlAs quantum dots: Microphotoluminescence and macrophotoluminescence measurements. <i>Physical Review B</i> , 2019, 100, .	1.1	5
84	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
85	Dangling Bond Spins Controlling Recombination Dynamics of Excitons in Colloidal Nanocrystals and Nanoplatelets. <i>Semiconductors</i> , 2018, 52, 572-574.	0.2	6
86	Spin-lattice relaxation of optically polarized nuclei in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML">\langle \text{mml:mi}>p\langle \text{mml:mi}>\langle \text{mml:math}>-type$ GaAs. <i>Physical Review B</i> , 2018, 97, .	1.1	2
87	Effect of Dangling Bond Spins on the Dark Exciton Recombination and Spin Polarization in CdSe Colloidal Nanostructures. <i>Journal of Electronic Materials</i> , 2018, 47, 4338-4344.	1.0	5
88	Photon Echo from an Ensemble of (In,Ga)As Quantum Dots. <i>Semiconductors</i> , 2018, 52, 531-534.	0.2	1
89	Generation of a localized microwave magnetic field by coherent phonons in a ferromagnetic nanograting. <i>Physical Review B</i> , 2018, 97, .	1.1	25
90	Photocharging Dynamics in Colloidal CdS Quantum Dots Visualized by Electron Spin Coherence. <i>Semiconductors</i> , 2018, 52, 548-550.	0.2	0

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91	Spin Dynamics of Charged and Neutral Excitons in Colloidal Nanocrystals. Journal of Electronic Materials, 2018, 47, 4260-4271.	1.0	3
92	Addressing the exciton fine structure in colloidal nanocrystals: the case of CdSe nanoplatelets. Nanoscale, 2018, 10, 646-656.	2.8	89
93	Electron and Hole g -Factors and Spin Dynamics of Negatively Charged Excitons in CdSe/CdS Colloidal Nanoplatelets with Thick Shells. Nano Letters, 2018, 18, 373-380.	4.5	50
94	Detection of nanowatt microwave radiation by the photoluminescence of an ensemble of negatively charged nitrogen vacancies in diamond. Applied Physics Letters, 2018, 113, .	1.5	3
95	Long coherent dynamics of localized excitons in (In,Ga)N/GaN quantum wells. Physical Review B, 2018, 98, .	1.1	7
96	Plasmon-excitonic Enhancement of the Transverse Magneto-Optical Kerr effect in the Semiconductor Magnetic Nanostructures. , 2018, , .		0
97	Studies of photon echo from exciton ensemble in (In,Ga)As quantum dots. Journal of Physics: Conference Series, 2018, 951, 012029.	0.3	1
98	Single-beam resonant spin amplification of electrons interacting with nuclei in a GaAs/(Al,Ga)As quantum well. Physical Review B, 2018, 98, .	1.1	3
99	Electron and hole spin relaxation in InP-based self-assembled quantum dots emitting at telecom wavelengths. Physical Review B, 2018, 98, .	1.1	3
100	Single-beam optical measurement of spin dynamics in CdTe/(Cd,Mg)Te quantum wells. Physical Review B, 2018, 98, .	1.1	8
101	High-resolution second harmonic generation spectroscopy with femtosecond laser pulses on excitons in Cu_2O . Physical Review B, 2018, 98, .	1.1	29
102	Spin inertia of resident and photoexcited carriers in singly charged quantum dots. Physical Review B, 2018, 98, .	1.1	23
103	Theory of spin inertia in singly charged quantum dots. Physical Review B, 2018, 98, .	1.1	22
104	Template Synthesis of Monodisperse Spherical Nanocomposite SiO ₂ /GaN:Eu ³⁺ Particles. Semiconductors, 2018, 52, 1123-1128.	0.2	4
105	Interfacial Ferromagnetism in a Co/CdTe Ferromagnet/Semiconductor Quantum Well Hybrid Structure. Physics of the Solid State, 2018, 60, 1578-1581.	0.2	3
106	Spin Physics of Excitons in Colloidal Nanocrystals. Physics of the Solid State, 2018, 60, 1537-1553.	0.2	10
107	Discretization of the total magnetic field by the nuclear spin bath in fluorine-doped ZnSe. Nature Communications, 2018, 9, 1941.	5.8	18
108	Magnetic-field-induced crossover from the inverse Faraday effect to the optical orientation in EuTe. Journal of Applied Physics, 2018, 123, 193102.	1.1	7

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109	Routing the emission of a near-surface light source by a magnetic field. <i>Nature Physics</i> , 2018, 14, 1043-1048.	6.5	27
110	Optically excited spin pumping mediating collective magnetization dynamics in a spin valve structure. <i>Physical Review B</i> , 2018, 98, .	1.1	13
111	Third harmonic generation on exciton-polaritons in bulk semiconductors subject to a magnetic field. <i>Physical Review B</i> , 2018, 98, .	1.1	9
112	Decay and revival of electron spin polarization in an ensemble of (In,Ga)As quantum dots. <i>Physical Review B</i> , 2018, 98, .	1.1	9
113	Basic Requirements of Spin-Flip Raman Scattering on Excitonic Resonances and Its Modulation through Additional High-Energy Illumination in Semiconductor Heterostructures. <i>Physics of the Solid State</i> , 2018, 60, 1611-1617.	0.2	1
114	Photon Echo from Localized Excitons in Semiconductor Nanostructures. <i>Physics of the Solid State</i> , 2018, 60, 1635-1644.	0.2	19
115	Exciton Spectroscopy of Semiconductors by the Method of Optical Harmonics Generation (Review). <i>Physics of the Solid State</i> , 2018, 60, 1471-1486.	0.2	17
116	All-optical quantum thermometry based on spin-level cross-relaxation and multicenter entanglement under ambient conditions in SiC. <i>AIP Advances</i> , 2018, 8, 085304.	0.6	6
117	Quantum Interference Controls the Electron Spin Dynamics in InGaAs . <i>Physical Review X</i> , 2018, 8, .	2.8	9
118	Coherent dynamics of localized excitons and trions in ZnO/(Zn,Mg)O quantum wells studied by photon echoes. <i>Physical Review B</i> , 2018, 97, .	1.1	10
119	Optically detected magnetic resonance of photoexcited electrons in (In,Al)As/AlAs quantum dots with indirect band gap and type-I band alignment. <i>Physical Review B</i> , 2018, 97, .	1.1	18
120	Coherent optical spectroscopy of charged exciton complexes in semiconductor nanostructures. , 2018, , .		0
121	Photon echoes from (In,Ga)As quantum dots embedded in a Tamm-plasmon microcavity. <i>Physical Review B</i> , 2017, 95, .	1.1	23
122	The effect of dynamical compressive and shear strain on magnetic anisotropy in a low symmetry ferromagnetic film. <i>Physica Scripta</i> , 2017, 92, 054006.	1.2	10
123	Zn ^{VI} quasiparticle gaps and optical spectra from many-body calculations. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 215702.	0.7	5
124	Dynamic Evolution from Negative to Positive Photocharging in Colloidal CdS Quantum Dots. <i>Nano Letters</i> , 2017, 17, 2844-2851.	4.5	32
125	Direct Measurements of Magnetic Polarons in Cd _x Mn _x Se Nanocrystals from Resonant Photoluminescence. <i>Nano Letters</i> , 2017, 17, 3068-3075.	4.5	36
126	Picosecond Control of Quantum Dot Laser Emission by Coherent Phonons. <i>Physical Review Letters</i> , 2017, 118, 133901.	2.9	23

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127	Magnetic polaron on dangling-bond spins in CdSe colloidal nanocrystals. <i>Nature Nanotechnology</i> , 2017, 12, 569-574.	15.6	44
128	Picosecond Acoustics in Single Quantum Wells of Cubic GaN/(Al,Ga)N. <i>Physical Review Applied</i> , 2017, 7, .	1.5	2
129	Dynamics of exciton magnetic polarons in CdMnSe/CdMgSe quantum wells: Effect of self-localization. <i>Physical Review B</i> , 2017, 95, .	1.1	14
130	Spin dynamics of quadrupole nuclei in InGaAs quantum dots. <i>Physical Review B</i> , 2017, 95, .	1.1	5
131	Magnon Accumulation by Clocked Laser Excitation as Source of Long-Range Spin Waves in Transparent Magnetic Films. <i>Physical Review X</i> , 2017, 7, .	2.8	35
132	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
133	The synthesis of clusters of iron oxides in mesopores of monodisperse spherical silica particles. <i>Physics of the Solid State</i> , 2017, 59, 1623-1628.	0.2	10
134	Electron spin dynamics of Ce ³⁺ ions in YAG crystals studied by pulse-EPR and pump-probe Faraday rotation. <i>Physical Review B</i> , 2017, 96, .	1.1	6
135	Monodisperse core-shell particles composed of magnetite and dye-functionalized mesoporous silica. <i>Technical Physics Letters</i> , 2017, 43, 716-719.	0.2	2
136	Time-resolved photon echoes from donor-bound excitons in ZnO epitaxial layers. <i>Physical Review B</i> , 2017, 96, .	1.1	8
137	Generation of spin waves by a train of fs-laser pulses: a novel approach for tuning magnon wavelength. <i>Scientific Reports</i> , 2017, 7, 5668.	1.6	50
138	Spin dynamics and magnetic field induced polarization of excitons in ultrathin GaAs/AlAs quantum wells with indirect band gap and type-II band alignment. <i>Physical Review B</i> , 2017, 96, .	1.1	21
139	High-Resolution Two-Dimensional Optical Spectroscopy of Electron Spins. <i>Physical Review X</i> , 2017, 7, .	2.8	9
140	Negatively Charged and Dark Excitons in CsPbBr ₃ Perovskite Nanocrystals Revealed by High Magnetic Fields. <i>Nano Letters</i> , 2017, 17, 6177-6183.	4.5	103
141	Electron charge and spin delocalization revealed in the optically probed longitudinal and transverse spin dynamics in $\text{In}_{1-x}\text{Ga}_x\text{As}$. <i>Physical Review B</i> , 2017, 96, .	1.1	13
142	Nuclear spin cooling by helicity-alternated optical pumping at weak magnetic fields in $\text{In}_{1-x}\text{Ga}_x\text{As}$. <i>Physical Review B</i> , 2017, 96, .	1.1	5
143	Direct measurement of the long-range p^{\sim}d exchange coupling in a ferromagnet-semiconductor Co/CdMgTe/CdTe quantum well hybrid structure. <i>Physical Review B</i> , 2017, 96, .	1.1	14
144	Coherent Spin Dynamics of Carriers. <i>Springer Series in Solid-state Sciences</i> , 2017, , 155-206.	0.3	13

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145	Excitonic enhancement of the transverse magneto-optical Kerr effect in semiconductor nanostructures. , 2017, , .		0
146	ENDOR investigations of the Ce ³⁺ ions in YAG: Transferred hyperfine interaction with nearest aluminum ions. Journal of Applied Physics, 2017, 122, 243903.	1.1	2
147	Acousto-optical nanoscopy of buried photonic nanostructures. Optica, 2017, 4, 588.	4.8	1
148	Room-temperature electron spin dynamics of Ce ³⁺ ions in a YAG crystal. Applied Physics Letters, 2017, 110, 222405.	1.5	12
149	Ultrafast nanomechanics in vertical cavity surface-emitting lasers (Conference Presentation). , 2017, , .		0
150	Dispersion of the electron g factor anisotropy in InAs/InP self-assembled quantum dots. Journal of Applied Physics, 2016, 120, 084301.	1.1	5
151	Monodisperse spherical meso-“macroporous silica particles: Synthesis and adsorption of biological macromolecules. Physics of the Solid State, 2016, 58, 2339-2344.	0.2	2
152	Extended pump-probe Faraday rotation spectroscopy of the submicrosecond electron spin dynamics in GaAs. Physical Review B, 2016, 94, .	1.1	29
153	Access to long-term optical memories using photon echoes retrieved from electron spins in semiconductor quantum wells. Proceedings of SPIE, 2016, , .	0.8	1
154	Enhancement of electron hot spot relaxation in photoexcited plasmonic structures by thermal diffusion. Physical Review B, 2016, 94, .	1.1	6
155	Quasi-ordering of composition fluctuations and their interaction with lattice imperfections in an optical spectra of dilute nitride alloys. Semiconductor Science and Technology, 2016, 31, 095012.	1.0	8
156	Dynamics of nuclear spin polarization induced and detected by coherently precessing electron spins in fluorine-doped ZnSe. Physical Review B, 2016, 93, .	1.1	11
157	Photon echo transients from an inhomogeneous ensemble of semiconductor quantum dots. Physical Review B, 2016, 93, .	1.1	28
158	Large anisotropy of electron and hole g factors in infrared-emitting InAs/InAlGaAs self-assembled quantum dots. Physical Review B, 2016, 93, .	1.1	27
159	Thermal dissociation of free and acceptor-bound positive trions from magnetophotoluminescence studies of high quality GaAs/AlxGa1-x quantum wells. Physical Review B, 2016, 93, .	1.1	1
160	Resonantly enhanced spin-lattice relaxation of Mn ²⁺ in diluted magnetic (Zn,Mn)Se/(Zn,Be)Se quantum wells. Physical Review B, 2016, 93, .	1.1	1
161	Dynamics of exciton recombination in strong magnetic fields in ultrathin GaAs/AlAs quantum wells with indirect band gap and type-II band alignment. Physical Review B, 2016, 94, .	1.1	24
162	Terahertz dynamics of lattice vibrations in Au/CdTe plasmonic crystals: Photoinduced segregation of Te and enhancement of optical response. Physical Review B, 2016, 93, .	1.1	10

#	ARTICLE	IF	CITATIONS
163	Optical orientation of hole magnetic polarons in (Cd,Mn)Te/(Cd,Mn,Mg)Te quantum wells. Physical Review B, 2016, 93, .	1.1	11
164	Coherent spin dynamics of carriers in ferromagnetic semiconductor heterostructures with an Mn δ layer. Journal of Experimental and Theoretical Physics, 2016, 123, 420-428.	0.2	2
165	Advanced optical manipulation of carrier spins in (In,Ga)As quantum dots. Applied Physics B: Lasers and Optics, 2016, 122, 1.	1.1	3
166	Band-Edge Exciton Fine Structure and Recombination Dynamics in InP/ZnS Colloidal Nanocrystals. ACS Nano, 2016, 10, 3356-3364.	7.3	65
167	Coherent Acoustic Phonons in Colloidal Semiconductor Nanocrystal Superlattices. ACS Nano, 2016, 10, 1163-1169.	7.3	52
168	Long-range p-d exchange interaction in a ferromagnetic semiconductor hybrid structure. Nature Physics, 2016, 12, 85-91.	6.5	47
169	Longitudinal and transverse spin dynamics of donor-bound electrons in fluorine-doped ZnSe: Spin inertia versus Hanle effect. Physical Review B, 2015, 91, .	1.1	36
170	Resonant driving of magnetization precession in a ferromagnetic layer by coherent monochromatic phonons. Physical Review B, 2015, 92, .	1.1	55
171	First energy transfer of dark excitons enhanced by a magnetic field in an ensemble of CdTe colloidal nanocrystals. Physical Review B, 2015, 92, .	1.1	16
172	Resonant optical alignment and orientation of $\langle \text{Mn}^{2+} \rangle$ in CdMnTe crystals. Physical Review B, 2015, 92, .	1.1	28
173	Inhomogeneous nuclear spin polarization induced by helicity-modulated optical excitation of fluorine-bound electron spins in ZnSe. Physical Review B, 2015, 92, .	1.1	10
174	Electric field effect on optical harmonic generation at the exciton resonances in GaAs. Physical Review B, 2015, 92, .	1.1	23
175	Electron and hole g factors in InAs/InAlGaAs self-assembled quantum dots emitting at telecom wavelengths. Physical Review B, 2015, 92, .	1.1	23
176	Ground and excited states of iron centers in ZnO: Pulse-EPR and magneto-optical spectroscopy. Physical Review B, 2015, 92, .	1.1	6
177	Nuclear spin polarization in the electron spin-flip Raman scattering of singly charged (In,Ga)As/GaAs quantum dots. Physical Review B, 2015, 92, .	1.1	6
178	Magneto-optical study of Zeeman effect in Mn modulation-doped InAs/InGaAs/InAlAs quantum well structures. Journal of Applied Physics, 2015, 118, 113906.	1.1	1
179	Exciton spin dynamics and photoluminescence polarization of CdSe/CdS dot-in-rod nanocrystals in high magnetic fields. Physical Review B, 2015, 91, .	1.1	29
180	Impact of nanomechanical resonances on lasing from electrically pumped quantum dot micropillars. Applied Physics Letters, 2015, 106, .	1.5	11

#	ARTICLE	IF	CITATIONS
181	Novel mechanisms of optical harmonic generation on excitons in semiconductors. , 2015, , .		1
182	Coherent control and angular momentum transfer in semiconductor and plasmonic nanostructures. , 2015, , .		0
183	Picosecond acoustics in semiconductor optoelectronic nanostructures. Ultrasonics, 2015, 56, 122-128.	2.1	10
184	Ultrafast Photoinduced Linear and Circular Anisotropy in Multiferroic Manganite YMnO ₃ . Springer Proceedings in Physics, 2015, , 210-213.	0.1	0
185	Spin-flip Raman scattering of the resident electron in singly charged (In,Ga)As/GaAs quantum dot ensembles. Physical Review B, 2014, 90, .	1.1	20
186	All-optical NMR in semiconductors provided by resonant cooling of nuclear spins interacting with electrons in the resonant spin amplification regime. Physical Review B, 2014, 90, .	1.1	24
187	All-optical tomography of electron spins in (In,Ga)As quantum dots. Physical Review B, 2014, 89, .	1.1	5
188	High magnetic field studies of charged exciton localization in GaAs/Al _x Ga _{1-x} As quantum wells. Applied Physics Letters, 2014, 105, 112104.	1.5	3
189	Excitation of complex spin dynamics patterns in a quantum-dot electron spin ensemble. Physical Review B, 2014, 90, .	1.1	4
190	Orientation of electron spins in hybrid ferromagnet-semiconductor nanostructures. Physica Status Solidi (B): Basic Research, 2014, 251, 1663-1672.	0.7	15
191	All-optical implementation of a dynamic decoupling protocol for hole spins in (In,Ga)As quantum dots. Physical Review B, 2014, 90, .	1.1	5
192	Spin mode locking in quantum dots revisited. Physica Status Solidi (B): Basic Research, 2014, 251, 1892-1911.	0.7	9
193	Spin coherence of electrons and holes in ZnSe-based quantum wells studied by pump-probe Kerr rotation. Physica Status Solidi (B): Basic Research, 2014, 251, 1872-1880.	0.7	15
194	Nuclear magnetic resonances in (In,Ga)As/GaAs quantum dots studied by resonant optical pumping. Physical Review B, 2014, 89, .	1.1	19
195	Spin-flip Raman scattering of the exciton in indirect band gap (In,Al)As/AlAs quantum dots. Physical Review B, 2014, 90, .	1.1	10
196	Heating of the Mn spin system by photoexcited holes in type-II (Zn,Mn)Se/(Be,Mn)Te quantum wells. Physica Status Solidi (B): Basic Research, 2014, 251, 1694-1699.	0.7	4
197	Hypersonic properties of monodisperse spherical mesoporous silica particles. Journal Physics D: Applied Physics, 2014, 47, 335303.	1.3	6
198	Recombination Dynamics of Band Edge Excitons in Quasi-Two-Dimensional CdSe Nanoplatelets. Nano Letters, 2014, 14, 1134-1139.	4.5	109

#	ARTICLE	IF	CITATIONS
199	Exciton spin dynamics of colloidal CdTe nanocrystals in magnetic fields. <i>Physical Review B</i> , 2014, 89, .	1.1	15
200	Magnetophotonic intensity effects in hybrid metal-dielectric structures. <i>Physical Review B</i> , 2014, 89, .	1.1	39
201	Access to long-term optical memories using photon echoes retrieved from semiconductor spins. <i>Nature Photonics</i> , 2014, 8, 851-857.	15.6	74
202	Tuning Energy Splitting and Recombination Dynamics of Dark and Bright Excitons in CdSe/CdS Dot-in-Rod Colloidal Nanostructures. <i>Journal of Physical Chemistry C</i> , 2014, 118, 22309-22316.	1.5	42
203	Two-colour spin noise spectroscopy and fluctuation correlations reveal homogeneous linewidths within quantum-dot ensembles. <i>Nature Communications</i> , 2014, 5, 4949.	5.8	54
204	Lasing from active optomechanical resonators. <i>Nature Communications</i> , 2014, 5, 4038.	5.8	37
205	Coherent Coupling of Excitons and Trions in a Photoexcited CdTe/CdMgTe Quantum Well. <i>Physical Review Letters</i> , 2014, 112, 097401.	2.9	44
206	Controlled Lasing from Active Optomechanical Resonators. , 2014, , .		0
207	Picosecond inverse magnetostriction in galfenol thin films. <i>Applied Physics Letters</i> , 2013, 103, .	1.5	52
208	Plasmon-mediated magneto-optical transparency. <i>Nature Communications</i> , 2013, 4, 2128.	5.8	180
209	Tuning of the transverse magneto-optical Kerr effect in magneto-plasmonic crystals. <i>New Journal of Physics</i> , 2013, 15, 075024.	1.2	80
210	Second-harmonic generation spectroscopy of excitons in ZnO. <i>Physical Review B</i> , 2013, 88, .	1.1	58
211	Temperature dependence of hole spin coherence in (In,Ga)As quantum dots measured by mode-locking and echo techniques. <i>Physical Review B</i> , 2013, 87, .	1.1	24
212	Microsecond Lifetime of Exciton Spin Polarization in (In,Al)As/AlAs Quantum Dots. <i>Optoelectronics, Instrumentation and Data Processing</i> , 2013, 49, 514-519.	0.2	0
213	Spin dynamics of negatively charged excitons in CdSe/CdS colloidal nanocrystals. <i>Physical Review B</i> , 2013, 88, .	1.1	64
214	Magneto-Stark Effect of Excitons as the Origin of Second Harmonic Generation in ZnO. <i>Physical Review Letters</i> , 2013, 110, 116402.	2.9	27
215	Thermal activation of non-radiative Auger recombination in charged colloidal nanocrystals. <i>Nature Nanotechnology</i> , 2013, 8, 206-212.	15.6	219
216	Electron spin dynamics and optical orientation of Mn ²⁺ ions in GaAs. <i>Journal of Applied Physics</i> , 2013, 113, 136501.	1.1	6

#	ARTICLE	IF	CITATIONS
217	Optical Spectroscopy of Spin Noise. Physical Review Letters, 2013, 110, 176601.	2.9	76
218	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
219	Ultrafast photoinduced linear and circular optical anisotropy in the multiferroic hexagonal manganite $YMnO_3$. Physical Review B, 2013, 88, .	1.1	7
220	The QLA and QTA strain Picosecond opto-acoustic interferometry and polarimetry in high-index GaAs. Optics Express, 2013, 21, 16473.	1.7	15
221	The Hg isoelectronic defect in ZnO. Journal of Applied Physics, 2013, 114, 193515.	1.1	2
222	Dynamic nuclear polarization and Hanle effect in (In,Ga)As/GaAs quantum dots. Role of nuclear spin fluctuations. , 2013, , .		0
223	Coexistence of nearly free and strongly bound trions from magneto-photoluminescence of two-dimensional quantum structures with tunable electron or hole concentration. , 2013, , .		0
224	Magnetization precession induced by quasitransverse picosecond strain pulses in (311) ferromagnetic (Ga,Mn)As. Physical Review B, 2013, 87, .	1.1	35
225	Optically detected far-infrared cyclotron resonance of two-dimensional electrons in a single GaAs/(Al,Ga)As heterojunction. Physical Review B, 2013, 87, .	1.1	0
226	Resources of polarimetric sensitivity in spin noise spectroscopy. Physical Review B, 2013, 88, .	1.1	23
227	Magnetic field induced nutation of exciton-polariton polarization in (Cd,Zn)Te crystals. Physical Review B, 2013, 88, .	1.1	10
228	Hanle effect in (In,Ga)As quantum dots: Role of nuclear spin fluctuations. Physical Review B, 2013, 87, .	1.1	8
229	Uniaxial stress and Zeeman spectroscopy of the 3.324-eV Ge-related photoluminescence in ZnO. Physical Review B, 2013, 87, .	1.1	5
230	Charge conversion of nearly free and impurity bound magneto-trions immersed in 2D electron or hole gas with optically tunable concentration. Journal of Physics: Conference Series, 2013, 456, 012017.	0.3	0
231	Spin relaxation of negatively charged excitons in (In,Al)As/AlAs quantum dots with indirect band gap and type-I band alignment. Applied Physics Letters, 2012, 101, 142108.	1.5	18
232	Hybrid structures of magnetic semiconductors and plasmonic crystals: a novel concept for magneto-optical devices [Invited]. Journal of the Optical Society of America B: Optical Physics, 2012, 29, A103.	0.9	14
233	Studying periodic nanostructures by probing the in-sample optical far-field using coherent phonons. Applied Physics Letters, 2012, 101, .	1.5	5
234	Spin-polarized electric currents in diluted magnetic semiconductor heterostructures induced by terahertz and microwave radiation. Physical Review B, 2012, 86, .	1.1	22

#	ARTICLE	IF	CITATIONS
235	Non-resonant optical excitation of mode-locked electron spin coherence in (In,Ga)As/GaAs quantum dot ensemble. Applied Physics Letters, 2012, 100, 232107.	1.5	4
236	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
237	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
238	Optical third harmonic generation in the magnetic semiconductor EuSe. Physical Review B, 2012, 85, .	1.1	14
239	Electron and hole spins in InP/(Ga,In)P self-assembled quantum dots. Physical Review B, 2012, 86, .	1.1	10
240	Coherent spin dynamics of electrons and holes in semiconductor quantum wells and quantum dots under periodical optical excitation: Resonant spin amplification versus spin mode locking. Physical Review B, 2012, 85, .	1.1	54
241	Spin coherence generation in negatively charged self-assembled (In,Ga)As quantum dots by pumping excited trion states. Physical Review B, 2012, 86, .	1.1	7
242	Destruction and recurrence of excitons by acoustic shock waves on picosecond time scales. Physical Review B, 2012, 86, .	1.1	6
243	Spin dephasing of fluorine-bound electrons in ZnSe. Physical Review B, 2012, 85, .	1.1	38
244	Hole spin precession in a (In,Ga)As quantum dot ensemble: From resonant spin amplification to spin mode locking. Physical Review B, 2012, 86, .	1.1	25
245	Laser mode feeding by shaking quantum dots in a planar microcavity. Nature Photonics, 2012, 6, 30-34.	15.6	74
246	Modulation of a surface plasmon-polariton resonance by subterahertz diffracted coherent phonons. Physical Review B, 2012, 86, .	1.1	19
247	Hyperfine interaction mediated exciton spin relaxation in (In,Ga)As quantum dots. Physical Review B, 2012, 85, .	1.1	16
248	Intrinsic Spin Fluctuations Reveal the Dynamical Response Function of Holes Coupled to Nuclear Spin Baths in (In,Ga)As Quantum Dots. Physical Review Letters, 2012, 108, 186603.	2.9	77
249	Excitation of spin waves in ferromagnetic (Ga,Mn)As layers by picosecond strain pulses. Physical Review B, 2012, 85, .	1.1	65
250	Dynamic spin polarization by orientation-dependent separation in a ferromagnet-semiconductor hybrid. Nature Communications, 2012, 3, 959.	5.8	53
251	Cyclotron-resonant exciton transfer between the nearly free and strongly localized radiative states of a two-dimensional hole gas in a high magnetic field. Physical Review B, 2012, 85, .	1.1	7
252	Plasmonic crystals for ultrafast nanophotonics: Optical switching of surface plasmon polaritons. Physical Review B, 2012, 85, .	1.1	58

#	ARTICLE	IF	CITATIONS
253	Effect of the external electric field on the kinetics of recombination of photoexcited carriers in a ZnSe/BeTe type II heterostructure. JETP Letters, 2012, 94, 858-862.	0.4	1
254	Dynamics of nuclear polarization in InGaAs quantum dots in a transverse magnetic field. Journal of Experimental and Theoretical Physics, 2012, 114, 681-690.	0.2	7
255	Anisotropy of electron and hole g -factors in (In,Ga)As quantum dots. Applied Physics Letters, 2011, 99, .	1.5	41
256	Intensity magneto-optical effect in magnetoplasmonic crystals. Journal of Physics: Conference Series, 2011, 303, 012038.	0.3	7
257	Spin polarized electric currents in semiconductor heterostructures induced by microwave radiation. , 2011, , .		0
258	Resonant nuclear spin pumping in (In,Ga)As quantum dots. Physical Review B, 2011, 84, .	1.1	16
259	Optical Control of Coherent Interactions between Electron Spins in InGaAs Quantum Dots. Physical Review Letters, 2011, 107, 137402.	2.9	16
260	Dispersion of electron g -factor with optical transition energy in (In,Ga)As/GaAs self-assembled quantum dots. Applied Physics Letters, 2011, 98, 233102.	1.5	17
261	Positively versus negatively charged excitons: A high magnetic field study of CdTe/Cd $_{1-x}$ Mg $_x$ Te quantum wells. Physical Review B, 2011, 83, .	1.1	30
262	Theory of magnetization precession induced by a picosecond strain pulse in ferromagnetic semiconductor (Ga,Mn)As. Physical Review B, 2011, 84, .	1.1	31
263	Exciton recombination dynamics in an ensemble of (In,Al)As/AlAs quantum dots with indirect band-gap and type-I band alignment. Physical Review B, 2011, 84, .	1.1	42
264	Cyclotron-Assisted Resonant Exciton Exchange Between Nearly-Free and Acceptor-Bound States of a Positive Trion. , 2011, , .		0
265	Strong temperature destabilization of free exciton recombination in a two-dimensional structures with hole gas. Journal of Physics: Conference Series, 2011, 334, 012050.	0.3	0
266	Enhanced magneto-optical effects in magnetoplasmonic crystals. Nature Nanotechnology, 2011, 6, 370-376.	15.6	498
267	Optical Orientation of Mn^{2+} in GaAs in Weak Longitudinal Magnetic Fields. Physical Review Letters, 2011, 106, 147402.	2.9	16
268	Phonon-assisted exciton spin relaxation in (In,Ga)As/GaAs quantum dots. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 1165-1168.	0.8	1
269	Optical and photocurrent spectroscopy with picosecond strain pulses. Journal of Luminescence, 2011, 131, 404-408.	1.5	8
270	Exciton states in shallow ZnSe/(Zn,Mg)Se quantum wells: Interaction of confined and continuum electron and hole states. Physical Review B, 2011, 83, .	1.1	21

#	ARTICLE	IF	CITATIONS
271	Generation and detection of mode-locked spin coherence in (In,Ga)As/GaAs quantum dots by laser pulses of long duration. <i>Physical Review B</i> , 2011, 84, .	1.1	13
272	Long-lived electron spin coherence in CdSe/Zn(S,Se) self-assembled quantum dots. <i>Physical Review B</i> , 2011, 84, .	1.1	35
273	Exciton Exchange between Nearly-Free and Acceptor-Bound States of a Positive Trion Assisted by Cyclotron Excitation. <i>Acta Physica Polonica A</i> , 2011, 119, 600-601.	0.2	0
274	Effect of magnetic field on the electron-nuclear spin dynamics in quantum dots. <i>Journal of Physics: Conference Series</i> , 2010, 245, 012028.	0.3	0
275	Time-resolved Hanle effect in (In,Ga)As/GaAs quantum dots. <i>Journal of Physics: Conference Series</i> , 2010, 245, 012055.	0.3	2
276	Dynamical nuclear polarization and nuclear magnetic resonance in a (In,Ga)As/GaAs quantum dot ensemble. <i>Journal of Physics: Conference Series</i> , 2010, 245, 012056.	0.3	1
277	Photo-EPR and magneto-optical spectroscopy of iron centres in ZnO. <i>Physica Status Solidi (B): Basic Research</i> , 2010, 247, 1517-1520.	0.7	8
278	Novel mechanisms of optical harmonics generation in semiconductors. <i>Physica Status Solidi (B): Basic Research</i> , 2010, 247, 1498-1504.	0.7	17
279	Exciton magnetic polaron in CdMnSe/CdMgSe quantum wells. <i>Physica Status Solidi (B): Basic Research</i> , 2010, 247, 1508-1510.	0.7	5
280	Picosecond kinetics of the electron-hole layers formation in wide-bandgap II-VI type-II heterostructures. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2010, 7, 1533-1535.	0.8	3
281	Electron-Nuclear Spin Polarization Dynamics in InGaAs Quantum Dots. , 2010, , .		0
282	Spin polarized electric currents in semiconductor heterostructures induced by microwave radiation. <i>Applied Physics Letters</i> , 2010, 97, .	1.5	10
283	Spin Relaxation in GaAs Doped with Magnetic (Mn) Atoms. <i>Solid State Phenomena</i> , 2010, 168-169, 47-54.	0.3	1
284	Long-term dynamics of the electron-nuclear spin system of a semiconductor quantum dot. <i>Physical Review B</i> , 2010, 81, .	1.1	20
285	Optical second harmonic generation in the centrosymmetric magnetic semiconductors EuTe and EuSe. <i>Physical Review B</i> , 2010, 81, .	1.1	20
286	Optical bandpass switching by modulating a microcavity using ultrafast acoustics. <i>Physical Review B</i> , 2010, 81, .	1.1	29
287	Subnanosecond delay of light in Cd _x Zn _{1-x} Te crystals. <i>Physical Review B</i> , 2010, 82, .	1.1	7
288	Dynamical control of Mn spin-system cooling by photogenerated carriers in a (Zn,Mn)Se/BeTe heterostructure. <i>Physical Review B</i> , 2010, 82, .	1.1	5

#	ARTICLE	IF	CITATIONS
289	Optical third-harmonic spectroscopy of the magnetic semiconductor EuTe. Physical Review B, 2010, 82, .	1.1	16
290	Spin dynamics of electrons and holes in InGaAs wells at millikelvin temperatures. Physical Review B, 2010, 81, .	1.1	26
291	Spin diffusion in the MnInGaAs system of II-VI diluted magnetic semiconductor heterostructures. Physical Review B, 2010, 82, .	1.1	12
292	Coherence-mediated laser control of exciton and trion spins in CdTe/CdMgTe quantum wells studied by the magneto-optical Kerr effect. Journal of Physics Condensed Matter, 2010, 22, 115801.	0.7	3
293	Filtering of Elastic Waves by Opal-Based Hypersonic Crystal. Nano Letters, 2010, 10, 1319-1323.	4.5	23
294	Magnetic Polarons. Springer Series in Materials Science, 2010, , 221-262.	0.4	16
295	Spin and Energy Transfer Between Carriers, Magnetic Ions, and Lattice. Springer Series in Materials Science, 2010, , 263-303.	0.4	6
296	Spin Noise of Electrons and Holes in Self-Assembled Quantum Dots. Physical Review Letters, 2010, 104, 036601.	2.9	136
297	Optical control of electron spin coherence in CdTe/(Cd,Mg)Te quantum wells. Physical Review B, 2010, 81, .	1.1	25
298	Optically detected magnetic resonance at the quadrupole-split nuclear states in (In,Ga)As/GaAs quantum dots. Physical Review B, 2010, 82, .	1.1	30
299	Coherent Magnetization Precession in Ferromagnetic (Ga,Mn)As Induced by Picosecond Acoustic Pulses. Physical Review Letters, 2010, 105, 117204.	2.9	170
300	Effect of pump-probe detuning on the Faraday rotation and ellipticity signals of mode-locked spins in (In,Ga)As/GaAs quantum dots. Physical Review B, 2010, 82, .	1.1	33
301	Ensemble spin coherence of singly charged InGaAs quantum dots. Nanoscience and Technology, 2010, , 85-127.	1.5	1
302	Carrier relaxation dynamics in self-assembled semiconductor quantum dots. Physical Review B, 2009, 80, .	1.1	49
303	Collective single-mode precession of electron spins in an ensemble of singly charged (In,Ga)As/GaAs quantum dots. Physical Review B, 2009, 79, .	1.1	32
304	Dynamics of the nuclear spin polarization by optically oriented electrons in a (In,Ga)As/GaAs quantum dot ensemble. Physical Review B, 2009, 80, .	1.1	33
305	Spin-Induced Optical Second Harmonic Generation in the Centrosymmetric Magnetic Semiconductors EuTe and EuSe. Physical Review Letters, 2009, 103, 057203.	2.9	45
306	Photoinduced magneto-optical Kerr effect and ultrafast spin dynamics in CdTe/CdMgTe quantum wells during excitation by shaped laser pulses. Physical Review B, 2009, 80, .	1.1	6

#	ARTICLE	IF	CITATIONS
307	Terahertz polariton sidebands generated by ultrafast strain pulses in an optical semiconductor microcavity. <i>Physical Review B</i> , 2009, 80, .	1.1	23
308	Coupled electron-nuclear spin dynamics in quantum dots: A graded box model approach. <i>Physical Review B</i> , 2009, 80, .	1.1	22
309	Spin coherence of holes and electrons in undoped CdTe/(Cd,Mg)Te quantum wells. <i>Physical Review B</i> , 2009, 79, .	1.1	18
310	Spin Currents in Diluted Magnetic Semiconductors. <i>Physical Review Letters</i> , 2009, 102, 156602.	2.9	58
311	Measurement of the Knight field and local nuclear dipole-dipole field in an InGaAs/GaAs quantum dot ensemble. <i>Physical Review B</i> , 2009, 80, .	1.1	15
312	Long-Term Hole Spin Memory in the Resonantly Amplified Spin Coherence of InGaAs/GaAs Quantum Well Electrons. <i>Physical Review Letters</i> , 2009, 102, 167402.	2.9	37
313	ELECTRON SPIN COHERENCE IN SINGLY CHARGED QUANTUM DOTS. <i>International Journal of Modern Physics B</i> , 2009, 23, 2813-2825.	1.0	1
314	A way to a single frequency precession of an inhomogeneous ensemble of electron spins in InGaAs quantum dots. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2009, 6, 428-431.	0.8	2
315	Ultrafast optical rotations of electron spins in quantum dots. <i>Nature Physics</i> , 2009, 5, 262-266.	6.5	211
316	Optical tailoring of electron spin coherence in quantum dots. <i>Solid State Communications</i> , 2009, 149, 1466-1471.	0.9	6
317	Renormalization of the band gap in highly photoexcited type-II ZnSe/BeTe structures. <i>Semiconductors</i> , 2009, 43, 212-217.	0.2	3
318	Coherent Electron Spin Dynamics in Quantum Dots. <i>Nanoscience and Technology</i> , 2009, , 121-143.	1.5	0
319	Electron-spin dynamics in Mn-doped GaAs using time-resolved magneto-optical techniques. <i>Physical Review B</i> , 2009, 80, .	1.1	20
320	Exploring mode-locking of spins. , 2009, , .		0
321	Electron-Spin Dynamics in Self-Assembled (In,Ga)As/GaAs Quantum Dots. <i>Topics in Applied Physics</i> , 2009, , 51-80.	0.4	0
322	Resonance tunneling of charge carriers in photoexcited type-II ZnSe/BeTe heterostructures. <i>Semiconductors</i> , 2008, 42, 540-544.	0.2	0
323	Formation of metastable above-barrier hole states in ZnSe/BeTe type II heterostructures under high-density optical excitation. <i>JETP Letters</i> , 2008, 88, 511-514.	0.4	5
324	Time-resolved and continuous-wave optical spin pumping of semiconductor quantum wells. <i>Semiconductor Science and Technology</i> , 2008, 23, 114001.	1.0	30

#	ARTICLE	IF	CITATIONS
325	Hypersonic Modulation of Light in Three-Dimensional Photonic and Phononic Band-Gap Materials. Physical Review Letters, 2008, 101, 033902.	2.9	98
326	Effect of thermal annealing on the hyperfine interaction in InAs/GaAs quantum dots. Physical Review B, 2008, 78, .	1.1	66
327	Optically detected magnetic resonance in (Zn,Mn)Se/(Zn,Be)Se quantum wells. Physical Review B, 2008, 78, .	1.1	14
328	Temperature-induced spin-coherence dissipation in quantum dots. Physical Review B, 2008, 78, .	1.1	26
329	Ultrafast control of light emission from a quantum-well semiconductor microcavity using picosecond strain pulses. Physical Review B, 2008, 78, .	1.1	35
330	Ultrafast piezospectroscopy in semiconductor nanostructures. Proceedings of SPIE, 2008, , .	0.8	0
331	Coherent Spin Dynamics of Carriers. Springer Series in Solid-state Sciences, 2008, , 135-177.	0.3	15
332	COHERENT SPIN DYNAMICS OF ELECTRONS IN II-VI SEMICONDUCTOR QUANTUM WELLS. International Journal of Modern Physics B, 2007, 21, 1336-1346.	1.0	5
333	Nuclei-Induced Frequency Focusing of Electron Spin Coherence. Science, 2007, 317, 1896-1899. Spin coherence of a two-dimensional electron gas induced by resonant excitation of trions and excitons in	6.0	218
334	Te	0.0	0
335	Ultrafast stop band kinetics in a three-dimensional opal-VO ₂ photonic crystal controlled by a photoinduced semiconductor-metal phase transition. Physical Review B, 2007, 75, .	1.1	60
336	Electron spin polarization through interactions between excitons, trions, and the two-dimensional electron gas. Physical Review B, 2007, 75, .	1.1	24
337	Ultrafast Optical Pumping of Spin and Orbital Polarizations in the Antiferromagnetic Mott Insulator R ₂ CuO ₄ . Physical Review Letters, 2007, 98, 047403.	2.9	17
338	Electron-spin dephasing in Al _{0.34} Ga _{0.66} As quantum wells with a gate-controlled electron density. Physical Review B, 2007, 75, .	1.1	21
339	Spin Coherence of Holes in GaAs	1.0	7
340	Exciton fine structure in InGaAs/GaAs quantum dots revisited by pump-probe Faraday rotation. Physical Review B, 2007, 75, .	1.1	65
341	ZnSe/Bes quantum wells. Physical Review B, 2007, .	1.1	10
342	Systematic study of carrier correlations in the electron-hole recombination dynamics of quantum dots. Physical Review B, 2007, 76, .	1.1	31

#	ARTICLE	IF	CITATIONS
343	Robust manipulation of electron spin coherence in an ensemble of singly charged quantum dots. Physical Review B, 2007, 75, .	1.1	32
344	Spin coherence of two-dimensional electron gas achieved via resonant excitation of trions and excitons. AIP Conference Proceedings, 2007, , .	0.3	0
345	Spin Coherence of Holes in GaAs/AlGaAs Quantum Wells. AIP Conference Proceedings, 2007, , .	0.3	2
346	Phononic properties of opals. Journal of Physics: Conference Series, 2007, 92, 012107.	0.3	2
347	Acoustic solitons in semiconductor nanostructures. Journal of Physics: Conference Series, 2007, 92, 012002.	0.3	3
348	Subsecond Spin Relaxation Times in Quantum Dots at Zero Applied Magnetic Field Due to a Strong Electron-Nuclear Interaction. Physical Review Letters, 2007, 98, 107401.	2.9	73
349	Chirping of an Optical Transition by an Ultrafast Acoustic Soliton Train in a Semiconductor Quantum Well. Physical Review Letters, 2007, 99, 057402.	2.9	43
350	Universal behavior of the electron g-factor in GaAs \cdot xAlGa \cdot xAs quantum wells. Physical Review B, 2007, 75, .	1.1	118
351	Luminescence studies of spin dynamics in magnetic semiconductor nanostructures. Journal of Luminescence, 2007, 125, 1-10.	1.5	1
352	Time-resolved optically-detected magnetic resonance of II-VI diluted-magnetic-semiconductor heterostructures. Physica Status Solidi (A) Applications and Materials Science, 2007, 204, 174-178.	0.8	9
353	Dynamics of spin interactions in diluted magnetic semiconductor heterostructures. Physica Status Solidi (A) Applications and Materials Science, 2007, 204, 179-185.	0.8	3
354	Ultrafast optical phenomena related to spin and orbital dynamics in the rare-earth cuprates R ₂ CuO ₄ (R = Pr, Nd, Sm). Proceedings of SPIE, 2007, , .	0.8	0
355	Mode Locking of Electron Spin Coherences in Singly Charged Quantum Dots. Science, 2006, 313, 341-345.	6.0	409
356	Control of quantum dot excitons by lateral electric fields. Applied Physics Letters, 2006, 89, 123105.	1.5	19
357	Energy relaxation in CdSe/ZnSe quantum dots under the strong exciton-phonon coupling regime. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 924-927.	0.8	2
358	Electron spin coherence in singly charged (In,Ga)As/GaAs quantum dots. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 3740-3743.	0.8	0
359	Spin coherence of two-dimensional electron gas in CdTe/(Cd,Mg)Te quantum wells. Physica Status Solidi (B): Basic Research, 2006, 243, 878-881.	0.7	41
360	Picosecond kinetics of magnetization in optically excited (Zn,Mn)Se quantum wells. Physica Status Solidi (B): Basic Research, 2006, 243, 934-938.	0.7	0

#	ARTICLE	IF	CITATIONS
361	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
362	Optical control of electron spin dynamics in self-assembled (In,Ga)As/GaAs quantum dots. <i>Physica Status Solidi (B): Basic Research</i> , 2006, 243, 3719-3724.	0.7	1
363	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
364	Sub-second electron spin lifetimes in quantum dots at zero applied magnetic field due to alignment of QD nuclei. <i>Physica Status Solidi (B): Basic Research</i> , 2006, 243, 3922-3927.	0.7	2
365	Picosecond carrier relaxation in type-II ZnSe/BeTe heterostructures. <i>JETP Letters</i> , 2006, 83, 141-145.	0.4	11
366	Optical generation of spin coherence in single-charged (In,Ga)As/GaAs self-assembled quantum dots. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2006, 35, 272-277.	1.3	0
367	<title>Magneto-optical second-harmonic generation in semiconductors GaAs and CdTe</title>. , 2006, 6259, 18.		1
368	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
369	Direct energy transfer from photocarriers to Mn-ion system in II-VI diluted-magnetic-semiconductor quantum wells. <i>Physical Review B</i> , 2006, 73, .	1.1	36
370	Tailored quantum dots for entangled photon pair creation. <i>Physical Review B</i> , 2006, 73, .	1.1	53
371	Orbital quantization of electronic states in a magnetic field as the origin of second-harmonic generation in diamagnetic semiconductors. <i>Physical Review B</i> , 2006, 74, .	1.1	21
372	Electron spin coherence in n-doped CdTe $\hat{\cdot}$ CdMgTe quantum wells. <i>Applied Physics Letters</i> , 2006, 89, 221113.	1.5	17
373	Electron spin dynamics in self-assembled quantum dots. , 2006, , .		0
374	Ultrafast Band-Gap Shift Induced by a Strain Pulse in Semiconductor Heterostructures. <i>Physical Review Letters</i> , 2006, 97, 037401.	2.9	62
375	Optical Control of Spin Coherence in Singly Charged(In,Ga)As/GaAsQuantum Dots. <i>Physical Review Letters</i> , 2006, 96, 227401.	2.9	193
376	Electric field control of magnetization dynamics in ZnMnSe $\hat{\cdot}$ ZnBeSe diluted-magnetic-semiconductor heterostructures. <i>Applied Physics Letters</i> , 2006, 88, 212105.	1.5	12
377	Multiple transfer of angular momentum quanta from a spin-polarized hole to magnetic ions inZn1 $\hat{\sim}$ xMnxSe $\hat{\cdot}$ Zn1 $\hat{\sim}$ yBeySequantum wells. <i>Physical Review B</i> , 2006, 73, .	1.1	19
378	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

#	ARTICLE	IF	CITATIONS
379	Magnetic-field-induced second-harmonic generation in the diluted magnetic semiconductors $\text{Cd}_{1-x}\text{Mn}_x\text{Te}$. <i>Physical Review B</i> , 2006, 74, .	1.1	11
380	Spin-lattice relaxation of Mn ions in $\text{ZnMnSe}/\text{ZnBeSe}$ quantum wells measured under pulsed photoexcitation. <i>Physical Review B</i> , 2006, 73, .	1.1	37
381	Spin Dynamics in n-doped CdTe quantum wells: Interplay of excitons, trions and two-dimensional electron gas. , 2006, , .		0
382	Electron Spins in Self-Assembled (In,Ga)As/GaAs Quantum Dots Studied by Pump-Probe Faraday Rotation. <i>Acta Physica Polonica A</i> , 2006, 110, 287-293.	0.2	0
383	Spin dynamics of Mn-ion system in diluted-magnetic-semiconductor heterostructures based on ZnMnSe. <i>AIP Conference Proceedings</i> , 2005, , .	0.3	0
384	Spin control in heteromagnetic nanostructures. <i>Applied Physics Letters</i> , 2005, 86, 162104.	1.5	12
385	Magneto-optics of two-dimensional electron gases modified by strong Coulomb interactions in ZnSe quantum wells. <i>Physical Review B</i> , 2005, 72, .	1.1	18
386	Magnetic-Field-Induced Second-Harmonic Generation in Semiconductor GaAs. <i>Physical Review Letters</i> , 2005, 94, 157404.	2.9	33
387	Electron cyclotron mass in undoped $\text{CdTe}/\text{CdMnTe}$ quantum wells. <i>Physical Review B</i> , 2005, 72, .	1.1	12
388	Magnetization manipulation in (Ga,Mn)As by subpicosecond optical excitation. <i>Applied Physics Letters</i> , 2005, 86, 152506.	1.5	46
389	Fine structure in the excitonic emission of InAs/GaAs quantum dot molecules. <i>Physical Review B</i> , 2005, 71, .	1.1	47
390	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
391	Second-harmonic generation in the magnetic semiconductor (Cd, Mn)Te. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2005, 22, 168.	0.9	11
392	Universal estimation of X- trion binding energy in semiconductor quantum wells. <i>European Physical Journal B</i> , 2005, 47, 541-547.	0.6	22
393	Energy relaxation of electrons in InAs/GaAs quantum dot molecules. <i>Physical Review B</i> , 2005, 72, .	1.1	33
394	Quantum Dots: Building Blocks of Quantum Devices?. <i>Advances in Solid State Physics</i> , 2004, , 191-212.	0.8	0
395	Temperature dependence of the zero-phonon linewidth in InAs/GaAs quantum dots. <i>Physical Review B</i> , 2004, 70, .	1.1	39
396	Anisotropy of optical constants of ZnSe/BeTe heterostructures with no common atoms at the interfaces. <i>Physics of the Solid State</i> , 2004, 46, 780-787.	0.2	4

#	ARTICLE	IF	CITATIONS
397	Dynamics of localized Mn spins in diluted-magnetic-semiconductor nanostructures with quantum dots. <i>Physica Status Solidi (B): Basic Research</i> , 2004, 241, 361-369.	0.7	8
398	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
399	Spin and energy transfer between magnetic ions and free carriers in diluted-magnetic semiconductor heterostructures. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2004, 1, 989-992.	0.8	10
400	Spin-lattice relaxation in heteromagnetic nanostructures. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2004, 1, 2852-2855.	0.8	0
401	Picosecond Dynamics of the Photoinduced Spin Polarization in Epitaxial (Ga,Mn)As Films. <i>Physical Review Letters</i> , 2004, 92, 237203.	2.9	58
402	Spin Lattice Relaxation of Mn Ions in Nanostructures with Semiconductor Quantum Dots. <i>Journal of Superconductivity and Novel Magnetism</i> , 2003, 16, 391-394.	0.5	0
403	Many body effects and internal transitions of confined excitons in GaAs and CdTe quantum wells. <i>Solid State Communications</i> , 2003, 127, 821-827.	0.9	2
404	Combined exciton-electron optical processes in optical spectra of modulation doped QWs. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2003, 17, 197-200.	1.3	7
405	TEMPORAL DYNAMICS OF EXCITON-TRION SYSTEM. <i>International Journal of Nanoscience</i> , 2003, 02, 453-459.	0.4	3
406	Combined Exciton-Electron Optical Processes in Optical Spectra of Modulation Doped QWs. , 2003, , 125-136.		1
407	Optical Studies of Spin Polarized 2Deg in Modulation-Doped (Zn,Mn)Se/(Zn,Be)Se Quantum Wells in High Magnetic Fields. , 2003, , 217-232.		1
408	II-VI Quantum Wells with High Carrier Densities and in High Magnetic Fields. , 2003, , 137-150.		0
409	Positively and Negatively Charged Trions in ZnSe-Based Quantum Wells. , 2003, , 41-62.		0
410	Laser Action of Trions in a Semiconductor Quantum Well. <i>Physical Review Letters</i> , 2002, 89, 287402.	2.9	19
411	Hidden In-Plane Anisotropy of Interfaces in Zn(Mn)Se/BeTe Quantum Wells with a Type-II Band Alignment. <i>Physical Review Letters</i> , 2002, 88, 257401.	2.9	28
412	Electric-field effects on the radiative recombination in type-II ZnSe/BeTe heterostructures with equivalent and nonequivalent interfaces. <i>Physical Review B</i> , 2002, 66, .	1.1	7
413	Interface properties and in-plane linear photoluminescence polarization in highly excited type-II ZnSe/BeTe heterostructures with equivalent and nonequivalent interfaces. <i>Journal of Applied Physics</i> , 2002, 91, 652-657.	1.1	17
414	Dynamical equilibrium between excitons and trions in CdTe quantum wells in high magnetic fields. <i>Physical Review B</i> , 2002, 66, .	1.1	26

#	ARTICLE	IF	CITATIONS
415	<title>Combined exciton and trion excitations in modulation doped quantum well structures</title> . , 2002, , .		0
416	<title>Optical gain and lasing of trions in delta-doped ZnSe quantum wells</title> . , 2002, 5023, 376.		1
417	<title>Singlet and triplet states of charged excitons in ZnSe-based QWs probed by high magnetic fields</title> . , 2002, , .		0
418	Binding energy of charged excitons in ZnSe-based quantum wells. Physical Review B, 2002, 65, .	1.1	101
419	Optical method for the determination of carrier density in modulation-doped quantum wells. Physical Review B, 2002, 65, .	1.1	67
420	Combined Exciton-Electron and Trion-Electron Excitations in ZnSe/ZnMgSSe Modulation-Doped Quantum Wells. Physica Status Solidi (B): Basic Research, 2002, 229, 543-547.	0.7	6
421	Elliptically Polarized Luminescence of Spin-Oriented Carriers Recombining at Anisotropic Type-II Interface in ZnSe/BeTe Quantum Wells. Physica Status Solidi (B): Basic Research, 2002, 229, 689-694.	0.7	0
422	Spin-Lattice Relaxation Study in Diluted Magnetic Semiconductor Quantum Wells and Quantum Dots. Physica Status Solidi (B): Basic Research, 2002, 229, 723-726.	0.7	5
423	Diffusion of Carriers Induced by Exchange Interaction with Magnetic-Ion System in (Zn, Mn)Se/(Zn, Tj ETQq1 1 0.784314 rgBT /Overl	0.7	0
424	Dynamical Equilibrium between Excitons and Trions in CdTe Quantum Well Structures. Physica Status Solidi A, 2002, 190, 813-816.	1.7	2
425	Spin-phonon dynamics in doped magnetic quantum wells. Physica B: Condensed Matter, 2002, 316-317, 41-47.	1.3	4
426	Interaction of an electron gas with photoexcited electron-hole pairs in modulation-doped GaAs and CdTe quantum wells. Physica E: Low-Dimensional Systems and Nanostructures, 2002, 12, 499-502.	1.3	3
427	High magnetic field optical studies of 2DEG in modulation-doped ZnSe quantum wells. Physica E: Low-Dimensional Systems and Nanostructures, 2002, 12, 512-515.	1.3	3
428	<title>Filling-factor dependence of magneto-luminescence in II-VI QWs with 2DEG</title> . , 2002, , .		1
429	Magnetoluminescence of Zn(Mn)Se/Be(Mn)Te semimagnetic heterostructures with a type-II band alignment. Applied Physics Letters, 2001, 78, 1870-1872.	1.5	14
430	Inhomogeneous broadening of exciton lines in magneto-optical reflection from CdTe/CdMgTe quantum wells. European Physical Journal B, 2001, 24, 7-13.	0.6	7
431	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.	0.9	18
432	Combined exciton and trion excitations in modulation doped quantum well structures. Physica B: Condensed Matter, 2001, 298, 315-319.	1.3	20

#	ARTICLE	IF	CITATIONS
433	Motion of neutral and negatively charged excitons in high magnetic fields. <i>Physica B: Condensed Matter</i> , 2001, 298, 397-401.	1.3	11
434	Magneto-photoluminescence studies of Cd(Mn)Se/Zn(Mn)Se diluted magnetic nanostructures. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2001, 10, 362-367.	1.3	2
435	High-Excitation Effects in the Optical Properties of δ -Doped ZnSe Quantum Wells. <i>Physica Status Solidi (B): Basic Research</i> , 2001, 227, 331-337.	0.7	5
436	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
437	Trions in ZnSe-Based Quantum Wells Probed by 50 T Magnetic Fields. <i>Physica Status Solidi (B): Basic Research</i> , 2001, 227, 353-363.	0.7	11
438	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
439	Heating of the magnetic ion system in (Zn, Mn)Se/(Zn, Be)Se semimagnetic quantum wells by means of photoexcitation. <i>Physical Review B</i> , 2001, 65, .	1.1	82
440	Internal transitions of charged magneto excitons in II-VI quantum well heterostructures. <i>Springer Proceedings in Physics</i> , 2001, , 527-528.	0.1	1
441	Direct and indirect radiative recombination in strongly excited ZnSe/BeTe superlattices. <i>Springer Proceedings in Physics</i> , 2001, , 637-638.	0.1	1
442	Exciton-trion coupling in modulation doped quantum well structures. <i>Springer Proceedings in Physics</i> , 2001, , 495-496.	0.1	0
443	Spin-lattice relaxation in semimagnetic quantum wells with a 2DEG. <i>Springer Proceedings in Physics</i> , 2001, , 252-253.	0.1	0
444	Optical anisotropy of surface-emitting ZnSe/BeTe LEDs. <i>Superlattices and Microstructures</i> , 2000, 27, 515-518.	1.4	3
445	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
446	Kinetics of Radiative Recombination in Strongly Excited ZnSe/BeTe Superlattices. <i>Physica Status Solidi (B): Basic Research</i> , 2000, 221, 523-527.	0.7	14
447	Charged Exciton Dynamics in ZnSe/ZnMgSSe QWs. <i>Physica Status Solidi A</i> , 2000, 178, 501-505.	1.7	16
448	BeTe-ZnSe type-II heterojunctions. <i>Journal of Crystal Growth</i> , 2000, 214-215, 316-320.	0.7	1
449	Giant quantum-confined Pockels effect in type-II heterostructures. <i>Journal of Crystal Growth</i> , 2000, 214-215, 345-349.	0.7	3
450	II-VI quantum structures with tunable electron-factor. <i>Journal of Crystal Growth</i> , 2000, 214-215, 378-386.	0.7	19

#	ARTICLE	IF	CITATIONS
451	Magneto-optics of charged excitons in ZnSe/ZnMgSSe quantum wells. Journal of Crystal Growth, 2000, 214-215, 823-826.	0.7	7
452	Oscillator strength of excitons and charged excitons in ZnSe/ZnMgSSe QWs with a 2DEG of low density. Physica E: Low-Dimensional Systems and Nanostructures, 2000, 6, 187-190.	1.3	2
453	Spin-lattice relaxation in semimagnetic CdMnTe/CdMgTe quantum wells. Physical Review B, 2000, 62, R10641-R10644.	1.1	32
454	Oscillator strength of trion states in ZnSe-based quantum wells. Physical Review B, 2000, 62, 10345-10352.	1.1	72
455	Orientation of chemical bonds at type-II heterointerfaces probed by polarized optical spectroscopy. Physical Review B, 2000, 61, R2421-R2424.	1.1	42
456	Energy transfer from photocarriers into the magnetic ion system mediated by a two-dimensional electron gas in (Cd,Mn)Te/(Cd,Mg)Te quantum wells. Physical Review B, 2000, 61, 16870-16882.	1.1	88
457	Magneto-optical Properties of Graded Quantum Well Structures Made of Diluted Magnetic Semiconductors. , 2000, , 237-246.		1
458	Kinetic Exchange between the Conduction Band Electrons and Magnetic Ions in Quantum-Confined Structures. Physical Review Letters, 1999, 83, 1431-1434.	2.9	114
459	Kinetics of radiative recombination in strongly excited ZnSe/BeTe superlattices with a type-II band alignment. Applied Physics Letters, 1999, 75, 1231-1233.	1.5	26
460	Heating of the spin system by nonequilibrium phonons in semimagnetic (Cd,Mn,Mg)Te quantum wells. Physical Review B, 1999, 60, 5609-5616.	1.1	19
461	Magneto-optical properties of Zn _{0.95} Mn _{0.05} Se/Zn _{0.76} Be _{0.08} Mg _{0.16} Se quantum wells and Zn _{0.91} Mn _{0.09} Se/Zn _{0.972} Be _{0.028} Sespin superlattices. Physical Review B, 1999, 60, 2653-2660.	1.1	45
462	Giant Electro-optical Anisotropy in Type-II Heterostructures. Physical Review Letters, 1999, 83, 3546-3549.	2.9	71
463	Mn spin domains in highly photoexcited (Cd,Mn)Te/(Cd,Mg)Te quantum wells. Physical Review B, 1999, 59, 2050-2056.	1.1	22
464	Detection of nonequilibrium phonons by the exciton luminescence in CdMnTe-based quantum wells. Physica B: Condensed Matter, 1999, 263-264, 501-503.	1.3	0
465	Exciton-electron interaction in quantum wells with a two dimensional electron gas of low density. Physics of the Solid State, 1999, 41, 751-756.	0.2	3
466	Giant linear polarization of photoluminescence in type-II ZnSe/BeTe superlattices. Semiconductors, 1999, 33, 996-998.	0.2	1
467	Charged excitons in ZnSe-based quantum wells. Physical Review B, 1999, 60, R8485-R8488.	1.1	85
468	Optical study of spin glass-like transition in epilayers and quantum well structures containing Cd _{1-x} Mn _x Te. Journal of Magnetism and Magnetic Materials, 1999, 191, 25-37.	1.0	6

#	ARTICLE	IF	CITATIONS
469	Exciton localization in semimagnetic semiconductors probed by magnetic polarons. <i>Physical Review B</i> , 1999, 60, 16499-16505.	1.1	51
470	Polariton reflectance spectra from thin ZnSxSe1-x layers. <i>Physics of the Solid State</i> , 1998, 40, 798-799.	0.2	1
471	Magnetic polarons in semimagnetic-semiconductor-based heterostructures. <i>Physics of the Solid State</i> , 1998, 40, 734-736.	0.2	4
472	Optical studies of ZnSe/ZnMgSse-based quantum-well semiconductor heterostructures. <i>Physics of the Solid State</i> , 1998, 40, 745-746.	0.2	7
473	Trions in quantum-well structures with two-dimensional electron gas. <i>Physics of the Solid State</i> , 1998, 40, 747-749.	0.2	1
474	Influence of nonequilibrium phonons on exciton luminescence in CdTe/CdMnTe quantum wells. <i>Physics of the Solid State</i> , 1998, 40, 750-753.	0.2	0
475	Resonant optical orientation and alignment of excitons in superlattices. <i>Physics of the Solid State</i> , 1998, 40, 2024-2030.	0.2	3
476	Combined exciton-electron excitation in quantum wells with a two-dimensional electron gas of low density. <i>Superlattices and Microstructures</i> , 1998, 23, 283-287.	1.4	2
477	Optically detected magnetic resonance of excess electrons in type-I quantum wells with a low-density electron gas. <i>Physical Review B</i> , 1998, 58, R1766-R1769.	1.1	57
478	Exciton magnetic polarons in (100)- and (120)-oriented semimagnetic digital alloys (Cd,Mn)Te. <i>Physical Review B</i> , 1998, 58, 4785-4792.	1.1	16
479	Model Study of Inhomogeneous Line Broadening in Excitonic Spectra of Quantum Wells. <i>Acta Physica Polonica A</i> , 1998, 94, 235-239.	0.2	2
480	Optical Anisotropy of ZnSe/BeTe Superlattices Probed by Excitonic Spectroscopy. <i>Acta Physica Polonica A</i> , 1998, 94, 479-482.	0.2	8
481	Optically Detected Magnetic Resonance of Excess Electrons in CdTe/(Cd,Mg)Te Quantum Wells. <i>Acta Physica Polonica A</i> , 1998, 94, 351-354.	0.2	0
482	Effect of spin-glass order on magnetic polarons in semimagnetic semiconductors. <i>Physical Review B</i> , 1997, 55, 10519-10527.	1.1	10
483	Luminescence detection of nonequilibrium phonons in CdTe/Cd0.6Mn0.4Te semimagnetic quantum wells. <i>Physical Review B</i> , 1997, 56, 12100-12103.	1.1	12
484	Picosecond dynamics of magnetic polarons governed by energy transfer to the Zeeman reservoir. <i>Physical Review B</i> , 1997, 56, 9782-9788.	1.1	27
485	Electron and hole factors measured by spin-flip Raman scattering in CdTe/Cd1-xMgxTe single quantum wells. <i>Physical Review B</i> , 1997, 56, 2114-2119.	1.1	150
486	Combined Exciton-Cyclotron Resonance in Quantum Well Structures. <i>Physical Review Letters</i> , 1997, 79, 3974-3977.	2.9	95

#	ARTICLE	IF	CITATIONS
487	Resonance optical spectroscopy of long-period quantum-well structures. <i>Physics of the Solid State</i> , 1997, 39, 1852-1858.	0.2	34
488	Luminescence polarization and spontaneous lowering of symmetry caused by magnetic-polaron formation in semimagnetic-semiconductor quantum wells. <i>Physics of the Solid State</i> , 1997, 39, 1859-1863.	0.2	11
489	Spin relaxation of Mn ions in (CdMn)Te/(CdMg)Te quantum wells under picosecond optical pumping. <i>Journal of Experimental and Theoretical Physics</i> , 1997, 85, 784-796.	0.2	14
490	Differential magnetoreflexion spectroscopy of doped and undoped II-VI semiconductor quantum wells. <i>JETP Letters</i> , 1997, 65, 45-52.	0.4	1
491	Giant blue shift of photoluminescence in strongly excited type-II ZnSe/BeTe superlattices. <i>JETP Letters</i> , 1997, 66, 376-381.	0.4	23
492	Growth by molecular beam epitaxy and magneto-optical studies of (100)- and (120)-oriented digital magnetic quantum well structures. <i>Thin Solid Films</i> , 1997, 306, 283-290.	0.8	6
493	Combined Exciton-Electron Processes in Modulation-Doped QW Structures. <i>Physica Status Solidi A</i> , 1997, 164, 213-216.	1.7	3
494	Novel CdTe/CdMgTe Graded Quantum Well Structures. <i>Acta Physica Polonica A</i> , 1997, 92, 1063-1066.	0.2	13
495	Exciton States in Type-II ZnSe/BeTe Quantum Wells. <i>Acta Physica Polonica A</i> , 1997, 92, 953-957.	0.2	7
496	Investigation of Spin-Glass Transition in Semimagnetic Quantum Wells Based on Cd _{1-x} Mn _x Te by Means of Optical Spectroscopy. <i>Acta Physica Polonica A</i> , 1997, 92, 1075-1078.	0.2	0
497	Magneto-optical studies of semimagnetic superlattices. <i>Solid-State Electronics</i> , 1996, 40, 35-41.	0.8	0
498	Dynamics of exciton magnetic polarons in quantum wells. <i>Journal of Crystal Growth</i> , 1996, 159, 976-979.	0.7	11
499	Hierarchy of relaxation times in the system of Mn-ion spins in photoexcited semimagnetic quantum wells. <i>Physical Review B</i> , 1996, 54, R8333-R8336.	1.1	25
500	Interparticle interaction in spin-aligned and spin-degenerate exciton systems and magnetoplasmas in II-VI quantum wells. <i>Physical Review B</i> , 1996, 54, 4981-4987.	1.1	12
501	Effect of Spin-Glass Phase Formation on Exciton Magnetic Polaron in (Cd,Mn)Te. <i>Acta Physica Polonica A</i> , 1996, 90, 755-758.	0.2	0
502	Interparticle interaction in spin-aligned and spin-degenerate exciton systems in II-VI quantum wells. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1995, 17, 1543-1547.	0.4	1
503	Magnetic-field-induced dissociation of bound excitons in semi-magnetic semiconductor quantum wells. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1995, 17, 1549-1553.	0.4	6
504	Double 2s-1s resonance in LO-phonon-assisted secondary emission of excitons in CdTe/(Cd, Mn) Te MQW structures. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1995, 17, 1787-1790.	0.4	0

#	ARTICLE	IF	CITATIONS
505	Renormalization effects in dense neutral magnetoplasma photoexcited in CdTe/CdMnTe quantum wells. <i>Physica Status Solidi (B): Basic Research</i> , 1995, 188, 565-570.	0.7	8
506	Photoinduced inversion of magnetic hysteresis in semimagnetic superlattices. <i>Solid State Communications</i> , 1995, 96, 935-941.	0.9	1
507	Exciton magnetic polarons in CdTe/Cd $_{1-x}$ Mn $_x$ Te quantum wells with high manganese contents. <i>Solid State Communications</i> , 1995, 96, 297-304.	0.9	14
508	Double 2s-1s resonance in LO-phonon-assisted secondary emission of quantum-well structures. <i>Physical Review B</i> , 1995, 52, 5773-5776.	1.1	7
509	Low-temperature anti-Stokes luminescence mediated by disorder in semiconductor quantum-well structures. <i>Physical Review B</i> , 1995, 51, 18053-18056.	1.1	92
510	Exciton magnetic polarons in short-period CdTe/Cd $_{1-x}$ Mn $_x$ Te superlattices. <i>Physical Review B</i> , 1995, 52, 12033-12038.	1.1	22
511	Effect of Magnetic Polaron Formation on the Exciton Mobility Edge in Cd $_{1-x}$ Mn $_x$ Te. <i>Acta Physica Polonica A</i> , 1995, 87, 265-268.	0.2	2
512	Exciton Magnetic Polaron Features in Photoluminescence Excitation Spectra of CdTe/(CdMn)Te Quantum Wells with High Mn Contents. <i>Acta Physica Polonica A</i> , 1995, 88, 849-852.	0.2	2
513	Exciton magnetic polarons in the semimagnetic alloys Cd $_{1-x}$ Mn $_x$ Te. <i>Physical Review B</i> , 1994, 50, 14069-14076.	1.1	40
514	Exciton dynamics in disordered quantum wells: Localized and delocalized regimes. <i>Physical Review B</i> , 1994, 50, 14651-14654.	1.1	9
515	Giant exciton resonance reflectance in Bragg MQW structures. <i>Superlattices and Microstructures</i> , 1994, 15, 471-473.	1.4	35
516	Transient-four-wave-mixing studies of GaAs micro-crystallites. <i>Solid State Communications</i> , 1994, 92, 467-471.	0.9	9
517	Light induced inversion of magnetic hysteresis in CdTe/(Cd,Mn)Te superlattices. <i>Solid-State Electronics</i> , 1994, 37, 1081-1085.	0.8	7
518	Dephasing of excitons in a CdTe/Cd $_{0.86}$ Mn $_{0.14}$ Te multiple quantum well. <i>Journal of Crystal Growth</i> , 1994, 138, 791-795.	0.7	9
519	Localized exciton magnetic polarons in Cd $_{1-x}$ Mn $_x$ Te. <i>Physical Review B</i> , 1994, 49, 10248-10258.	1.1	138
520	Excitonic quantum beats in Quantum wells. <i>Solid State Communications</i> , 1993, 88, 515-519.	0.9	9
521	Exciton magnetic polarons in semimagnetic quantum wells with nonmagnetic and semimagnetic barriers. <i>Solid State Communications</i> , 1993, 88, 221-225.	0.9	34
522	Time resolved photoluminescence studies of perpendicular transport in CdTe/Cd $_{1-x}$ Mn $_x$ Te short-period superlattices. <i>Journal of Applied Physics</i> , 1993, 74, 5272-5274.	1.1	4

#	ARTICLE	IF	CITATIONS
523	Homogeneous linewidth of excitons in semimagnetic CdTe/Cd _{1-x} MnxTe multiple quantum wells. Physical Review B, 1993, 48, 2847-2850.	1.1	52
524	Exciton magnetic polarons in semimagnetic quantum wells and superlattices. European Physical Journal Special Topics, 1993, 03, 67-74.	0.2	4
525	Effect of the electron Coulomb potential on hole confinement in II-VI quantum wells. Physical Review B, 1992, 46, 9788-9791.	1.1	10
526	Exciton oscillator strength in magnetic-field-induced spin superlattices CdTe/(Cd,Mn)Te. Physical Review B, 1992, 46, 7713-7722.	1.1	94
527	Exciton lifetimes in CdTe/CdMnTe single quantum wells. Applied Physics Letters, 1992, 61, 2929-2931.	1.5	34
528	Two dimensional magnetic polarons in semimagnetic quantum well structures. , 1992, , 251-264.		5
529	<title>Effect of Coulomb potential well on exchange-induced properties of CdTe/(Cd,Mn)Te quantum wells</title>. , 1992, 1675, 477.		0
530	<title>Two-dimensional exciton magnetic polaron dynamics in thin CdTe/(Cd,Mn)Te quantum wells</title>. , 1992, , .		1
531	Two-dimensional exciton magnetic polaron in semimagnetic quantum wells. Surface Science, 1992, 263, 485-490.	0.8	19
532	Two dimensional exciton magnetic polaron in CdTe/Cd _{1-x} MnxTe quantum well structures. Solid State Communications, 1992, 82, 29-32.	0.9	54
533	Oscillator strength study of the 2D→3D exciton transition in CdTe/(Cd,Mn)Te quantum wells and superlattices. Solid State Communications, 1992, 81, 639-642.	0.9	11
534	Dynamics of two-dimensional exciton magnetic polaron in CdTe/(Cd,Mn)Te quantum wells. Journal of Crystal Growth, 1992, 117, 854-858.	0.7	23
535	Resonant reflectivity study of exciton oscillator strength in CdTe/(Cd,Mn)Te quantum wells and superlattices. Journal of Crystal Growth, 1992, 117, 877-880.	0.7	5
536	Photo-assisted molecular beam epitaxy of CdTe/CdMnTe heterostructures. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1991, 9, 179-183.	1.7	2
537	Polarized Luminescence Study of Shallow Acceptors in Short-Period Superlattices. Materials Science Forum, 1991, 65-66, 111-116.	0.3	1
538	Molecular beam epitaxial growth of ultrathin CdTe/CdMnTe quantum wells and their characterization. Applied Physics Letters, 1991, 59, 2995-2997.	1.5	38
539	Reflectivity and Photorefectivity in Superlattices and Quantum Wells. Physica Status Solidi (B): Basic Research, 1990, 161, 217-221.	0.7	17
540	First observation and experimental proof of free magnetic polaron formation in CdTe/(Cd, Mn)Te quantum wells. Solid State Communications, 1990, 76, 325-329.	0.9	34

#	ARTICLE	IF	CITATIONS
541	Optical phenomena elucidating carrier transport in short-period superlattices. Surface Science, 1990, 229, 459-463.	0.8	2
542	Exciton longitudinal-transverse splitting in GaAs/AlGaAs superlattices and multiple quantum wells. Solid State Communications, 1989, 70, 529-534.	0.9	69
543	Exciton Parameters and Electron Miniband Structure of GaAs/AlGaAs Superlattices. Physica Status Solidi (B): Basic Research, 1988, 150, 673-678.	0.7	29
544	Donor-interface acceptor pair emission in the abrupt heterointerface. Journal of Luminescence, 1988, 40-41, 747-748.	1.5	7
545	Recombination Processes in GaAs/AlGaAs Multi-Quantum Well Structures. , 1988, , 87-93.		4
546	Electron Spin Quantum Bits in Quantum Dots: Initialization, Decoherence, and Control. , 0, , 111-149.		0
547	Submillisecond Spin Relaxation in CsPb(Cl,Br) ₃ Perovskite Nanocrystals in a Glass Matrix. Nano Letters, 0, , .	4.5	6