

Mikhail Glazov

List of Publications by Year in descending order

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218
papers

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36203

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6693
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Colloquium</i> : Excitons in atomically thin transition metal dichalcogenides. <i>Reviews of Modern Physics</i> , 2018, 90, .	16.4	1,292
2	High frequency electric field induced nonlinear effects in graphene. <i>Physics Reports</i> , 2014, 535, 101-138.	10.3	369
3	Optical Spin Hall Effect. <i>Physical Review Letters</i> , 2005, 95, 136601.	2.9	314
4	Observation of the optical spin Hall effect. <i>Nature Physics</i> , 2007, 3, 628-631.	6.5	308
5	In-Plane Propagation of Light in Transition Metal Dichalcogenide Monolayers: Optical Selection Rules. <i>Physical Review Letters</i> , 2017, 119, 047401.	2.9	257
6	Two-dimensional semiconductors in the regime of strong light-matter coupling. <i>Nature Communications</i> , 2018, 9, 2695.	5.8	256
7	Exciton valley dynamics probed by Kerr rotation in WSe_2 monolayers. <i>Physical Review B</i> , 2014, 90, .	1.1	246
8	Exciton fine structure and spin decoherence in monolayers of transition metal dichalcogenides. <i>Physical Review B</i> , 2014, 89, .	1.1	234
9	Charged excitons in monolayer WSe_2 : Experiment and theory. <i>Physical Review B</i> , 2017, 96, .	1.1	200
10	Exciton Diffusion and Halo Effects in Monolayer Semiconductors. <i>Physical Review Letters</i> , 2018, 120, 207401.	2.9	193
11	Dynamic Hall Effect Driven by Circularly Polarized Light in a Graphene Layer. <i>Physical Review Letters</i> , 2010, 105, 227402.	2.9	150
12	Magneto-optics in transition metal diselenide monolayers. <i>2D Materials</i> , 2015, 2, 034002.	2.0	126
13	Enabling valley selective exciton scattering in monolayer WSe_2 through upconversion. <i>Nature Communications</i> , 2017, 8, 14927.	5.8	124
14	Terahertz Radiation Driven Chiral Edge Currents in Graphene. <i>Physical Review Letters</i> , 2011, 107, 276601.	2.9	118
15	Spin-dependent resonant tunneling in symmetrical double-barrier structures. <i>Physical Review B</i> , 2005, 71, .	1.1	116
16	Precession spin relaxation mechanism caused by frequent electron-electron collisions. <i>JETP Letters</i> , 2002, 75, 403-405.	0.4	107
17	Spin and valley dynamics of excitons in transition metal dichalcogenide monolayers. <i>Physica Status Solidi (B): Basic Research</i> , 2015, 252, 2349-2362.	0.7	107
18	Observation of exciton-phonon coupling in $MoSe_2$ monolayers. <i>Physical Review B</i> , 2018, 98, .	1.1	105

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19	Coherent spin dynamics of electrons and holes in CsPbBr ₃ perovskite crystals. Nature Communications, 2019, 10, 673.	5.8	100
20	Two-dimensional electron gas with spin-orbit coupling disorder. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 2157-2177.	1.3	98
21	Second harmonic generation in graphene. JETP Letters, 2011, 93, 366-371.	0.4	98
22	Effect of electron-electron interaction on spin relaxation of charge carriers in semiconductors. Journal of Experimental and Theoretical Physics, 2004, 99, 1279-1290.	0.2	91
23	Spin coherence of a two-dimensional electron gas induced by resonant excitation of trions and excitons in CdTe. Physical Review Letters, 2011, 107, 077401.	1.1	83
24	Optical valley Hall effect for highly valley-coherent exciton-polaritons in an atomically thin semiconductor. Nature Nanotechnology, 2019, 14, 770-775.	15.6	87
25	Control of the Exciton Radiative Lifetime in van der Waals Heterostructures. Physical Review Letters, 2019, 123, 067401.	2.9	85
26	Pump-probe Faraday rotation and ellipticity in an ensemble of singly charged quantum dots. Physical Review B, 2009, 80, .	1.1	84
27	Helicity-dependent photocurrents in graphene layers excited by midinfrared radiation of a CO ₂ laser. Physical Review B, 2011, 84, .	1.1	84
28	Rotation of the plane of polarization of light in a semiconductor microcavity. Physical Review B, 2006, 73, .	1.1	79
29	Observation of High Angular Momentum Excitons in Cuprous Oxide. Physical Review Letters, 2015, 115, 027402.	2.9	79
30	Optical anisotropy and pinning of the linear polarization of light in semiconductor microcavities. Solid State Communications, 2006, 139, 511-515.	0.9	77
31	Enhanced spin-relaxation time due to electron-electron scattering in semiconductor quantum wells. Physical Review B, 2007, 75, .	1.1	76
32	Optical properties of charged excitons in two-dimensional semiconductors. Journal of Chemical Physics, 2020, 153, 034703.	1.2	76
33	Exciton diffusion in monolayer semiconductors with suppressed disorder. Physical Review B, 2020, 101, .	1.1	74
34	Optical spectroscopy of excited exciton states in MoS ₂ monolayers in van der Waals heterostructures. Physical Review Materials, 2018, 2, .	0.9	75
35	Macroscopic rotation of photon polarization induced by a single spin. Nature Communications, 2015, 6, 6236.	5.8	73
36	Element-sensitive measurement of the hole nuclear spin interaction in quantum dots. Nature Physics, 2013, 9, 74-78.	6.5	70

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55	Nonexponential spin relaxation in magnetic fields in quantum wells with random spin-orbit coupling. Physical Review B, 2005, 71, .	1.1	47
56	Excitons and trions in two-dimensional semiconductors based on transition metal dichalcogenides. Physics-Uspexhi, 2018, 61, 825-845.	0.8	47
57	Phonon wind and drag of excitons in monolayer semiconductors. Physical Review B, 2019, 100, .	1.1	44
58	Effect of Coulomb interaction on exciton-polariton condensates in GaAs pillar microcavities. Physical Review B, 2011, 84, .	1.1	41
59	Dark-Bright Mixing of Interband Transitions in Symmetric Semiconductor Quantum Dots. Physical Review Letters, 2011, 107, 166604.	2.9	41
60	Theory of Spin Noise in Nanowires. Physical Review Letters, 2011, 107, 156602.	2.9	41
61	Magnetic field effects on spin relaxation in heterostructures. Physical Review B, 2004, 70, .	1.1	40
62	Nonclassical Exciton Diffusion in Monolayer WS_2 . Physical Review Letters, 2021, 127, 076801.	2.9	40
63	Spin noise explores local magnetic fields in a semiconductor. Scientific Reports, 2016, 6, 21062.	1.6	38
64	Interlayer exciton mediated second harmonic generation in bilayer MoS ₂ . Nature Communications, 2021, 12, 6894.	5.8	38
65	Electron spin synchronization induced by optical nuclear magnetic resonance feedback. Physical Review B, 2012, 85, .	1.1	35
66	Strongly anisotropic spin relaxation revealed by resonant spin amplification in (110) GaAs quantum wells. Physical Review B, 2012, 85, .	1.1	34
67	Spin noise of exciton polaritons in microcavities. Physical Review B, 2013, 88, .	1.1	34
68	Efficient phonon cascades in WSe ₂ monolayers. Nature Communications, 2021, 12, 538.	5.8	34
69	Fine structure of exciton excited levels in a quantum dot with a magnetic ion. Physical Review B, 2007, 75, .	1.1	33
70	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
71	Interplay of Electron and Nuclear Spin Noise in n-Type GaAs. Physical Review Letters, 2015, 115, 176601.	2.9	33
72	Measurements of nuclear spin dynamics by spin-noise spectroscopy. Applied Physics Letters, 2015, 106, .	1.5	33

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73	Spin noise of electrons and holes in (In,Ca)As quantum dots: Experiment and theory. Physical Review B, 2016, 93, .	1.1	33
74	Lead δ -Dominated Hyperfine Interaction Impacting the Carrier Spin Dynamics in Halide Perovskites. Advanced Materials, 2022, 34, e2105263.	11.1	33
75	Resonant spin amplification in nanostructures with anisotropic spin relaxation and spread of the electronic g factor. Semiconductors, 2008, 42, 951-957.	0.2	32
76	Giant photoinduced Faraday rotation due to the spin-polarized electron gas in an InGaAs microcavity. Physical Review B, 2012, 85, .	1.1	31
77	Time-resolved and continuous-wave optical spin pumping of semiconductor quantum wells. Semiconductor Science and Technology, 2008, 23, 114001.	1.0	30
78	Electronic control of the polarization of light emitted by polariton lasers. Applied Physics Letters, 2006, 88, 111118.	1.5	28
79	Collective modes of quantum dot ensembles in microcavities. Journal of Experimental and Theoretical Physics, 2009, 108, 836-844.	0.2	28
80	Longitudinal spin relaxation of donor-bound electrons in direct band-gap semiconductors. Physical Review B, 2016, 94, .	1.1	28
81	The Land δ factors of electrons and holes in lead halide perovskites: universal dependence on the band gap. Nature Communications, 2022, 13, .	5.8	28
82	Spin δ -orbit interaction and weak localization in heterostructures. Semiconductor Science and Technology, 2009, 24, 064007.	1.0	27
83	Quantum oscillations of photocurrents in HgTe quantum wells with Dirac and parabolic dispersions. Physical Review B, 2014, 90, .	1.1	27
84	Linear optics, Raman scattering, and spin noise spectroscopy. Optics Express, 2015, 23, 11713.	1.7	27
85	Optical properties of InN with stoichiometry violation and indium clustering. Physica Status Solidi (A) Applications and Materials Science, 2005, 202, 377-382.	0.8	26
86	Spin dynamics of electrons and holes in InGaAs wells at millikelvin temperatures. Physical Review B, 2010, 81, .	1.1	26
87	Coherence Expansion and Polariton Condensate Formation in a Semiconductor Microcavity. Physical Review Letters, 2013, 110, 137402.	2.9	26
88	Quantum Interference Effect on Exciton Transport in Monolayer Semiconductors. Physical Review Letters, 2020, 124, 166802.	2.9	26
89	Autoionization and Dressing of Excited Excitons by Free Carriers in Monolayer WSe_2 . Physical Review Letters, 2020, 125, 267401.	2.9	26
90	Statistics of excitons in quantum dots and their effect on the optical emission spectra of microcavities. Physical Review B, 2006, 73, .	1.1	25

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91	Nondiffusive weak localization in two-dimensional systems with spin-orbit splitting of the spectrum. Semiconductors, 2006, 40, 1209-1217.	0.2	25
92	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
93	Optical control of electron spin coherence in CdTe/(Cd,Mg)Te quantum wells. Physical Review B, 2010, 81, .	1.1	25
94	Nonlinear emission spectra of quantum dots strongly coupled to a photonic mode. Physical Review B, 2010, 82, .	1.1	25
95	Resonant Light Delay in GaN with Ballistic and Diffusive Propagation. Physical Review Letters, 2008, 100, 087402.	2.9	24
96	Magnetic field induced valence band mixing in [111] grown semiconductor quantum dots. Physical Review B, 2013, 87, .	1.1	24
97	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
98	Electron & Nuclear Spin Dynamics in Semiconductor Nanostructures. , 2018, , .		24
99	Suppression of spin beats in magneto-oscillation phenomena in two-dimensional electron gas. Solid State Communications, 2005, 133, 543-547.	0.9	23
100	Nondestructive Measurement of Nuclear Magnetization by Off-Resonant Faraday Rotation. Physical Review Letters, 2013, 111, 087603.	2.9	23
101	Spin inertia of resident and photoexcited carriers in singly charged quantum dots. Physical Review B, 2018, 98, .	1.1	23
102	Effect of structure anisotropy on low temperature spin dynamics in quantum wells. Solid State Communications, 2007, 142, 531-535.	0.9	22
103	Theory of spin inertia in singly charged quantum dots. Physical Review B, 2018, 98, .	1.1	22
104	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
105	Quantum and classical multiple-scattering effects in the spin dynamics of cavity polaritons. Physical Review B, 2008, 77, .	1.1	21
106	Purcell factor in small metallic cavities. Physics of the Solid State, 2011, 53, 1753-1760.	0.2	21
107	Spin fluctuations of nonequilibrium electrons and excitons in semiconductors. Journal of Experimental and Theoretical Physics, 2016, 122, 472-483.	0.2	21
108	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

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109	Magneto-Stark and Zeeman effect as origin of second harmonic generation of excitons in CuO . Physical Review B, 2020, 101, .		
110	D'yakonov "Perel' Spin Relaxation Controlled by Electron "Electron Scattering. Journal of Superconductivity and Novel Magnetism, 2003, 16, 735-742.	0.5	20
111	Spin relaxation in multiple (110) quantum wells. Physical Review B, 2010, 81, .	1.1	20
112	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
113	Cyclotron effect on coherent spin precession of two-dimensional electrons. Physical Review B, 2009, 80, .	1.1	19
114	Effect of exchange interaction on the spin fluctuations of localized electrons. Physics of the Solid State, 2014, 56, 254-262.	0.2	19
115	Spin noise of localized electrons: Interplay of hopping and hyperfine interaction. Physical Review B, 2015, 91, .	1.1	19
116	Valley Orientation of Electrons and Excitons in Atomically Thin Transition Metal Dichalcogenide Monolayers (Brief Review). JETP Letters, 2021, 113, 7-17.	0.4	19
117	Nonlinear effects in spin relaxation of cavity polaritons. Semiconductors, 2007, 41, 1080-1091.	0.2	18
118	Magnetic field effect on polarization and dispersion of exciton-polaritons in planar microcavities. Physical Review B, 2008, 78, .	1.1	18
119	Spin and reoccupation noise in a single quantum dot beyond the fluctuation-dissipation theorem. Physical Review B, 2018, 97, .	1.1	18
120	Valley Hall effect caused by the phonon and photon drag. Physical Review B, 2020, 102, .	1.1	18
121	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
122	Skew Scattering and Side Jump Drive Exciton Valley Hall Effect in Two-Dimensional Crystals. Physical Review Letters, 2020, 125, 157403.	2.9	17
123	Spin-alignment noise in atomic vapor. Physical Review Research, 2020, 2, .	1.3	17
124	Theory of optically detected spin noise in nanosystems. Physics-Uspexhi, 2021, 64, 923-946.	0.8	17
125	Cavity polaritons: Classical behavior of a quantum parametric oscillator. Physical Review B, 2006, 73, .	1.1	16
126	Light-matter interaction in doped microcavities. Physical Review B, 2007, 76, .	1.1	16

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127	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
128	Nonequilibrium spin noise in a quantum dot ensemble. Physical Review B, 2017, 95, .	1.1	16
129	Topological Spin Phases of Trapped Rydberg Excitons in CuO . Physical Review Letters, 2019, 123, 126801.	1.1	16
130	Delay and distortion of slow light pulses by excitons in ZnO. Physical Review B, 2011, 84, .	1.1	15
131	Exciton spin noise in quantum wells. Physical Review B, 2014, 90, .	1.1	15
132	Theory of optical spin control in quantum dot microcavities. Physical Review B, 2015, 92, .	1.1	15
133	Magnetic control of polariton spin transport. Communications Physics, 2019, 2, .	2.0	15
134	Control of the exciton valley dynamics in atomically thin semiconductors by tailoring the environment. Physical Review B, 2021, 103, .	1.1	15
135	Giant permanent dipole moment of two-dimensional excitons bound to a single stacking fault. Physical Review B, 2016, 94, .	1.1	14
136	Dissociation of excitons in CuO by an electric field. Physical Review B, 2018, 98, .	1.1	14
137	Electron recoil effect in electrically tunable MoS_2 monolayers. Physical Review B, 2022, 105, .	1.1	14
138	Diamagnetic contribution to the effect of in-plane magnetic field on a quantum-dot exciton fine structure. Physical Review B, 2007, 76, .	1.1	13
139	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
140	Intervalley polaron in atomically thin transition metal dichalcogenides. Physical Review B, 2019, 100, .	1.1	13
141	Collective states of excitons in semiconductors. Physics-Uspekhi, 2021, 63, 1051-1071.	0.8	13
142	Impact of Photon Recycling, Grain Boundaries, and Nonlinear Recombination on Energy Transport in Semiconductors. ACS Photonics, 2022, 9, 110-122.	3.2	13
143	Anisotropic polariton scattering and spin dynamics of cavity polaritons. Solid State Communications, 2005, 134, 117-120.	0.9	12
144	Spin and transport effects in quantum microcavities with polarization splitting. Physical Review B, 2010, 82, .	1.1	12

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145	Charge tuning in [111] grown GaAs droplet quantum dots. Applied Physics Letters, 2014, 105, 082111.	1.5	12
146	Spin dynamics of hopping electrons in quantum wires: Algebraic decay and noise. Physical Review B, 2016, 94, .	1.1	12
147	Nuclear spin noise in the central spin model. Physical Review B, 2018, 97, .	1.1	12
148	The fine structure of two-electron states in single and double quantum dots. Journal of Physics Condensed Matter, 2010, 22, 025301.	0.7	11
149	Hyperfine coupling of hole and nuclear spins in symmetric (111)-grown GaAs quantum dots. Physical Review B, 2016, 94, .	1.1	11
150	Non-Markovian spin relaxation in two-dimensional electron gas. Europhysics Letters, 2006, 76, 102-108.	0.7	10
151	Magnetic field induced nutation of exciton-polariton polarization in (Cd,Zn)Te crystals. Physical Review B, 2013, 88, .	1.1	10
152	Cyclotron-resonance-assisted photon drag effect in InSb/InAlSb quantum wells excited by terahertz radiation. Physical Review B, 2014, 89, .	1.1	10
153	Magneto spectroscopy of excited states in charge-tunable GaAs/AlGaAs [111] quantum dots. Physical Review B, 2016, 93, .	1.1	10
154	Mechanism of the D'yakonov-Perel' spin relaxation in frequent electron-electron collisions in a quantum well with a finite width. Physics of the Solid State, 2003, 45, 1162-1165.	0.2	9
155	Effects of non-stoichiometry and compensation on fundamental parameters of heavily-doped InN. Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 2474-2477.	0.8	9
156	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
157	Coherent spin dynamics in semiconductor quantum dots. Journal of Applied Physics, 2013, 113, 136503.	1.1	9
158	Homogenization of Doppler broadening in spin-noise spectroscopy. Physical Review A, 2018, 97, .	1.0	9
159	Third harmonic generation on exciton-polaritons in bulk semiconductors subject to a magnetic field. Physical Review B, 2018, 98, .	1.1	9
160	Quantum Interference Controls the Electron Spin Dynamics in n -GaAs. Physical Review X, 2018, 8, .	2.8	9
161	Microscopic dynamics of electron hopping in a semiconductor quantum well probed by spin-dependent photon echoes. Physical Review B, 2019, 100, .	1.1	9
162	Interlayer Exciton-Polaron in Atomically Thin Semiconductors. Annalen Der Physik, 2020, 532, 2000339.	0.9	9

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163	Spin Hall effect for electrons and excitons. Journal of Luminescence, 2007, 125, 118-125.	1.5	8
164	Spin-current generation from Coulomb-Rashba interaction in semiconductor bilayers. Physical Review B, 2011, 84, .	1.1	8
165	Spin noise of a polariton laser. Physical Review B, 2016, 93, .	1.1	8
166	Spin dynamics of polariton parametric amplifiers. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 768-778.	0.8	7
167	Spin waves in semiconductor microcavities. Physical Review B, 2015, 91, .	1.1	7
168	Spin-dependent coherent transport of two-dimensional excitons. Physical Review B, 2016, 93, .	1.1	7
169	Valley and spin accumulation in ballistic and hydrodynamic channels. 2D Materials, 2022, 9, 015027.	2.0	7
170	FINE STRUCTURE OF EXCITED EXCITONIC STATES IN QUANTUM DISKS. International Journal of Nanoscience, 2007, 06, 265-268.	0.4	6
171	Excitonic parameters of GaN studied by time-of-flight spectroscopy. Applied Physics Letters, 2011, 99, 101108.	1.5	6
172	Spin injection via (110)-grown semiconductor barriers. Physical Review B, 2014, 89, .	1.1	6
173	Submillisecond Spin Relaxation in CsPb(Cl,Br) ₃ Perovskite Nanocrystals in a Glass Matrix. Nano Letters, 0, , .	4.5	6
174	Light mediated superconducting transistor. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 914-918.	0.8	5
175	Electron-electron scattering effect on spin relaxation in multi-valley nanostructures. Europhysics Letters, 2009, 87, 57005.	0.7	5
176	Spin coherence generation and detection in spherical nanocrystals. Journal of Physics Condensed Matter, 2012, 24, 345302.	0.7	5
177	Fermi-edge polaritons in Bragg multiple-quantum-well structures. Solid State Communications, 2012, 152, 395-398.	0.9	5
178	Collective effects in emission of localized excitons strongly coupled to a microcavity photon. New Journal of Physics, 2013, 15, 025016.	1.2	5
179	Stochastic Faraday rotation induced by the electric current fluctuations in nanosystems. Physical Review B, 2017, 95, .	1.1	5
180	Exciton Condensation in a Two-Dimensional System with Disorder. Journal of Experimental and Theoretical Physics, 2018, 126, 833-841.	0.2	5

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181	Electron spin noise under the conditions of nuclei-induced frequency focusing. Physical Review B, 2018, 98, .	1.1	5
182	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
183	Optical spin control and coherence properties of acceptor bound holes in strained GaAs. Physical Review B, 2021, 103, .	1.1	5
184	Kinetic approach to nuclear-spin polaron formation. Physical Review B, 2020, 102, .	1.1	4
185	Anomalous light-induced broadening of the spin-noise resonance in cesium vapor. Physical Review A, 2021, 103, .	1.0	4
186	Spatiotemporal dynamics of free and bound excitons in CVD-grown MoS ₂ monolayer. Applied Physics Letters, 2021, 119, .	1.5	4
187	Flexural deformations and collapse of bilayer two-dimensional crystals by interlayer excitons. Physical Review B, 2022, 105, .	1.1	4
188	Dâ€™yakonov-Perelâ€™s Spin Relaxation Under Electron-Electron Collisions in QWs. , 2003, , 181-192.		3
189	Bose glass and superfluid phase transitions of excitonâ€™polaritons in GaN microcavities. Solid State Communications, 2007, 144, 390-394.	0.9	3
190	Fluctuations of tunneling currents in photonic and polaritonic systems. Physical Review B, 2018, 97, .	1.1	3
191	Spin-Selective Currents of Tamm Polaritons. Physical Review Applied, 2022, 17, .	1.5	3
192	Multiplets in the optical emission spectra of Dicke states of quantum dots excitons coupled to microcavity photons. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 3819-3824.	0.8	2
193	Control of polarization of polariton lasers. Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 638-640.	0.8	2
194	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
195	Polarized edge state emission from topological spin phases of trapped Rydberg excitons in $Cu_{1-x}Zn_x$. Physical Review B, 2020, 102, .		
196	Microscopic model for the stacking-fault potential and the exciton wave function in GaAs. Physical Review B, 2020, 101, .	1.1	2
197	Highly superlinear giant terahertz photoconductance in GaAs quantum point contacts in the deep tunneling regime. Physical Review B, 2021, 104, .	1.1	2
198	Spin splitting and weak localization in 2D heterostructures. Physica E: Low-Dimensional Systems and Nanostructures, 2008, 40, 1490-1491.	1.3	1

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199	Photon helicity driven currents in graphene. , 2010, , .		1
200	Anisotropic spin dephasing in a (110)-grown high-mobility GaAs/AlGaAs quantum well measured by resonant spin amplification technique. , 2011, , .		1
201	Spin dynamics in two-dimensional electron and hole systems revealed by resonant spin amplification. , 2012, , .		1
202	Influence of the Wavefunction Distribution on Exciton Dissociation in Electric Field. Physics of the Solid State, 2018, 60, 1506-1509.	0.2	1
203	Electrically tunable dynamic nuclear spin polarization in GaAs quantum dots at zero magnetic field. Applied Physics Letters, 2018, 112, 142103.	1.5	1
204	Valley polarization fluctuations, bistability, and switching in two-dimensional semiconductors. Physical Review B, 2022, 106, .	1.1	1
205	Spin coherence of two-dimensional electron gas achieved via resonant excitation of trions and excitons. AIP Conference Proceedings, 2007, , .	0.3	0
206	Spin Relaxation in 2D Electron Gases in the Strong Scattering Regime. AIP Conference Proceedings, 2007, , .	0.3	0
207	Spin-dependent polaritonâ€“polariton scattering in planar microcavities. Superlattices and Microstructures, 2010, 47, 1-4.	1.4	0
208	Terahertz radiation induced edge currents in graphene. , 2011, , .		0
209	Cyclotron effect on coherent spin precession of two-dimensional electrons. AIP Conference Proceedings, 2011, , .	0.3	0
210	Magnetoresistance of two-dimensional electrons with spin-orbit coupling disorder. Journal of Physics: Conference Series, 2012, 393, 012008.	0.3	0
211	Rabi Oscillations Lifetime Improvement in a System of Exciton Polaritons. EPJ Web of Conferences, 2015, 103, 07001.	0.1	0
212	Spin and valley polarization in MoS2, MoSe2, and WSe2 monolayers (Conference Presentation). , 2016, , .		0
213	Ferromagnetism in the vicinity of Lifshitz topological transitions. Physical Review B, 2017, 96, .	1.1	0
214	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
215	Tuning absorption and emission in monolayer semiconductors: a brief survey. Comptes Rendus Physique, 2021, 22, 43-52.	0.3	0
216	Giant Polarization Rotation Induced by a Single Spin: a Cavity-Based Spin-Photon Interface. , 2015, , .		0

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217	Stacking Faults as a Novel 2D Potential for Excitons. , 2016, , .		0
218	Nuclear-spin polaron formation: Anisotropy effects and quantum phase transition. Physical Review B, 2022, 105, .	1.1	0