

Mikhail Glazov

List of Publications by Year in descending order

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papers

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41627

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220
times ranked

7594
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	Valley and spin accumulation in ballistic and hydrodynamic channels. <i>2D Materials</i> , 2022, 9, 015027.	2.0	7
3	Electron recoil effect in electrically tunable MoSe_2 monolayers. <i>Physical Review B</i> , 2022, 105, .	1.1	1
4	Spin-Selective Currents of Tamm Polaritons. <i>Physical Review Applied</i> , 2022, 17, .	1.5	3
5	Impact of Photon Recycling, Grain Boundaries, and Nonlinear Recombination on Energy Transport in Semiconductors. <i>ACS Photonics</i> , 2022, 9, 110-122.	3.2	13
6	Nuclear-spin polaron formation: Anisotropy effects and quantum phase transition. <i>Physical Review B</i> , 2022, 105, .	1.1	0
7	Flexural deformations and collapse of bilayer two-dimensional crystals by interlayer excitons. <i>Physical Review B</i> , 2022, 105, .	1.1	4
8	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
9	Valley polarization fluctuations, bistability, and switching in two-dimensional semiconductors. <i>Physical Review B</i> , 2022, 106, .	1.1	1
10	Valley Orientation of Electrons and Excitons in Atomically Thin Transition Metal Dichalcogenide Monolayers (Brief Review). <i>JETP Letters</i> , 2021, 113, 7-17.	0.4	19
11	Efficient phonon cascades in WSe_2 monolayers. <i>Nature Communications</i> , 2021, 12, 538.	5.8	34
12	Control of the exciton valley dynamics in atomically thin semiconductors by tailoring the environment. <i>Physical Review B</i> , 2021, 103, .	1.1	15
13	Optical spin control and coherence properties of acceptor bound holes in strained GaAs. <i>Physical Review B</i> , 2021, 103, .	1.1	5
14	Anomalous light-induced broadening of the spin-noise resonance in cesium vapor. <i>Physical Review A</i> , 2021, 103, .	1.0	4
15	Tuning absorption and emission in monolayer semiconductors: a brief survey. <i>Comptes Rendus Physique</i> , 2021, 22, 43-52.	0.3	0
16	Nonclassical Exciton Diffusion in Monolayer WSe_2 . <i>Physical Review Letters</i> , 2021, 127, 076801.	2.9	40
17	Spatiotemporal dynamics of free and bound excitons in CVD-grown MoS_2 monolayer. <i>Applied Physics Letters</i> , 2021, 119, .	1.5	4
18	Theory of optically detected spin noise in nanosystems. <i>Physics-Usppekhi</i> , 2021, 64, 923-946.	0.8	17

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19	Upconversion of Light into Bright Intravalley Excitons via Dark Intervalley Excitons in hBN-Encapsulated WSe ₂ Monolayers. ACS Nano, 2021, 15, 19165-19174.	7.3	18
20	Collective states of excitons in semiconductors. Physics-Usppekhi, 2021, 63, 1051-1071.	0.8	13
21	Highly superlinear giant terahertz photoconductance in GaAs quantum point contacts in the deep tunneling regime. Physical Review B, 2021, 104, .	1.1	2
22	Interlayer exciton mediated second harmonic generation in bilayer MoS ₂ . Nature Communications, 2021, 12, 6894.	5.8	38
23	Polarized edge state emission from topological spin phases of trapped Rydberg excitons in CuO . Physical Review B, 2020, 102, .	1.1	2
24	Kinetic approach to nuclear-spin polaron formation. Physical Review B, 2020, 102, .	1.1	4
25	Valley Hall effect caused by the phonon and photon drag. Physical Review B, 2020, 102, .	1.1	18
26	Skew Scattering and Side Jump Drive Exciton Valley Hall Effect in Two-Dimensional Crystals. Physical Review Letters, 2020, 125, 157403.	2.9	17
27	Optical properties of charged excitons in two-dimensional semiconductors. Journal of Chemical Physics, 2020, 153, 034703.	1.2	76
28	Interlayer Exciton "Polaron" in Atomically Thin Semiconductors. Annalen Der Physik, 2020, 532, 2000339.	0.9	9
29	Quantitative STEM Imaging and Multislice Simulation of Stacking Fault Defects for Exciton Trapping in GaAs. Microscopy and Microanalysis, 2020, 26, 2822-2823.	0.2	0
30	Exciton diffusion in monolayer semiconductors with suppressed disorder. Physical Review B, 2020, 101, .	1.1	74
31	Magneto-Stark and Zeeman effect as origin of second harmonic generation of excitons in CuO . Physical Review B, 2020, 101, .	1.1	2
32	Microscopic model for the stacking-fault potential and the exciton wave function in GaAs. Physical Review B, 2020, 101, .	1.1	2
33	Quantum Interference Effect on Exciton Transport in Monolayer Semiconductors. Physical Review Letters, 2020, 124, 166802.	2.9	26
34	Autoionization and Dressing of Excited Excitons by Free Carriers in Monolayer WSe_2 . Physical Review Letters, 2020, 125, 267401.	2.9	26
35	Spin-alignment noise in atomic vapor. Physical Review Research, 2020, 2, .	1.3	17
36	Cavity-control of interlayer excitons in van der Waals heterostructures. Nature Communications, 2019, 10, 3697.	5.8	58

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37	Phonon wind and drag of excitons in monolayer semiconductors. Physical Review B, 2019, 100, .	1.1	44
38	Control of the Exciton Radiative Lifetime in van der Waals Heterostructures. Physical Review Letters, 2019, 123, 067401.	2.9	85
39	Intervalley polaron in atomically thin transition metal dichalcogenides. Physical Review B, 2019, 100, .	1.1	13
40	Optical valley Hall effect for highly valley-coherent exciton-polaritons in an atomically thin semiconductor. Nature Nanotechnology, 2019, 14, 770-775.	15.6	87
41	Topological Spin Phases of Trapped Rydberg Excitons in Cu_2O . Physical Review Letters, 2019, 123, 126801.	2.8	56
42	Intrinsic and magnetic-field-induced linear polarization of excitons in ultrathin indirect-gap type-II GaAs/AlAs quantum wells. Physical Review B, 2019, 99, .	1.1	5
43	Coherent spin dynamics of electrons and holes in CsPbBr ₃ perovskite crystals. Nature Communications, 2019, 10, 673.	5.8	100
44	Magnetic control of polariton spin transport. Communications Physics, 2019, 2, .	2.0	15
45	Microscopic dynamics of electron hopping in a semiconductor quantum well probed by spin-dependent photon echoes. Physical Review B, 2019, 100, .	1.1	9
46	Homogenization of Doppler broadening in spin-noise spectroscopy. Physical Review A, 2018, 97, .	1.0	9
47	Fluctuations of tunneling currents in photonic and polaritonic systems. Physical Review B, 2018, 97, .	1.1	3
48	Colloquium: Excitons in atomically thin transition metal dichalcogenides. Reviews of Modern Physics, 2018, 90, .	16.4	1,292
49	Spin and reoccupation noise in a single quantum dot beyond the fluctuation-dissipation theorem. Physical Review B, 2018, 97, .	1.1	18
50	Excitons and trions in two-dimensional semiconductors based on transition metal dichalcogenides. Physics-Uspekhi, 2018, 61, 825-845.	0.8	47
51	Exciton States in Monolayer $MoSe_2$ and $MoTe_2$ Probed by Upconversion Spectroscopy. Physical Review X, 2018, 8, .	2.8	56
52	Spin inertia of resident and photoexcited carriers in singly charged quantum dots. Physical Review B, 2018, 98, .	1.1	23
53	Theory of spin inertia in singly charged quantum dots. Physical Review B, 2018, 98, .	1.1	22
54	Exciton Diffusion and Halo Effects in Monolayer Semiconductors. Physical Review Letters, 2018, 120, 207401.	2.9	193

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55	Dissociation of excitons in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Cu} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:math} \text{mathvariant="normal"} \rangle \text{O} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ by an electric field. Physical Review B, 2018, 98, .	1.1	14
56	Zeeman Splitting and Inverted Polarization of Biexciton Emission in Monolayer $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{WS} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$ Physical Review Letters, 2018, 121, 057402.	2.9	70
57	Influence of the Wavefunction Distribution on Exciton Dissociation in Electric Field. Physics of the Solid State, 2018, 60, 1506-1509.	0.2	1
58	Exciton Condensation in a Two-Dimensional System with Disorder. Journal of Experimental and Theoretical Physics, 2018, 126, 833-841.	0.2	5
59	Electron spin noise under the conditions of nuclei-induced frequency focusing. Physical Review B, 2018, 98, .	1.1	5
60	Observation of exciton-phonon coupling in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{MoSe} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:math} \text{mathvariant="normal"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Te} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:math} \text{mathvariant="normal"} \rangle$ monolayers. Physical Review B, 2018, 98, .	1.1	103
61	Two-dimensional semiconductors in the regime of strong light-matter coupling. Nature Communications, 2018, 9, 2695.	5.8	256
62	Breakdown of the Static Approximation for Free Carrier Screening of Excitons in Monolayer Semiconductors. Physica Status Solidi (B): Basic Research, 2018, 255, 1800216.	0.7	22
63	Electrically tunable dynamic nuclear spin polarization in GaAs quantum dots at zero magnetic field. Applied Physics Letters, 2018, 112, 142103.	1.5	1
64	Third harmonic generation on exciton-polaritons in bulk semiconductors subject to a magnetic field. Physical Review B, 2018, 98, .	1.1	9
65	Quantum Interference Controls the Electron Spin Dynamics in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \rangle \langle \text{mml:mi} \rangle n \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -GaAs. Physical Review X, 2018, 8, .	2.8	9
66	Nuclear spin noise in the central spin model. Physical Review B, 2018, 97, .	1.1	12
67	Electron & Nuclear Spin Dynamics in Semiconductor Nanostructures. , 2018, , .		24
68	Optical spectroscopy of excited exciton states in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{MoS} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:math} \text{mathvariant="normal"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Te} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:math} \text{mathvariant="normal"} \rangle$ monolayers in van der Waals heterostructures. Physical Review Materials, 2018, 2, .	1.1	17
69	Stochastic Faraday rotation induced by the electric current fluctuations in nanosystems. Physical Review B, 2017, 95, .	1.1	5
70	Enabling valley selective exciton scattering in monolayer WSe2 through upconversion. Nature Communications, 2017, 8, 14927.	5.8	124
71	High-resolution study of the yellow excitons in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Cu} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:math} \text{mathvariant="normal"} \rangle \text{O} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ subject to an electric field. Physical Review B, 2017, 95, .	1.1	48
72	Scaling laws of Rydberg excitons. Physical Review B, 2017, 96, .	1.1	56

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73	In-Plane Propagation of Light in Transition Metal Dichalcogenide Monolayers: Optical Selection Rules. Physical Review Letters, 2017, 119, 047401.	2.9	257
74	Spin dynamics and magnetic field induced polarization of excitons in ultrathin GaAs/AlAs quantum wells with indirect band gap and type-II band alignment. Physical Review B, 2017, 96, .	1.1	21
75	Charged excitons in monolayer WSe_2 : Experiment and theory. Physical Review B, 2017, 96, .	1.1	21
76	Ferromagnetism in the vicinity of Lifshitz topological transitions. Physical Review B, 2017, 96, .	1.1	0
77	Nonequilibrium spin noise in a quantum dot ensemble. Physical Review B, 2017, 95, .	1.1	16
78	Intrinsic exciton-state mixing and nonlinear optical properties in transition metal dichalcogenide monolayers. Physical Review B, 2017, 95, .	1.1	60
79	Spin fluctuations of nonequilibrium electrons and excitons in semiconductors. Journal of Experimental and Theoretical Physics, 2016, 122, 472-483.	0.2	21
80	Hyperfine coupling of hole and nuclear spins in symmetric (111)-grown GaAs quantum dots. Physical Review B, 2016, 94, .	1.1	11
81	Spin dynamics of hopping electrons in quantum wires: Algebraic decay and noise. Physical Review B, 2016, 94, .	1.1	12
82	Longitudinal spin relaxation of donor-bound electrons in direct band-gap semiconductors. Physical Review B, 2016, 94, .	1.1	28
83	Giant permanent dipole moment of two-dimensional excitons bound to a single stacking fault. Physical Review B, 2016, 94, .	1.1	14
84	Magneto spectroscopy of excited states in charge-tunable GaAs/AlGaAs [111] quantum dots. Physical Review B, 2016, 93, .	1.1	10
85	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
86	Spin-dependent coherent transport of two-dimensional excitons. Physical Review B, 2016, 93, .	1.1	7
87	Spin noise of electrons and holes in (In,Ga)As quantum dots: Experiment and theory. Physical Review B, 2016, 93, .	1.1	33
88	Spin noise of a polariton laser. Physical Review B, 2016, 93, .	1.1	8
89	Spin and valley polarization in MoS ₂ , MoSe ₂ , and WSe ₂ monolayers (Conference Presentation)., 2016, .		0
90	Spin noise explores local magnetic fields in a semiconductor. Scientific Reports, 2016, 6, 21062.	1.6	38

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91	Stacking Faults as a Novel 2D Potential for Excitons. , 2016, , .		0
92	Spin and valley dynamics of excitons in transition metal dichalcogenide monolayers. Physica Status Solidi (B): Basic Research, 2015, 252, 2349-2362.	0.7	107
93	Spin waves in semiconductor microcavities. Physical Review B, 2015, 91, .	1.1	7
94	Spin noise of localized electrons: Interplay of hopping and hyperfine interaction. Physical Review B, 2015, 91, .	1.1	19
95	Theory of optical spin control in quantum dot microcavities. Physical Review B, 2015, 92, .	1.1	15
96	Double Resonant Raman Scattering and Valley Coherence Generation in Monolayer WSe_2 . Physical Review Letters, 2015, 115, 117401.	2.9	64
97	Interplay of Electron and Nuclear Spin Noise in n -Type GaAs. Physical Review Letters, 2015, 115, 176601.	2.9	33
98	Observation of High Angular Momentum Excitons in Cuprous Oxide. Physical Review Letters, 2015, 115, 027402.	2.9	79
99	Rabi Oscillations Lifetime Improvement in a System of Exciton Polaritons. EPJ Web of Conferences, 2015, 103, 07001.	0.1	0
100	Measurements of nuclear spin dynamics by spin-noise spectroscopy. Applied Physics Letters, 2015, 106, .	1.5	33
101	Magneto-optics in transition metal diselenide monolayers. 2D Materials, 2015, 2, 034002.	2.0	126
102	Macroscopic rotation of photon polarization induced by a single spin. Nature Communications, 2015, 6, 6236.	5.8	73
103	Linear optics, Raman scattering, and spin noise spectroscopy. Optics Express, 2015, 23, 11713.	1.7	27
104	Giant Polarization Rotation Induced by a Single Spin: a Cavity-Based Spin-Photon Interface. , 2015, , .		0
105	Qubits Based on Polariton Rabi Oscillators. Physical Review Letters, 2014, 112, 196403.	2.9	50
106	Exciton spin noise in quantum wells. Physical Review B, 2014, 90, .	1.1	15
107	Spin injection via (110)-grown semiconductor barriers. Physical Review B, 2014, 89, .	1.1	6
108	Spin-orbit splitting of valence subbands in semiconductor nanostructures. Physical Review B, 2014, 89, .	1.1	62

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109	Spin noise spectroscopy of a single quantum well microcavity. Physical Review B, 2014, 89, .	1.1	55
110	Effect of exchange interaction on the spin fluctuations of localized electrons. Physics of the Solid State, 2014, 56, 254-262.	0.2	19
111	Cyclotron-resonance-assisted photon drag effect in InSb/InAlSb quantum wells excited by terahertz radiation. Physical Review B, 2014, 89, .	1.1	10
112	Spin noise in a quantum dot ensemble: From a quantum mechanical to a semi-classical description. Physica Status Solidi (B): Basic Research, 2014, 251, 1270-1275.	0.7	16
113	High frequency electric field induced nonlinear effects in graphene. Physics Reports, 2014, 535, 101-138.	10.3	369
114	Exciton valley dynamics probed by Kerr rotation in WSe_2 monolayers. Physical Review B, 2014, 90, .	1.1	246
115	Quantum oscillations of photocurrents in HgTe quantum wells with Dirac and parabolic dispersions. Physical Review B, 2014, 90, .	1.1	27
116	Charge tuning in [111] grown GaAs droplet quantum dots. Applied Physics Letters, 2014, 105, 082111.	1.5	12
117	Exciton fine structure and spin decoherence in monolayers of transition metal dichalcogenides. Physical Review B, 2014, 89, .	1.1	234
118	Spin noise of exciton polaritons in microcavities. Physical Review B, 2013, 88, .	1.1	34
119	Nondestructive Measurement of Nuclear Magnetization by Off-Resonant Faraday Rotation. Physical Review Letters, 2013, 111, 087603.	2.9	23
120	Collective effects in emission of localized excitons strongly coupled to a microcavity photon. New Journal of Physics, 2013, 15, 025016.	1.2	5
121	Element-sensitive measurement of the hole's nuclear spin interaction in quantum dots. Nature Physics, 2013, 9, 74-78.	6.5	70
122	Magnetic field induced valence band mixing in [111] grown semiconductor quantum dots. Physical Review B, 2013, 87, .	1.1	24
123	Coherence Expansion and Polariton Condensate Formation in a Semiconductor Microcavity. Physical Review Letters, 2013, 110, 137402.	2.9	26
124	Proposal for a Bosonic Cascade Laser. Physical Review Letters, 2013, 110, 047402.	2.9	61
125	Coherent spin dynamics in semiconductor quantum dots. Journal of Applied Physics, 2013, 113, 136503.	1.1	9
126	Magnetic field induced nutation of exciton-polariton polarization in (Cd,Zn)Te crystals. Physical Review B, 2013, 88, .	1.1	10

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127	Electron spin synchronization induced by optical nuclear magnetic resonance feedback. Physical Review B, 2012, 85, .	1.1	35
128	Spin dynamics in two-dimensional electron and hole systems revealed by resonant spin amplification. , 2012, , .		1
129	Strongly anisotropic spin relaxation revealed by resonant spin amplification in (110) GaAs quantum wells. Physical Review B, 2012, 85, .	1.1	34
130	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
131	Giant Zeeman splitting of light holes in GaAs/AlGaAs quantum wells. Physica E: Low-Dimensional Systems and Nanostructures, 2012, 44, 797-802.	1.3	20
132	Spin noise in quantum dot ensembles. Physical Review B, 2012, 86, .	1.1	48
133	Spin coherence generation and detection in spherical nanocrystals. Journal of Physics Condensed Matter, 2012, 24, 345302.	0.7	5
134	Vertical Cavity Surface Emitting Terahertz Laser. Physical Review Letters, 2012, 108, 197401.	2.9	57
135	Magnetoresistance of two-dimensional electrons with spin-orbit coupling disorder. Journal of Physics: Conference Series, 2012, 393, 012008.	0.3	0
136	Giant photoinduced Faraday rotation due to the spin-polarized electron gas in an n -GaAs microcavity. Physical Review B, 2012, 85, .	1.1	31
137	Coherent spin dynamics of electrons and excitons in nanostructures (a review). Physics of the Solid State, 2012, 54, 1-27.	0.2	59
138	Fermi-edge polaritons in Bragg multiple-quantum-well structures. Solid State Communications, 2012, 152, 395-398.	0.9	5
139	Terahertz Radiation Driven Chiral Edge Currents in Graphene. Physical Review Letters, 2011, 107, 276601.	2.9	118
140	Terahertz radiation induced edge currents in graphene. , 2011, , .		0
141	Helicity-dependent photocurrents in graphene layers excited by midinfrared radiation of a CO ₂ laser. Physical Review B, 2011, 84, .	1.1	84
142	Effect of Coulomb interaction on exciton-polariton condensates in GaAs pillar microcavities. Physical Review B, 2011, 84, .	1.1	41
143	Dark-Bright Mixing of Interband Transitions in Symmetric Semiconductor Quantum Dots. Physical Review Letters, 2011, 107, 166604.	2.9	41
144	Spin-current generation from Coulomb-Rashba interaction in semiconductor bilayers. Physical Review B, 2011, 84, .	1.1	8

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145	Cyclotron effect on coherent spin precession of two-dimensional electrons. AIP Conference Proceedings, 2011, , .	0.3	0
146	Anisotropic spin dephasing in a (110)-grown high-mobility GaAs/AlGaAs quantum well measured by resonant spin amplification technique. , 2011, , .		1
147	Second harmonic generation in graphene. JETP Letters, 2011, 93, 366-371.	0.4	98
148	Purcell factor in small metallic cavities. Physics of the Solid State, 2011, 53, 1753-1760.	0.2	21
149	Theory of Spin Noise in Nanowires. Physical Review Letters, 2011, 107, 156602.	2.9	41
150	Delay and distortion of slow light pulses by excitons in ZnO. Physical Review B, 2011, 84, .	1.1	15
151	Generation and detection of mode-locked spin coherence in (In,Ga)As/GaAs quantum dots by laser pulses of long duration. Physical Review B, 2011, 84, .	1.1	13
152	Excitonic parameters of GaN studied by time-of-flight spectroscopy. Applied Physics Letters, 2011, 99, 101108.	1.5	6
153	Dynamic Hall Effect Driven by Circularly Polarized Light in a Graphene Layer. Physical Review Letters, 2010, 105, 227402.	2.9	150
154	Two-dimensional electron gas with spin-orbit coupling disorder. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 2157-2177.	1.3	98
155	Spin-dependent polariton-polariton scattering in planar microcavities. Superlattices and Microstructures, 2010, 47, 1-4.	1.4	0
156	Fine structure of emission lines from charged CdSe/ZnSe/ZnMnSe quantum dots. Physica Status Solidi (B): Basic Research, 2010, 247, 1535-1538.	0.7	2
157	Spin relaxation in multiple (110) quantum wells. Physical Review B, 2010, 81, .	1.1	20
158	Spin dynamics of electrons and holes in InGaAs/GaAs quantum wells at millikelvin temperatures. Physical Review B, 2010, 81, .	1.1	26
159	The fine structure of two-electron states in single and double quantum dots. Journal of Physics Condensed Matter, 2010, 22, 025301.	0.7	11
160	Photon helicity driven currents in graphene. , 2010, , .		1
161	Optical control of electron spin coherence in CdTe/(Cd,Mg)Te quantum wells. Physical Review B, 2010, 81, .	1.1	25
162	Spin and transport effects in quantum microcavities with polarization splitting. Physical Review B, 2010, 82, .	1.1	12

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163	Nonlinear emission spectra of quantum dots strongly coupled to a photonic mode. Physical Review B, 2010, 82, .	1.1	25
164	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
165	Cyclotron effect on coherent spin precession of two-dimensional electrons. Physical Review B, 2009, 80, .	1.1	19
166	Spin-orbit interaction and weak localization in heterostructures. Semiconductor Science and Technology, 2009, 24, 064007.	1.0	27
167	Collective modes of quantum dot ensembles in microcavities. Journal of Experimental and Theoretical Physics, 2009, 108, 836-844.	0.2	28
168	Pump-probe Faraday rotation and ellipticity in an ensemble of singly charged quantum dots. Physical Review B, 2009, 80, .	1.1	84
169	Spin-orbit effect on electron-electron interaction and the fine structure of electron complexes in quantum dots. Physical Review B, 2009, 79, .	1.1	25
170	Electron-electron scattering effect on spin relaxation in multi-valley nanostructures. Europhysics Letters, 2009, 87, 57005.	0.7	5
171	Polariton-polariton scattering in microcavities: A microscopic theory. Physical Review B, 2009, 80, .	1.1	58
172	Spin splitting and weak localization in 2D heterostructures. Physica E: Low-Dimensional Systems and Nanostructures, 2008, 40, 1490-1491.	1.3	1
173	Resonant spin amplification in nanostructures with anisotropic spin relaxation and spread of the electronic g factor. Semiconductors, 2008, 42, 951-957.	0.2	32
174	Specific features of optical orientation and relaxation of electron spins in quantum wells with a large spin splitting. Semiconductors, 2008, 42, 958-966.	0.2	9
175	Time-resolved and continuous-wave optical spin pumping of semiconductor quantum wells. Semiconductor Science and Technology, 2008, 23, 114001.	1.0	30
176	Quantum and classical multiple-scattering effects in the spin dynamics of cavity polaritons. Physical Review B, 2008, 77, .	1.1	21
177	Magnetic field effect on polarization and dispersion of exciton-polaritons in planar microcavities. Physical Review B, 2008, 78, .	1.1	18
178	Resonant Light Delay in GaN with Ballistic and Diffusive Propagation. Physical Review Letters, 2008, 100, 087402.	2.9	24
179	FINE STRUCTURE OF EXCITED EXCITONIC STATES IN QUANTUM DISKS. International Journal of Nanoscience, 2007, 06, 265-268.	0.4	6
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