

Manfred Bayer

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

583
papers

15,448
citations

57
h-index

104
g-index

669
ext. papers

17,740
ext. citations

5.1
avg. IF

6.32
L-index

#	Paper	IF	Citations
583	Cross-relaxation interactions in ZnO:Mn ²⁺ : The ground state optical pumping. <i>Applied Physics Letters</i> , 2022 , 120, 041104	3.4	
582	Spin Dynamics of Electrons and Holes Interacting with Nuclei in MAPbI ₃ Perovskite Single Crystals. <i>ACS Photonics</i> , 2022 , 9, 1375-1384	6.3	2
581	Giant Photoelasticity of Polaritons for Detection of Coherent Phonons in a Superlattice with Quantum Sensitivity.. <i>Physical Review Letters</i> , 2022 , 128, 157401	7.4	1
580	Accumulation and control of spin waves in magnonic dielectric microresonators by a comb of ultrashort laser pulses.. <i>Scientific Reports</i> , 2022 , 12, 7369	4.9	0
579	Upconversion of Light into Bright Intravalley Excitons via Dark Intervalley Excitons in hBN-Encapsulated WSe Monolayers. <i>ACS Nano</i> , 2021 ,	16.7	4
578	Lead-Dominated Hyperfine Interaction Impacting the Carrier Spin Dynamics in Halide Perovskites. <i>Advanced Materials</i> , 2021 , 34, e2105263	24	6
577	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	11.5	0
576	Suppression of nuclear spin fluctuations in an InGaAs quantum dot ensemble by GHz-pulsed optical excitation. <i>Npj Quantum Information</i> , 2021 , 7,	8.6	2
575	Toroidal nonreciprocity of optical second harmonic generation. <i>Physical Review B</i> , 2021 , 103,	3.3	2
574	Second harmonic generation on excitons in ZnO/(Zn,Mg)O quantum wells with built-in electric fields. <i>Physical Review B</i> , 2021 , 103,	3.3	1
573	Asymmetric Rydberg blockade of giant excitons in Cuprous Oxide. <i>Nature Communications</i> , 2021 , 12, 3556	17.4	1
572	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	7.7	3
571	Protected Long-Distance Guiding of Hypersound Underneath a Nanocorrugated Surface. <i>ACS Nano</i> , 2021 , 15, 4802-4810	16.7	1
570	Exchange interaction in the yellow exciton series of cuprous oxide. <i>Physical Review B</i> , 2021 , 103,	3.3	4
569	Lifting restrictions on coherence loss when characterizing non-transparent hypersonic phononic crystals. <i>Scientific Reports</i> , 2021 , 11, 17174	4.9	2
568	Semiconductor quantum dots: Technological progress and future challenges. <i>Science</i> , 2021 , 373,	33.3	138
567	Coherent Spin Dynamics of Electrons and Holes in CsPbBr Colloidal Nanocrystals. <i>Nano Letters</i> , 2021 , 21, 8481-8487	11.5	3

566	Spin polarization recovery and Hanle effect for charge carriers interacting with nuclear spins in semiconductors. <i>Physical Review B</i> , 2020 , 102,	3.3	5
565	Charge Separation Dynamics in CdSe/CdS Core/Shell Nanoplatelets Addressed by Coherent Electron Spin Precession. <i>ACS Nano</i> , 2020 , 14, 7237-7244	16.7	10
564	Wide band enhancement of transverse magneto-optic Kerr effect in magnetite. <i>Journal of Physics: Conference Series</i> , 2020 , 1461, 012033	0.3	
563	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,	3.3	1
562	Magneto-Stark and Zeeman effect as origin of second harmonic generation of excitons in Cu ₂ O. <i>Physical Review B</i> , 2020 , 101,	3.3	12
561	Magneto-Optics of Excitons Interacting with Magnetic Ions in CdSe/CdMnS Colloidal Nanoplatelets. <i>ACS Nano</i> , 2020 , 14, 9032-9041	16.7	7
560	Electron-nuclei interaction in the X valley of (In,Al)As/AlAs quantum dots. <i>Physical Review B</i> , 2020 , 101,	3.3	3
559	Surface spin magnetism controls the polarized exciton emission from CdSe nanoplatelets. <i>Nature Nanotechnology</i> , 2020 , 15, 277-282	28.7	21
558	Negatively Charged Excitons in CdSe Nanoplatelets. <i>Nano Letters</i> , 2020 , 20, 1370-1377	11.5	33
557	Second harmonic generation of cuprous oxide in magnetic fields. <i>Physical Review B</i> , 2020 , 101,	3.3	3
556	Optical second- and third-harmonic generation on excitons in ZnSe/BeTe quantum wells. <i>Physical Review B</i> , 2020 , 102,	3.3	2
555	Giant spin-noise gain enables magnetic resonance spectroscopy of impurity crystals. <i>Physical Review Research</i> , 2020 , 2,	3.9	1
554	Spin Dynamics of Negatively Charged Excitons in InP/(In,Ga)P Quantum Dots in a Magnetic Field. <i>Physics of the Solid State</i> , 2020 , 62, 2033-2038	0.8	1
553	Picosecond ultrasonics with miniaturized semiconductor lasers. <i>Ultrasonics</i> , 2020 , 106, 106150	3.5	1
552	Detection and amplification of spin noise using scattered laser light in a quantum-dot microcavity. <i>Physical Review B</i> , 2020 , 101,	3.3	1
551	Single and Double Electron Spin-Flip Raman Scattering in CdSe Colloidal Nanoplatelets. <i>Nano Letters</i> , 2020 , 20, 517-525	11.5	12
550	Dynamic Polarization of Electron Spins Interacting with Nuclei in Semiconductor Nanostructures. <i>Physical Review Letters</i> , 2020 , 125, 156801	7.4	4
549	Optical harmonic generation on the exciton-polariton in ZnSe. <i>Physical Review B</i> , 2020 , 102,	3.3	2

548	Exciton and exciton-magnon photoluminescence in the antiferromagnet CuB ₂ O ₄ . <i>Physical Review B</i> , 2020 , 102,	3.3	1
547	Semiconductor Rydberg Physics. <i>Advanced Quantum Technologies</i> , 2020 , 3, 1900134	4.3	7
546	Quantum optics with quantum dot ensembles. <i>Semiconductors and Semimetals</i> , 2020 , 105, 235-267	0.6	
545	Ultrafast acoustic switching of an optically pumped cavity polariton system in the bistable regime. <i>Journal of Physics: Conference Series</i> , 2020 , 1461, 012077	0.3	
544	Experimental limitation in extending the exciton series in Cu ₂ O towards higher principal quantum numbers. <i>Physical Review B</i> , 2020 , 101,	3.3	3
543	Optical detection of electron spin dynamics driven by fast variations of a magnetic field: a simple method to measure [Formula: see text], [Formula: see text], and [Formula: see text] in semiconductors. <i>Scientific Reports</i> , 2020 , 10, 13155	4.9	1
542	Spin echo studies on Fe ³⁺ ions in GaN: Spin-phonon relaxation and ligand hyperfine interactions. <i>Applied Physics Letters</i> , 2020 , 117, 032106	3.4	1
541	Magnon polaron formed by selectively coupled coherent magnon and phonon modes of a surface patterned ferromagnet. <i>Physical Review B</i> , 2020 , 102,	3.3	15
540	Optically detected magnetic resonance in CdSe/CdMnS nanoplatelets. <i>Nanoscale</i> , 2020 , 12, 21932-21939.	7.7	3
539	Resonant thermal energy transfer to magnons in a ferromagnetic nanolayer. <i>Nature Communications</i> , 2020 , 11, 4130	17.4	2
538	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,	3.3	2
537	Accurate photon echo timing by optical freezing of exciton dephasing and rephasing in quantum dots. <i>Communications Physics</i> , 2020 , 3,	5.4	1
536	Rydberg Series of Dark Excitons in Cu ₂ O. <i>Physical Review Letters</i> , 2020 , 125, 207402	7.4	3
535	Dual-Emitting Dot-in-Bulk CdSe/CdS Nanocrystals with Highly Emissive Core- and Shell-Based Trions Sharing the Same Resident Electron. <i>Nano Letters</i> , 2019 , 19, 8846-8854	11.5	4
534	Hyperfine Interactions and Slow Spin Dynamics in Quasi-isotropic InP-based Core/Shell Colloidal Nanocrystals. <i>ACS Nano</i> , 2019 , 13, 10201-10209	16.7	5
533	Ultrafast strain-induced switching of a bistable cavity-polariton system. <i>Physical Review B</i> , 2019 , 100,	3.3	1
532	Exciton spectroscopy of optical reflection from wide quantum wells. <i>Physical Review B</i> , 2019 , 99,	3.3	11
531	Transverse magneto-optical Kerr effect at narrow optical resonances. <i>Nanophotonics</i> , 2019 , 8, 287-296	6.3	7

530	Second harmonic generation on the yellow 1S exciton in Cu ₂ O in symmetry-forbidden geometries. <i>Physical Review B</i> , 2019 , 99,	3.3	5
529	Optical orientation and alignment of excitons in direct and indirect band gap (In,Al)As/AlAs quantum dots with type-I band alignment. <i>Physical Review B</i> , 2019 , 99,	3.3	9
528	Origin of Two Larmor Frequencies in the Coherent Spin Dynamics of Colloidal CdSe Quantum Dots Revealed by Controlled Charging. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 3681-3687	6.4	12
527	Epitaxial InGaAs Quantum Dots in Al _{0.29} Ga _{0.71} As Matrix: Intensity and Kinetics of Luminescence in the Near Field of Silver Nanoparticles. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2019 , 126, 492-496	0.7	2
526	Bridging Two Worlds: Colloidal versus Epitaxial Quantum Dots. <i>Annalen Der Physik</i> , 2019 , 531, 1900039	2.6	18
525	Interaction effects of cathode power, bias voltage, and mid-frequency on the structural and mechanical properties of sputtered amorphous carbon films. <i>Applied Surface Science</i> , 2019 , 487, 857-867	6.7	16
524	Polarimetry of photon echo on charged and neutral excitons in semiconductor quantum wells. <i>Scientific Reports</i> , 2019 , 9, 5666	4.9	4
523	Radiofrequency driving of coherent electron spin dynamics in n-GaAs detected by Faraday rotation. <i>Physical Review B</i> , 2019 , 99,	3.3	5
522	Optical Excitation of Single- and Multimode Magnetization Precession in Fe-Ga Nanolayers. <i>Physical Review Applied</i> , 2019 , 11,	4.3	7
521	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	1.3	2
520	Nanosecond Spin Coherence Time of Nonradiative Excitons in GaAs/AlGaAs Quantum Wells. <i>Physical Review Letters</i> , 2019 , 122, 147401	7.4	4
519	All for one and one for all. <i>Science</i> , 2019 , 364, 30-31	33.3	1
518	Trap-Free Heterostructure of PbS Nanoplatelets on InP(001) by Chemical Epitaxy. <i>ACS Nano</i> , 2019 , 13, 1961-1967	16.7	6
517	Coherent spin dynamics of electrons and holes in CsPbBr perovskite crystals. <i>Nature Communications</i> , 2019 , 10, 673	17.4	54
516	Long-Lived Negative Photocharging in Colloidal CdSe Quantum Dots Revealed by Coherent Electron Spin Precession. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 4994-4999	6.4	8
515	Monodispersed Spherical Nanoparticles Gd _x SiyO _z :Eu ³⁺ for Magnetic Resonance Tomography and Optical Imaging. <i>Physics of the Solid State</i> , 2019 , 61, 627-631	0.8	
514	Low voltage control of exchange coupling in a ferromagnet-semiconductor quantum well hybrid structure. <i>Nature Communications</i> , 2019 , 10, 2899	17.4	9
513	Stimulated spin noise in an activated crystal. <i>Journal of Applied Physics</i> , 2019 , 126, 143901	2.5	2

512	Enhanced light-matter interaction in an atomically thin semiconductor coupled with dielectric nano-antennas. <i>Nature Communications</i> , 2019 , 10, 5119	17.4	42
511	Spintronics of semiconductor, metallic, dielectric, and hybrid structures (100th anniversary of the Ioffe Institute). <i>Physics-Uspexhi</i> , 2019 , 62, 795-822	2.8	6
510	Tracking Dark Excitons with Exciton Polaritons in Semiconductor Microcavities. <i>Physical Review Letters</i> , 2019 , 122, 047403	7.4	4
509	Subsecond nuclear spin dynamics in n-GaAs. <i>Physical Review B</i> , 2019 , 99,	3.3	1
508	Electron g-factor in coupled quantum wells CdTe and CdMnTe. <i>Journal of Physics: Conference Series</i> , 2019 , 1400, 066023	0.3	
507	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
506	Spin dephasing of electrons and holes in isotopically purified ZnSe/(Zn,Mg)Se quantum wells. <i>Physical Review B</i> , 2019 , 100,	3.3	3
505	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,	3.3	2
504	Microscopic dynamics of electron hopping in a semiconductor quantum well probed by spin-dependent photon echoes. <i>Physical Review B</i> , 2019 , 100,	3.3	1
503	Wide-band enhancement of the transverse magneto-optical Kerr effect in magnetite-based plasmonic crystals. <i>Physical Review B</i> , 2019 , 100,	3.3	11
502	Transverse magneto-optical Kerr effect in magnetoplasmonic waveguide structures based on Fe ₃ O ₄ . <i>Journal of Physics: Conference Series</i> , 2019 , 1400, 066014	0.3	
501	In situ chip formation analyses in micro single-lip and twist deep hole drilling. <i>International Journal of Advanced Manufacturing Technology</i> , 2018 , 95, 2315-2324	3.2	6
500	Spin-lattice relaxation of optically polarized nuclei in p-type GaAs. <i>Physical Review B</i> , 2018 , 97,	3.3	1
499	Detuning dependence of Rabi oscillations in an InAs self-assembled quantum dot ensemble. <i>Physical Review B</i> , 2018 , 97,	3.3	5
498	Photon Echo from an Ensemble of (In,Ga)As Quantum Dots. <i>Semiconductors</i> , 2018 , 52, 531-534	0.7	1
497	Generation of a localized microwave magnetic field by coherent phonons in a ferromagnetic nanograting. <i>Physical Review B</i> , 2018 , 97,	3.3	16
496	Streak camera imaging of single photons at telecom wavelength. <i>Applied Physics Letters</i> , 2018 , 112, 031110	3.1	4
495	Photocharging Dynamics in Colloidal CdS Quantum Dots Visualized by Electron Spin Coherence. <i>Semiconductors</i> , 2018 , 52, 548-550	0.7	

494	Anisotropies in the linear polarization of vacancy photoluminescence in diamond induced by crystal rotations and strong magnetic fields. <i>Physical Review B</i> , 2018 , 97,	3.3	4
493	Increased sensitivity of spin noise spectroscopy using homodyne detection in n-doped GaAs. <i>Physical Review B</i> , 2018 , 97,	3.3	8
492	Dissociation of excitons in Cu ₂ O by an electric field. <i>Physical Review B</i> , 2018 , 98,	3.3	11
491	Routing the emission of a near-surface light source by a magnetic field. <i>Nature Physics</i> , 2018 , 14, 1043-1048,	3.3	17
490	Influence of the Wavefunction Distribution on Exciton Dissociation in Electric Field. <i>Physics of the Solid State</i> , 2018 , 60, 1506-1509	0.8	1
489	Emission of Cu ₂ O Paraexcitons Confined by a Strain Trap: Hints of a Bose-Einstein Condensate?. <i>Physics of the Solid State</i> , 2018 , 60, 1600-1605	0.8	3
488	Magneto-Stark effect of yellow excitons in cuprous oxide. <i>Physical Review B</i> , 2018 , 98,	3.3	11
487	Optically excited spin pumping mediating collective magnetization dynamics in a spin valve structure. <i>Physical Review B</i> , 2018 , 98,	3.3	9
486	Third harmonic generation on exciton-polaritons in bulk semiconductors subject to a magnetic field. <i>Physical Review B</i> , 2018 , 98,	3.3	7
485	Decay and revival of electron spin polarization in an ensemble of (In,Ga)As quantum dots. <i>Physical Review B</i> , 2018 , 98,	3.3	7
484	Influence of Magnetic Confinement on the Yellow Excitons in Cuprous Oxide Subject to an Electric Field. <i>Physics of the Solid State</i> , 2018 , 60, 1595-1599	0.8	6
483	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	0.8	0
482	Photon Echo from Localized Excitons in Semiconductor Nanostructures. <i>Physics of the Solid State</i> , 2018 , 60, 1635-1644	0.8	5
481	Oscillations of the Degree of Circular Polarization in the Optical Spin Hall Effect. <i>Physics of the Solid State</i> , 2018 , 60, 1606-1610	0.8	
480	Exciton Spectroscopy of Semiconductors by the Method of Optical Harmonics Generation (Review). <i>Physics of the Solid State</i> , 2018 , 60, 1471-1486	0.8	12
479	Quantum Interference Controls the Electron Spin Dynamics in n-GaAs. <i>Physical Review X</i> , 2018 , 8,	9.1	3
478	Circularly polarized zero-phonon transitions of vacancies in diamond at high magnetic fields. <i>Physical Review B</i> , 2018 , 97,	3.3	8
477	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,	3.3	6

476	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,	3.3	6
475	Addressing the exciton fine structure in colloidal nanocrystals: the case of CdSe nanoplatelets. <i>Nanoscale</i> , 2018 , 10, 646-656	7.7	60
474	Electron and Hole g-Factors and Spin Dynamics of Negatively Charged Excitons in CdSe/CdS Colloidal Nanoplatelets with Thick Shells. <i>Nano Letters</i> , 2018 , 18, 373-380	11.5	36
473	Transverse Magneto-Optical Kerr Effect in Magnetite Covered by Array of Gold Nanostripes. <i>Semiconductors</i> , 2018 , 52, 1857-1860	0.7	5
472	Raman scattering study of micrometer-sized spots of magnetite and hematite formed at 18CrNiMo7-6 screw rotor surfaces due to liquid-free, unsynchronized operation. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 425, 012016	0.4	9
471	Dephasing of InAs quantum dot p-shell excitons studied using two-dimensional coherent spectroscopy. <i>Physical Review B</i> , 2018 , 98,	3.3	5
470	Signatures of long-range spin-spin interactions in an (In,Ga)As quantum dot ensemble. <i>Physical Review B</i> , 2018 , 98,	3.3	4
469	Detection of nanowatt microwave radiation by the photoluminescence of an ensemble of negatively charged nitrogen vacancies in diamond. <i>Applied Physics Letters</i> , 2018 , 113, 192406	3.4	3
468	Universal Ratio of Coulomb Interaction to Geometric Quantization in (In, Ga)As/GaAs Quantum Dots. <i>Physics of the Solid State</i> , 2018 , 60, 1629-1634	0.8	
467	Long coherent dynamics of localized excitons in (In,Ga)N/GaN quantum wells. <i>Physical Review B</i> , 2018 , 98,	3.3	1
466	Studies of photon echo from exciton ensemble in (In,Ga)As quantum dots. <i>Journal of Physics: Conference Series</i> , 2018 , 951, 012029	0.3	0
465	Single-beam resonant spin amplification of electrons interacting with nuclei in a GaAs/(Al,Ga)As quantum well. <i>Physical Review B</i> , 2018 , 98,	3.3	1
464	Electron and hole spin relaxation in InP-based self-assembled quantum dots emitting at telecom wavelengths. <i>Physical Review B</i> , 2018 , 98,	3.3	2
463	Single-beam optical measurement of spin dynamics in CdTe/(Cd,Mg)Te quantum wells. <i>Physical Review B</i> , 2018 , 98,	3.3	5
462	Critical Dependence of the Excitonic Absorption in Cuprous Oxide on Experimental Parameters. <i>Physics of the Solid State</i> , 2018 , 60, 1618-1624	0.8	1
461	High-resolution second harmonic generation spectroscopy with femtosecond laser pulses on excitons in Cu ₂ O. <i>Physical Review B</i> , 2018 , 98,	3.3	20
460	Hidden polarization of unpolarized light. <i>Physical Review A</i> , 2018 , 98,	2.6	5
459	Magnetic field dependence of the electron spin revival amplitude in periodically pulsed quantum dots. <i>Physical Review B</i> , 2018 , 98,	3.3	9

458	Landau-Level Quantization of the Yellow Excitons in Cuprous Oxide. <i>Physics of the Solid State</i> , 2018 , 60, 1625-1628	0.8	1
457	Spin inertia of resident and photoexcited carriers in singly charged quantum dots. <i>Physical Review B</i> , 2018 , 98,	3.3	14
456	Theory of spin inertia in singly charged quantum dots. <i>Physical Review B</i> , 2018 , 98,	3.3	14
455	Rydberg Excitons in the Presence of an Ultralow-Density Electron-Hole Plasma. <i>Physical Review Letters</i> , 2018 , 121, 097401	7.4	18
454	Interfacial Ferromagnetism in a Co/CdTe Ferromagnet/Semiconductor Quantum Well Hybrid Structure. <i>Physics of the Solid State</i> , 2018 , 60, 1578-1581	0.8	2
453	Discretization of the total magnetic field by the nuclear spin bath in fluorine-doped ZnSe. <i>Nature Communications</i> , 2018 , 9, 1941	17.4	12
452	Magnetic-field-induced crossover from the inverse Faraday effect to the optical orientation in EuTe. <i>Journal of Applied Physics</i> , 2018 , 123, 193102	2.5	6
451	Rydberg States in Semiconductors 2018 , 40-51		
450	Synthesis and Optical Characterization of Hybrid Organic/Inorganic Heterofluorene Polymers. <i>Macromolecules</i> , 2017 , 50, 2338-2343	5.5	27
449	Photon echoes from (In,Ga)As quantum dots embedded in a Tamm-plasmon microcavity. <i>Physical Review B</i> , 2017 , 95,	3.3	16
448	The effect of dynamical compressive and shear strain on magnetic anisotropy in a low symmetry ferromagnetic film. <i>Physica Scripta</i> , 2017 , 92, 054006	2.6	6
447	Zn-VI quasiparticle gaps and optical spectra from many-body calculations. <i>Journal of Physics Condensed Matter</i> , 2017 , 29, 215702	1.8	4
446	Dynamic Evolution from Negative to Positive Photocharging in Colloidal CdS Quantum Dots. <i>Nano Letters</i> , 2017 , 17, 2844-2851	11.5	19
445	High-resolution study of the yellow excitons in Cu ₂ O subject to an electric field. <i>Physical Review B</i> , 2017 , 95,	3.3	38
444	Picosecond Control of Quantum Dot Laser Emission by Coherent Phonons. <i>Physical Review Letters</i> , 2017 , 118, 133901	7.4	15
443	Magnetic polaron on dangling-bond spins in CdSe colloidal nanocrystals. <i>Nature Nanotechnology</i> , 2017 , 12, 569-574	28.7	35
442	Picosecond Acoustics in Single Quantum Wells of Cubic GaN/(Al,Ga)N. <i>Physical Review Applied</i> , 2017 , 7,	4.3	2
441	Dynamics of exciton magnetic polarons in CdMnSe/CdMgSe quantum wells: Effect of self-localization. <i>Physical Review B</i> , 2017 , 95,	3.3	10

440	Magnetoexcitons in cuprous oxide. <i>Physical Review B</i> , 2017 , 95,	3-3	35
439	Spin dynamics of quadrupole nuclei in InGaAs quantum dots. <i>Physical Review B</i> , 2017 , 95,	3-3	4
438	Magnon Accumulation by Clocked Laser Excitation as Source of Long-Range Spin Waves in Transparent Magnetic Films. <i>Physical Review X</i> , 2017 , 7,	9-1	20
437	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,	3-3	9
436	Control of quantum dot laser emission by coherent phonon wave packets. <i>Journal of Physics: Conference Series</i> , 2017 , 906, 012025	0-3	
435	Dynamics of the optical spin Hall effect. <i>Physical Review B</i> , 2017 , 96,	3-3	5
434	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,	3-3	4
433	Scaling laws of Rydberg excitons. <i>Physical Review B</i> , 2017 , 96,	3-3	44
432	Systematic study of the influence of coherent phonon wave packets on the lasing properties of a quantum dot ensemble. <i>New Journal of Physics</i> , 2017 , 19, 073001	2-9	6
431	Time-resolved photon echoes from donor-bound excitons in ZnO epitaxial layers. <i>Physical Review B</i> , 2017 , 96,	3-3	5
430	Role of phonons in the quantum chaos of Rydberg excitons. <i>Physical Review B</i> , 2017 , 95,	3-3	7
429	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	4-9	30
428	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,	3-3	8
427	Efficiency enhancement of the coherent electron spin-flip Raman scattering through thermal phonons in (In,Ga)As/GaAs quantum dots. <i>Physical Review B</i> , 2017 , 95,	3-3	1
426	High-Resolution Two-Dimensional Optical Spectroscopy of Electron Spins. <i>Physical Review X</i> , 2017 , 7,	9-1	3
425	Negatively Charged and Dark Excitons in CsPbBr Perovskite Nanocrystals Revealed by High Magnetic Fields. <i>Nano Letters</i> , 2017 , 17, 6177-6183	11-5	78
424	Nonequilibrium nuclear spin distribution function in quantum dots subject to periodic pulses. <i>Physical Review B</i> , 2017 , 96,	3-3	16
423	Electron charge and spin delocalization revealed in the optically probed longitudinal and transverse spin dynamics in n-GaAs. <i>Physical Review B</i> , 2017 , 96,	3-3	8

422	Nuclear spin cooling by helicity-alternated optical pumping at weak magnetic fields in n-GaAs. <i>Physical Review B</i> , 2017 , 96,	3.3	4
421	Direct measurement of the long-range p-d exchange coupling in a ferromagnet-semiconductor Co/CdMgTe/CdTe quantum well hybrid structure. <i>Physical Review B</i> , 2017 , 96,	3.3	7
420	High-efficiency optical pumping of nuclear polarization in a GaAs quantum well. <i>Physical Review B</i> , 2017 , 96,	3.3	1
419	Coherent Spin Dynamics of Carriers. <i>Springer Series in Solid-state Sciences</i> , 2017 , 155-206	0.4	6
418	Nonequilibrium spin noise in a quantum dot ensemble. <i>Physical Review B</i> , 2017 , 95,	3.3	11
417	ENDOR investigations of the Ce ³⁺ ions in YAG: Transferred hyperfine interaction with nearest aluminum ions. <i>Journal of Applied Physics</i> , 2017 , 122, 243903	2.5	1
416	Acousto-optical nanoscopy of buried photonic nanostructures. <i>Optica</i> , 2017 , 4, 588	8.6	1
415	Exciton-light coupling in (In,Ga)As/GaAs quantum wells in a longitudinal magnetic field. <i>Physical Review B</i> , 2017 , 96,	3.3	5
414	Room-temperature electron spin dynamics of Ce ³⁺ ions in a YAG crystal. <i>Applied Physics Letters</i> , 2017 , 110, 222405	3.4	9
413	Long-range p-d exchange interaction in a ferromagnet-semiconductor hybrid structure. <i>Nature Physics</i> , 2016 , 12, 85-91	16.2	35
412	Enhancement of electron hot spot relaxation in photoexcited plasmonic structures by thermal diffusion. <i>Physical Review B</i> , 2016 , 94,	3.3	4
411	Quasi-ordering of composition fluctuations and their interaction with lattice imperfections in an optical spectra of dilute nitride alloys. <i>Semiconductor Science and Technology</i> , 2016 , 31, 095012	1.8	6
410	Dynamics of nuclear spin polarization induced and detected by coherently precessing electron spins in fluorine-doped ZnSe. <i>Physical Review B</i> , 2016 , 93,	3.3	8
409	Photon echo transients from an inhomogeneous ensemble of semiconductor quantum dots. <i>Physical Review B</i> , 2016 , 93,	3.3	18
408	Large anisotropy of electron and hole g factors in infrared-emitting InAs/InAlGaAs self-assembled quantum dots. <i>Physical Review B</i> , 2016 , 93,	3.3	17
407	Thermal dissociation of free and acceptor-bound positive trions from magnetophotoluminescence studies of high quality GaAs/AlxGa1-xAs quantum wells. <i>Physical Review B</i> , 2016 , 93,	3.3	1
406	Resonantly enhanced spin-lattice relaxation of Mn ²⁺ ions in diluted magnetic (Zn,Mn)Se/(Zn,Be)Se quantum wells. <i>Physical Review B</i> , 2016 , 93,	3.3	5
405	Experimental realization of a polariton beam amplifier. <i>Physical Review B</i> , 2016 , 93,	3.3	12

404	Dynamics of exciton recombination in strong magnetic fields in ultrathin GaAs/AlAs quantum wells with indirect band gap and type-II band alignment. <i>Physical Review B</i> , 2016 , 94,	3-3	15
403	Terahertz dynamics of lattice vibrations in Au/CdTe plasmonic crystals: Photoinduced segregation of Te and enhancement of optical response. <i>Physical Review B</i> , 2016 , 93,	3-3	8
402	Deviations of the exciton level spectrum in Cu ₂ O from the hydrogen series. <i>Physical Review B</i> , 2016 , 93,	3-3	55
401	Spin noise of electrons and holes in (In,Ga)As quantum dots: Experiment and theory. <i>Physical Review B</i> , 2016 , 93,	3-3	28
400	Spin noise of a polariton laser. <i>Physical Review B</i> , 2016 , 93,	3-3	5
399	Optical orientation of hole magnetic polarons in (Cd,Mn)Te/(Cd,Mn,Mg)Te quantum wells. <i>Physical Review B</i> , 2016 , 93,	3-3	6
398	Coherent spin dynamics of carriers in ferromagnetic semiconductor heterostructures with an Mn δ layer. <i>Journal of Experimental and Theoretical Physics</i> , 2016 , 123, 420-428	1	2
397	Indication of worn WC/C surface locations of a dry-running twin-screw rotor by the oxygen incorporation in tungsten-related Raman modes. <i>Applied Physics Letters</i> , 2016 , 109, 171601	3-4	23
396	Advanced optical manipulation of carrier spins in (In,Ga)As quantum dots. <i>Applied Physics B: Lasers and Optics</i> , 2016 , 122, 1	1-9	3
395	Magnetic field effects of Rydberg Excitons in Cu ₂ O 2016 ,		1
394	Band-Edge Exciton Fine Structure and Recombination Dynamics in InP/ZnS Colloidal Nanocrystals. <i>ACS Nano</i> , 2016 , 10, 3356-64	16.7	46
393	Coherent Acoustic Phonons in Colloidal Semiconductor Nanocrystal Superlattices. <i>ACS Nano</i> , 2016 , 10, 1163-9	16.7	47
392	Coupled valence band dispersions and the quantum defect of excitons in Cu ₂ O. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016 , 49, 134003	1-3	15
391	Carrier relaxation in (In,Ga)As quantum dots with magnetic field-induced anharmonic level structure. <i>Applied Physics Letters</i> , 2016 , 109, 012103	3-4	2
390	Giant photon bunching, superradiant pulse emission and excitation trapping in quantum-dot nanolasers. <i>Nature Communications</i> , 2016 , 7, 11540	17.4	78
389	Dispersion of the electron g factor anisotropy in InAs/InP self-assembled quantum dots. <i>Journal of Applied Physics</i> , 2016 , 120, 084301	2-5	5
388	Extended pump-probe Faraday rotation spectroscopy of the submicrosecond electron spin dynamics in n-type GaAs. <i>Physical Review B</i> , 2016 , 94,	3-3	22
387	Polaron-induced lattice distortion of (In,Ga)As/GaAs quantum dots by optically excited carriers. <i>Nanotechnology</i> , 2016 , 27, 425702	3-4	6

386	Quantum chaos and breaking of all anti-unitary symmetries in Rydberg excitons. <i>Nature Materials</i> , 2016 , 15, 741-5	27	71
385	Quantum technology: from research to application. <i>Applied Physics B: Lasers and Optics</i> , 2016 , 122, 1	1.9	21
384	Exciton and trion dynamics in atomically thin MoSe ₂ and WSe ₂ : Effect of localization. <i>Physical Review B</i> , 2016 , 94,	3.3	88
383	Coherent Control of the Exciton-Biexciton System in an InAs Self-Assembled Quantum Dot Ensemble. <i>Physical Review Letters</i> , 2016 , 117, 157402	7.4	25
382	Signatures of Quantum Coherences in Rydberg Excitons. <i>Physical Review Letters</i> , 2016 , 117, 133003	7.4	32
381	Novel mechanisms of optical harmonic generation on excitons in semiconductors 2015 ,		1
380	Femtosecond Photo-Induced Phenomena in Multiferroic Hexagonal Manganite YMnO ₃ . <i>Solid State Phenomena</i> , 2015 , 233-234, 149-152	0.4	
379	Photoluminescence of two-dimensional GaTe and GaSe films. <i>2D Materials</i> , 2015 , 2, 035010	5.9	51
378	Picosecond acoustics in semiconductor optoelectronic nanostructures. <i>Ultrasonics</i> , 2015 , 56, 122-8	3.5	6
377	Stochastic pumping of a polariton fluid. <i>Physical Review A</i> , 2015 , 91,	2.6	2
376	Longitudinal and transverse spin dynamics of donor-bound electrons in fluorine-doped ZnSe: Spin inertia versus Hanle effect. <i>Physical Review B</i> , 2015 , 91,	3.3	28
375	Resonant driving of magnetization precession in a ferromagnetic layer by coherent monochromatic phonons. <i>Physical Review B</i> , 2015 , 92,	3.3	40
374	Faster energy transfer of dark excitons enhanced by a magnetic field in an ensemble of CdTe colloidal nanocrystals. <i>Physical Review B</i> , 2015 , 92,	3.3	10
373	Resonant optical alignment and orientation of Mn ²⁺ spins in CdMnTe crystals. <i>Physical Review B</i> , 2015 , 92,	3.3	5
372	Inhomogeneous nuclear spin polarization induced by helicity-modulated optical excitation of fluorine-bound electron spins in ZnSe. <i>Physical Review B</i> , 2015 , 92,	3.3	7
371	Electric field effect on optical harmonic generation at the exciton resonances in GaAs. <i>Physical Review B</i> , 2015 , 92,	3.3	20
370	All-optical flow control of a polariton condensate using nonresonant excitation. <i>Physical Review B</i> , 2015 , 91,	3.3	33
369	Electron and hole g factors in InAs/InAlGaAs self-assembled quantum dots emitting at telecom wavelengths. <i>Physical Review B</i> , 2015 , 92,	3.3	19

- 368 Ground and excited states of iron centers in ZnO: Pulse-EPR and magneto-optical spectroscopy. *Physical Review B*, **2015**, 92, 3-3 5
- 367 Nuclear spin polarization in the electron spin-flip Raman scattering of singly charged (In,Ga)As/GaAs quantum dots. *Physical Review B*, **2015**, 92, 3-3 3
- 366 Photon-Statistics Excitation Spectroscopy of a Quantum-Dot Micropillar Laser. *Physical Review Letters*, **2015**, 115, 027401 7-4 15
- 365 Observation of High Angular Momentum Excitons in Cuprous Oxide. *Physical Review Letters*, **2015**, 115, 027402 7-4 63
- 364 Influence of the Nuclear Electric Quadrupolar Interaction on the Coherence Time of Hole and Electron Spins Confined in Semiconductor Quantum Dots. *Physical Review Letters*, **2015**, 115, 207401 7-4 31
- 363 Rydberg-Exzitonen in die großen künstlichen Wasserstoffatome. *Physik in Unserer Zeit*, **2015**, 46, 6-7 0-1
- 362 Tunable Optical Nanocavity of Iron-garnet with a Buried Metal Layer. *Materials*, **2015**, 8, 3012-3023 3-5 6
- 361 Model for the light-induced magnetization in singly charged quantum dots. *Physical Review B*, **2015**, 91, 3-3 1
- 360 Exciton spin dynamics and photoluminescence polarization of CdSe/CdS dot-in-rod nanocrystals in high magnetic fields. *Physical Review B*, **2015**, 91, 3-3 23
- 359 Impact of nanomechanical resonances on lasing from electrically pumped quantum dot micropillars. *Applied Physics Letters*, **2015**, 106, 041103 3-4 11
- 358 Ultrafast Photoinduced Linear and Circular Anisotropy in Multiferroic Manganite YMnO₃. *Springer Proceedings in Physics*, **2015**, 210-213 0-2
- 357 Rabi Oscillations in an InAs Quantum Dot Ensemble Observed in Pre-pulse 2D Coherent Spectroscopy. *Springer Proceedings in Physics*, **2015**, 271-274 0-2
- 356 Recombination dynamics of band edge excitons in quasi-two-dimensional CdSe nanoplatelets. *Nano Letters*, **2014**, 14, 1134-9 11-5 95
- 355 Exciton spin dynamics of colloidal CdTe nanocrystals in magnetic fields. *Physical Review B*, **2014**, 89, 3-3 14
- 354 Magnetophotonic intensity effects in hybrid metal-dielectric structures. *Physical Review B*, **2014**, 89, 3-3 27
- 353 Access to long-term optical memories using photon echoes retrieved from semiconductor spins. *Nature Photonics*, **2014**, 8, 851-857 33-9 46
- 352 Tuning Energy Splitting and Recombination Dynamics of Dark and Bright Excitons in CdSe/CdS Dot-in-Rod Colloidal Nanostructures. *Journal of Physical Chemistry C*, **2014**, 118, 22309-22316 3-8 35
- 351 Quantum-memory effects in the emission of quantum-dot microcavities. *Physical Review Letters*, **2014**, 113, 093902 7-4 15

350	Transformation of mode polarization in gyrotropic plasmonic waveguides. <i>Laser Physics</i> , 2014 , 24, 0940062	29
349	Giant Rydberg excitons in the copper oxide Cu ₂ O. <i>Nature</i> , 2014 , 514, 343-7	50.4 197
348	Spin noise spectroscopy beyond thermal equilibrium and linear response. <i>Physical Review Letters</i> , 2014 , 113, 156601	7.4 24
347	Two-colour spin noise spectroscopy and fluctuation correlations reveal homogeneous linewidths within quantum-dot ensembles. <i>Nature Communications</i> , 2014 , 5, 4949	17.4 38
346	Nonlinear spectroscopy of exciton-polaritons in a GaAs-based microcavity. <i>Physical Review B</i> , 2014 , 90,	3.3 10
345	Lasing from active optomechanical resonators. <i>Nature Communications</i> , 2014 , 5, 4038	17.4 27
344	Coherent coupling of excitons and trions in a photoexcited CdTe/CdMgTe quantum well. <i>Physical Review Letters</i> , 2014 , 112, 097401	7.4 35
343	Spin-flip Raman scattering of the resident electron in singly charged (In,Ga)As/GaAs quantum dot ensembles. <i>Physical Review B</i> , 2014 , 90,	3.3 12
342	All-optical NMR in semiconductors provided by resonant cooling of nuclear spins interacting with electrons in the resonant spin amplification regime. <i>Physical Review B</i> , 2014 , 90,	3.3 18
341	All-optical tomography of electron spins in (In,Ga)As quantum dots. <i>Physical Review B</i> , 2014 , 89,	3.3 4
340	High magnetic field studies of charged exciton localization in GaAs/Al _x Ga _{1-x} As quantum wells. <i>Applied Physics Letters</i> , 2014 , 105, 112104	3.4 3
339	Excitation of complex spin dynamics patterns in a quantum-dot electron spin ensemble. <i>Physical Review B</i> , 2014 , 90,	3.3 3
338	Influence of interactions with noncondensed particles on the coherence of a one-dimensional polariton condensate. <i>Physical Review B</i> , 2014 , 89,	3.3 17
337	Orientation of electron spins in hybrid ferromagnetic semiconductor nanostructures. <i>Physica Status Solidi (B): Basic Research</i> , 2014 , 251, 1663-1672	1.3 9
336	All-optical implementation of a dynamic decoupling protocol for hole spins in (In,Ga)As quantum dots. <i>Physical Review B</i> , 2014 , 90,	3.3 5
335	Spin mode locking in quantum dots revisited. <i>Physica Status Solidi (B): Basic Research</i> , 2014 , 251, 1892-1913	1.3 7
334	Spin coherence of electrons and holes in ZnSe-based quantum wells studied by pump-probe Kerr rotation. <i>Physica Status Solidi (B): Basic Research</i> , 2014 , 251, 1872-1880	1.3 11
333	Nuclear magnetic resonances in (In,Ga)As/GaAs quantum dots studied by resonant optical pumping. <i>Physical Review B</i> , 2014 , 89,	3.3 17

332	Spin-flip Raman scattering of the $\tilde{\chi}$ mixed exciton in indirect band gap (In,Al)As/AlAs quantum dots. <i>Physical Review B</i> , 2014 , 90,	3.3	17
331	Heating of the Mn spin system by photoexcited holes in type-II (Zn,Mn)Se/(Be,Mn)Te quantum wells. <i>Physica Status Solidi (B): Basic Research</i> , 2014 , 251, 1694-1699	1.3	4
330	Hypersonic properties of monodisperse spherical mesoporous silica particles. <i>Journal Physics D: Applied Physics</i> , 2014 , 47, 335303	3	5
329	Picosecond inverse magnetostriction in galfenol thin films. <i>Applied Physics Letters</i> , 2013 , 103, 032409	3.4	42
328	Plasmon-mediated magneto-optical transparency. <i>Nature Communications</i> , 2013 , 4, 2128	17.4	144
327	Tuning of the transverse magneto-optical Kerr effect in magneto-plasmonic crystals. <i>New Journal of Physics</i> , 2013 , 15, 075024	2.9	66
326	Second-harmonic generation spectroscopy of excitons in ZnO. <i>Physical Review B</i> , 2013 , 88,	3.3	46
325	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,	3.3	22
324	Microsecond Lifetime of Exciton Spin Polarization in (In,Al)As/AlAs Quantum Dots. <i>Optoelectronics, Instrumentation and Data Processing</i> , 2013 , 49, 514-519	0.6	
323	Spin dynamics of negatively charged excitons in CdSe/CdS colloidal nanocrystals. <i>Physical Review B</i> , 2013 , 88,	3.3	56
322	Correlation and dephasing effects on the non-radiative coherence between bright excitons in an InAs QD ensemble measured with 2D spectroscopy. <i>Solid State Communications</i> , 2013 , 163, 65-69	1.6	21
321	Magneto-Stark effect of excitons as the origin of second harmonic generation in ZnO. <i>Physical Review Letters</i> , 2013 , 110, 116402	7.4	23
320	Determination of operating parameters for a GaAs-based polariton laser. <i>Applied Physics Letters</i> , 2013 , 102, 081115	3.4	6
319	Thermal activation of non-radiative Auger recombination in charged colloidal nanocrystals. <i>Nature Nanotechnology</i> , 2013 , 8, 206-12	28.7	178
318	Electron spin dynamics and optical orientation of Mn ²⁺ ions in GaAs. <i>Journal of Applied Physics</i> , 2013 , 113, 136501	2.5	6
317	Optical spectroscopy of spin noise. <i>Physical Review Letters</i> , 2013 , 110, 176601	7.4	61
316	Compressive adaptive computational ghost imaging. <i>Scientific Reports</i> , 2013 , 3, 1545	4.9	72
315	Spin-flip Raman scattering of the neutral and charged excitons confined in a CdTe/(Cd,Mg)Te quantum well. <i>Physical Review B</i> , 2013 , 87,	3.3	21

314	Signatures of coherent propagation of blue polaritons in Cu ₂ O. <i>Physical Review B</i> , 2013 , 87,	3-3	14
313	Ultrafast photoinduced linear and circular optical anisotropy in the multiferroic hexagonal manganite YMnO ₃ . <i>Physical Review B</i> , 2013 , 88,	3-3	7
312	Waveguide-Plasmon Polaritons Enhance Transverse Magneto-Optical Kerr Effect. <i>Physical Review X</i> , 2013 , 3,	9-1	56
311	Picosecond opto-acoustic interferometry and polarimetry in high-index GaAs. <i>Optics Express</i> , 2013 , 21, 16473-85	3-3	12
310	The Hg isoelectronic defect in ZnO. <i>Journal of Applied Physics</i> , 2013 , 114, 193515	2-5	1
309	Magnetization precession induced by quasitransverse picosecond strain pulses in (311) ferromagnetic (Ga,Mn)As. <i>Physical Review B</i> , 2013 , 87,	3-3	28
308	Resources of polarimetric sensitivity in spin noise spectroscopy. <i>Physical Review B</i> , 2013 , 88,	3-3	19
307	Magnetic field induced nutation of exciton-polariton polarization in (Cd,Zn)Te crystals. <i>Physical Review B</i> , 2013 , 88,	3-3	6
306	Hanle effect in (In,Ga)As quantum dots: Role of nuclear spin fluctuations. <i>Physical Review B</i> , 2013 , 87,	3-3	6
305	Fifth-order nonlinear optical response of excitonic states in an InAs quantum dot ensemble measured with two-dimensional spectroscopy. <i>Physical Review B</i> , 2013 , 87,	3-3	35
304	Combined influence of Coulomb interaction and polarons on the carrier dynamics in InGaAs quantum dots. <i>Physical Review B</i> , 2013 , 88,	3-3	24
303	Uniaxial stress and Zeeman spectroscopy of the 3.324-eV Ge-related photoluminescence in ZnO. <i>Physical Review B</i> , 2013 , 87,	3-3	5
302	Influence of confinement on biexciton binding in semiconductor quantum dot ensembles measured with two-dimensional spectroscopy. <i>Physical Review B</i> , 2013 , 87,	3-3	43
301	Biexcitons in semiconductor quantum dot ensembles. <i>Physica Status Solidi (B): Basic Research</i> , 2013 , 250, 1753-1759	1-3	6
300	Charge conversion of nearly free and impurity bound magneto-trions immersed in 2D electron or hole gas with optically tunable concentration. <i>Journal of Physics: Conference Series</i> , 2013 , 456, 012017	0-3	
299	Dynamics of nuclear polarization in InGaAs quantum dots in a transverse magnetic field. <i>Journal of Experimental and Theoretical Physics</i> , 2012 , 114, 681-690	1	5
298	Photon correlations in semiconductor nanostructures 2012 , 154-185		
297	Spatial dynamics of stepwise homogeneously pumped polariton condensates. <i>Physical Review B</i> , 2012 , 86,	3-3	7

296	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. <i>Physical Review B</i> , 2012 , 85,	3-3	48
295	Spin coherence generation in negatively charged self-assembled (In,Ga)As quantum dots by pumping excited trion states. <i>Physical Review B</i> , 2012 , 86,	3-3	7
294	Destruction and recurrence of excitons by acoustic shock waves on picosecond time scales. <i>Physical Review B</i> , 2012 , 86,	3-3	4
293	Spin dephasing of fluorine-bound electrons in ZnSe. <i>Physical Review B</i> , 2012 , 85,	3-3	27
292	Hole spin precession in a (In,Ga)As quantum dot ensemble: From resonant spin amplification to spin mode locking. <i>Physical Review B</i> , 2012 , 86,	3-3	20
291	Laser mode feeding by shaking quantum dots in a planar microcavity. <i>Nature Photonics</i> , 2012 , 6, 30-34	33-9	63
290	Modulation of a surface plasmon-polariton resonance by subterahertz diffracted coherent phonons. <i>Physical Review B</i> , 2012 , 86,	3-3	15
289	Hyperfine interaction mediated exciton spin relaxation in (In,Ga)As quantum dots. <i>Physical Review B</i> , 2012 , 85,	3-3	14
288	Nanolattices of switchable DNA-based motors. <i>Small</i> , 2012 , 8, 3000-8	11	7
287	Intrinsic spin fluctuations reveal the dynamical response function of holes coupled to nuclear spin baths in (In,Ga)As quantum dots. <i>Physical Review Letters</i> , 2012 , 108, 186603	7-4	75
286	Excitation of spin waves in ferromagnetic (Ga,Mn)As layers by picosecond strain pulses. <i>Physical Review B</i> , 2012 , 85,	3-3	50
285	Dynamic spin polarization by orientation-dependent separation in a ferromagnet-semiconductor hybrid. <i>Nature Communications</i> , 2012 , 3, 959	17-4	41
284	Cyclotron-resonant exciton transfer between the nearly free and strongly localized radiative states of a two-dimensional hole gas in a high magnetic field. <i>Physical Review B</i> , 2012 , 85,	3-3	7
283	Plasmonic crystals for ultrafast nanophotonics: Optical switching of surface plasmon polaritons. <i>Physical Review B</i> , 2012 , 85,	3-3	49
282	Temperature dependence of pulsed polariton lasing in a GaAs microcavity. <i>New Journal of Physics</i> , 2012 , 14, 083014	2-9	13
281	Spin relaxation of negatively charged excitons in (In,Al)As/AlAs quantum dots with indirect band gap and type-I band alignment. <i>Applied Physics Letters</i> , 2012 , 101, 142108	3-4	13
280	Hybrid structures of magnetic semiconductors and plasmonic crystals: a novel concept for magneto-optical devices [Invited]. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2012 , 29, A103	1-7	11
279	Coherence time measurements using a single detector with variable time resolution. <i>Optics Letters</i> , 2012 , 37, 2811-3	3	4

278	Studying periodic nanostructures by probing the in-sample optical far-field using coherent phonons. <i>Applied Physics Letters</i> , 2012 , 101, 243117	3-4	3
277	Characterization of two-threshold behavior of the emission from a GaAs microcavity. <i>Physical Review B</i> , 2012 , 85,	3-3	51
276	Non-resonant optical excitation of mode-locked electron spin coherence in (In,Ga)As/GaAs quantum dot ensemble. <i>Applied Physics Letters</i> , 2012 , 100, 232107	3-4	4
275	Resonant spin amplification of resident electrons in CdTe/(Cd,Mg)Te quantum wells subject to tilted magnetic fields. <i>Physical Review B</i> , 2012 , 86,	3-3	12
274	Magnetic-field control of photon echo from the electron-trion system in a CdTe quantum well: shuffling coherence between optically accessible and inaccessible states. <i>Physical Review Letters</i> , 2012 , 109, 157403	7-4	23
273	Optical third harmonic generation in the magnetic semiconductor EuSe. <i>Physical Review B</i> , 2012 , 85,	3-3	13
272	All-optical control of quantized momenta on a polariton staircase. <i>Physical Review B</i> , 2012 , 85,	3-3	20
271	Electron and hole spins in InP/(Ga,In)P self-assembled quantum dots. <i>Physical Review B</i> , 2012 , 86,	3-3	9
270	Reduced charge transfer exciton recombination in organic semiconductor heterojunctions by molecular doping. <i>Physical Review Letters</i> , 2011 , 107, 127402	7-4	68
269	Resonant nuclear spin pumping in (In,Ga)As quantum dots. <i>Physical Review B</i> , 2011 , 84,	3-3	15
268	Optical control of coherent interactions between electron spins in InGaAs quantum dots. <i>Physical Review Letters</i> , 2011 , 107, 137402	7-4	14
267	Dispersion of electron g-factor with optical transition energy in (In,Ga)As/GaAs self-assembled quantum dots. <i>Applied Physics Letters</i> , 2011 , 98, 233102	3-4	15
266	Extrapolation of the intensity autocorrelation function of a quantum-dot micropillar laser into the thermal emission regime. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2011 , 28, 1404	1-7	7
265	Positively versus negatively charged excitons: A high magnetic field study of CdTe/Cd _{1-x} Mg _x Te quantum wells. <i>Physical Review B</i> , 2011 , 83,	3-3	25
264	Theory of magnetization precession induced by a picosecond strain pulse in ferromagnetic semiconductor (Ga,Mn)As. <i>Physical Review B</i> , 2011 , 84,	3-3	24
263	Exciton recombination dynamics in an ensemble of (In,Al)As/AlAs quantum dots with indirect band-gap and type-I band alignment. <i>Physical Review B</i> , 2011 , 84,	3-3	30
262	Strong temperature destabilization of free exciton recombination in a two-dimensional structures with hole gas. <i>Journal of Physics: Conference Series</i> , 2011 , 334, 012050	0-3	
261	Enhanced magneto-optical effects in magnetoplasmonic crystals. <i>Nature Nanotechnology</i> , 2011 , 6, 370-628.7		401

260	Optical orientation of Mn ²⁺ ions in GaAs in weak longitudinal magnetic fields. <i>Physical Review Letters</i> , 2011 , 106, 147402	7.4	10
259	Phonon-assisted exciton spin relaxation in (In,Ga)As/GaAs quantum dots. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2011 , 8, 1165-1168		1
258	Anisotropy of electron and hole g-factors in (In,Ga)As quantum dots. <i>Applied Physics Letters</i> , 2011 , 99, 221914	3.4	35
257	Intensity magneto-optical effect in magnetoplasmonic crystals. <i>Journal of Physics: Conference Series</i> , 2011 , 303, 012038	0.3	7
256	Optical and photocurrent spectroscopy with picosecond strain pulses. <i>Journal of Luminescence</i> , 2011 , 131, 404-408	3.8	6
255	Exciton states in shallow ZnSe/(Zn,Mg)Se quantum wells: Interaction of confined and continuum electron and hole states. <i>Physical Review B</i> , 2011 , 83,	3.3	17
254	Nonlinearity sensing via photon-statistics excitation spectroscopy. <i>Physical Review A</i> , 2011 , 84,	2.6	12
253	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,	3.3	13
252	Anisotropic effective mass of orthoexcitons in Cu ₂ O. <i>Physical Review B</i> , 2011 , 84,	3.3	3
251	Long-lived electron spin coherence in CdSe/Zn(S,Se) self-assembled quantum dots. <i>Physical Review B</i> , 2011 , 84,	3.3	32
250	Paraexcitons of Cu ₂ O confined by a strain trap and high magnetic fields. <i>Physical Review B</i> , 2011 , 84,	3.3	12
249	From polariton condensates to highly photonic quantum degenerate states of bosonic matter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 1804-9	11.5	63
248	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	0.6	
247	Spin Relaxation in GaAs Doped with Magnetic (Mn) Atoms. <i>Solid State Phenomena</i> , 2010 , 168-169, 47-54	0.4	0
246	Temperature dependence of homogeneous broadening of the 1S paraexciton in Cu ₂ O. <i>Physical Review B</i> , 2010 , 81,	3.3	7
245	Optical second harmonic generation in the centrosymmetric magnetic semiconductors EuTe and EuSe. <i>Physical Review B</i> , 2010 , 81,	3.3	17
244	Ultrafast tracking of second-order photon correlations in the emission of quantum-dot microresonator lasers. <i>Physical Review B</i> , 2010 , 81,	3.3	32
243	Optical bandpass switching by modulating a microcavity using ultrafast acoustics. <i>Physical Review B</i> , 2010 , 81,	3.3	28

242	Subnanosecond delay of light in Cd _x Zn _{1-x} Te crystals. <i>Physical Review B</i> , 2010 , 82,	3-3	5
241	Dynamical control of Mn spin-system cooling by photogenerated carriers in a (Zn,Mn)Se/BeTe heterostructure. <i>Physical Review B</i> , 2010 , 82,	3-3	5
240	Optical third-harmonic spectroscopy of the magnetic semiconductor EuTe. <i>Physical Review B</i> , 2010 , 82,	3-3	15
239	Spin dynamics of electrons and holes in InGaAs/GaAs quantum wells at millikelvin temperatures. <i>Physical Review B</i> , 2010 , 81,	3-3	24
238	Spin diffusion in the Mn ²⁺ ion system of II-VI diluted magnetic semiconductor heterostructures. <i>Physical Review B</i> , 2010 , 82,	3-3	14
237	Filtering of elastic waves by opal-based hypersonic crystal. <i>Nano Letters</i> , 2010 , 10, 1319-23	11.5	19
236	Measuring the dynamics of second-order photon correlation functions inside a pulse with picosecond time resolution. <i>Optics Express</i> , 2010 , 18, 20229-41	3-3	33
235	Spin noise of electrons and holes in self-assembled quantum dots. <i>Physical Review Letters</i> , 2010 , 104, 036601	7-4	121
234	Optical control of electron spin coherence in CdTe/(Cd,Mg)Te quantum wells. <i>Physical Review B</i> , 2010 , 81,	3-3	21
233	Optically detected magnetic resonance at the quadrupole-split nuclear states in (In,Ga)As/GaAs quantum dots. <i>Physical Review B</i> , 2010 , 82,	3-3	24
232	Coherent magnetization precession in ferromagnetic (Ga,Mn)As induced by picosecond acoustic pulses. <i>Physical Review Letters</i> , 2010 , 105, 117204	7-4	132
231	Effect of pump-probe detuning on the Faraday rotation and ellipticity signals of mode-locked spins in (In,Ga)As/GaAs quantum dots. <i>Physical Review B</i> , 2010 , 82,	3-3	27
230	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	
229	Time-resolved Hanle effect in (In,Ga)As/GaAs quantum dots. <i>Journal of Physics: Conference Series</i> , 2010 , 245, 012055	0-3	1
228	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
227	Photo-EPR and magneto-optical spectroscopy of iron centres in ZnO. <i>Physica Status Solidi (B): Basic Research</i> , 2010 , 247, 1517-1520	1-3	7
226	Novel mechanisms of optical harmonics generation in semiconductors. <i>Physica Status Solidi (B): Basic Research</i> , 2010 , 247, 1498-1504	1-3	16
225	Exciton magnetic polaron in CdMnSe/CdMgSe quantum wells. <i>Physica Status Solidi (B): Basic Research</i> , 2010 , 247, 1508-1510	1-3	4

224	Ensemble spin coherence of singly charged InGaAs quantum dots. <i>Nanoscience and Technology</i> , 2010 , 85-127	0.6	1
223	Resonant stimulated Brillouin scattering of orthoexcitons in Cu ₂ O. <i>Physical Review B</i> , 2009 , 80,	3.3	1
222	Carrier relaxation dynamics in self-assembled semiconductor quantum dots. <i>Physical Review B</i> , 2009 , 80,	3.3	47
221	Collective single-mode precession of electron spins in an ensemble of singly charged (In,Ga)As/GaAs quantum dots. <i>Physical Review B</i> , 2009 , 79,	3.3	28
220	Dynamics of the nuclear spin polarization by optically oriented electrons in a (In,Ga)As/GaAs quantum dot ensemble. <i>Physical Review B</i> , 2009 , 80,	3.3	30
219	Spin-induced optical second harmonic generation in the centrosymmetric magnetic semiconductors EuTe and EuSe. <i>Physical Review Letters</i> , 2009 , 103, 057203	7.4	38
218	Terahertz polariton sidebands generated by ultrafast strain pulses in an optical semiconductor microcavity. <i>Physical Review B</i> , 2009 , 80,	3.3	20
217	Coupled electron-nuclear spin dynamics in quantum dots: A graded box model approach. <i>Physical Review B</i> , 2009 , 80,	3.3	20
216	Spin coherence of holes and electrons in undoped CdTe/(Cd,Mg)Te quantum wells. <i>Physical Review B</i> , 2009 , 79,	3.3	16
215	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,	3.3	12
214	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	7.4	34
213	ELECTRON SPIN COHERENCE IN SINGLY CHARGED QUANTUM DOTS. <i>International Journal of Modern Physics B</i> , 2009 , 23, 2813-2825	1.1	1
212	Ultrafast intensity correlation measurements of quantum dot microcavity lasers. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2009 , 6, 399-402		
211	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		2
210	Paraexciton polariton propagation beats in cuprous oxide. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2009 , 6, 556-559		2
209	Direct observation of correlations between individual photon emission events of a microcavity laser. <i>Nature</i> , 2009 , 460, 245-9	50.4	167
208	Ultrafast optical rotations of electron spins in quantum dots. <i>Nature Physics</i> , 2009 , 5, 262-266	16.2	183
207	Optical tailoring of electron spin coherence in quantum dots. <i>Solid State Communications</i> , 2009 , 149, 1466-1471	1.6	6

206	Coherent Electron Spin Dynamics in Quantum Dots. <i>Nanoscience and Technology</i> , 2009 , 121-143	0.6	
205	Higher-order photon bunching in a semiconductor microcavity. <i>Science</i> , 2009 , 325, 297-300	33.3	91
204	Electron-spin dynamics in Mn-doped GaAs using time-resolved magneto-optical techniques. <i>Physical Review B</i> , 2009 , 80,	3.3	17
203	Electron-Spin Dynamics in Self-Assembled (In,Ga)As/GaAs Quantum Dots. <i>Topics in Applied Physics</i> , 2009 , 51-80	0.5	
202	Time-resolved and continuous-wave optical spin pumping of semiconductor quantum wells. <i>Semiconductor Science and Technology</i> , 2008 , 23, 114001	1.8	28
201	Hypersonic modulation of light in three-dimensional photonic and phononic band-gap materials. <i>Physical Review Letters</i> , 2008 , 101, 033902	7.4	87
200	Effect of thermal annealing on the hyperfine interaction in InAs/GaAs quantum dots. <i>Physical Review B</i> , 2008 , 78,	3.3	57
199	Optically detected magnetic resonance in (Zn,Mn)Se/(Zn,Be)Se quantum wells. <i>Physical Review B</i> , 2008 , 78,	3.3	10
198	Temperature-induced spin-coherence dissipation in quantum dots. <i>Physical Review B</i> , 2008 , 78,	3.3	24
197	Resonant phonon scattering of paraexcitons in Cu ₂ O. <i>Physical Review B</i> , 2008 , 78,	3.3	12
196	Ultrafast control of light emission from a quantum-well semiconductor microcavity using picosecond strain pulses. <i>Physical Review B</i> , 2008 , 78,	3.3	28
195	Coherent Spin Dynamics of Carriers. <i>Springer Series in Solid-state Sciences</i> , 2008 , 135-177	0.4	12
194	Ultrannarrow optical absorption and two-phonon excitation spectroscopy of Cu ₂ O paraexcitons in a high magnetic field. <i>Physical Review Letters</i> , 2007 , 99, 217403	7.4	57
193	Chirping of an optical transition by an ultrafast acoustic soliton train in a semiconductor quantum well. <i>Physical Review Letters</i> , 2007 , 99, 057402	7.4	37
192	Universal behavior of the electron g factor in GaAs _{1-x} Ga _x As quantum wells. <i>Physical Review B</i> , 2007 , 75,	3.3	102
191	COHERENT SPIN DYNAMICS OF ELECTRONS IN II-VI SEMICONDUCTOR QUANTUM WELLS. <i>International Journal of Modern Physics B</i> , 2007 , 21, 1336-1346	1.1	5
190	Nuclei-induced frequency focusing of electron spin coherence. <i>Science</i> , 2007 , 317, 1896-9	33.3	187
189	Spin coherence of a two-dimensional electron gas induced by resonant excitation of trions and excitons in CdTe(Cd,Mg)Te quantum wells. <i>Physical Review B</i> , 2007 , 76,	3.3	79

188	Influence of geometric disorder on the band structure of a photonic crystal: Experiment and theory. <i>Physical Review B</i> , 2007 , 75,	3-3	12
187	Ultrafast stop band kinetics in a three-dimensional opal-VO ₂ photonic crystal controlled by a photoinduced semiconductor-metal phase transition. <i>Physical Review B</i> , 2007 , 75,	3-3	55
186	Ultrafast optical pumping of spin and orbital polarizations in the antiferromagnetic Mott insulators R(2)CuO(4). <i>Physical Review Letters</i> , 2007 , 98, 047403	7-4	17
185	Electron-spin dephasing in GaAs/Al _{0.34} Ga _{0.66} As quantum wells with a gate-controlled electron density. <i>Physical Review B</i> , 2007 , 75,	3-3	21
184	Spin coherence of holes in GaAs/(Al,Ga)As quantum wells. <i>Physical Review Letters</i> , 2007 , 99, 187401	7-4	63
183	Exciton fine structure in InGaAs/GaAs quantum dots revisited by pump-probe Faraday rotation. <i>Physical Review B</i> , 2007 , 75,	3-3	58
182	Radiative and nonradiative recombination in type-II ZnSe/BeTe quantum wells. <i>Physical Review B</i> , 2007 , 76,	3-3	10
181	Systematic study of carrier correlations in the electron-hole recombination dynamics of quantum dots. <i>Physical Review B</i> , 2007 , 76,	3-3	29
180	Robust manipulation of electron spin coherence in an ensemble of singly charged quantum dots. <i>Physical Review B</i> , 2007 , 75,	3-3	29
179	Spin Coherence of Holes in GaAs/AlGaAs Quantum Wells. <i>AIP Conference Proceedings</i> , 2007 ,	0	2
178	Phononic properties of opals. <i>Journal of Physics: Conference Series</i> , 2007 , 92, 012107	0-3	2
177	Acoustic solitons in semiconductor nanostructures. <i>Journal of Physics: Conference Series</i> , 2007 , 92, 0120023	3	3
176	Subsecond spin relaxation times in quantum dots at zero applied magnetic field due to a strong electron-nuclear interaction. <i>Physical Review Letters</i> , 2007 , 98, 107401	7-4	66
175	Magneto-optical second-harmonic generation in semiconductors GaAs and CdTe 2006 , 6259, 18		1
174	Temperature dependence of optical linewidth in single InAs quantum dots. <i>Physical Review B</i> , 2006 , 74,	3-3	25
173	Spin and orbital quantization of electronic states as origins of second harmonic generation in semiconductors. <i>Physical Review Letters</i> , 2006 , 96, 117211	7-4	13
172	Direct energy transfer from photocarriers to Mn-ion system in II-VI diluted-magnetic-semiconductor quantum wells. <i>Physical Review B</i> , 2006 , 73,	3-3	35
171	Distribution of antiferromagnetic spin and twin domains in NiO. <i>Physical Review B</i> , 2006 , 74,	3-3	31

170	Tailored quantum dots for entangled photon pair creation. <i>Physical Review B</i> , 2006 , 73,	3-3	49
169	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,	3-3	19
168	Electron spin coherence in n-doped CdTe/MgTe quantum wells. <i>Applied Physics Letters</i> , 2006 , 89, 2211134	3-4	15
167	Coherent spin dynamics of an interwell excitonic gas in GaAs/AlGaAs coupled quantum wells. <i>Physical Review B</i> , 2006 , 73,	3-3	7
166	Correlations between magnetic and electrical orderings in multiferroic manganites (invited). <i>Journal of Applied Physics</i> , 2006 , 99, 08E302	2-5	34
165	Ultrafast band-gap shift induced by a strain pulse in semiconductor heterostructures. <i>Physical Review Letters</i> , 2006 , 97, 037401	7-4	54
164	Optical control of spin coherence in singly charged (In,Ga)As/GaAs quantum dots. <i>Physical Review Letters</i> , 2006 , 96, 227401	7-4	176
163	Acoustic and optical phonon scattering of the 1S yellow orthoexciton in Cu ₂ O. <i>Physical Review B</i> , 2006 , 73,	3-3	9
162	Electric field control of magnetization dynamics in ZnMnSe/ZnBeSe diluted-magnetic-semiconductor heterostructures. <i>Applied Physics Letters</i> , 2006 , 88, 212105	3-4	12
161	Multiple transfer of angular momentum quanta from a spin-polarized hole to magnetic ions in Zn _{1-x} MnxSe/Zn _{1-y} BySe quantum wells. <i>Physical Review B</i> , 2006 , 73,	3-3	18
160	Engineering of spin-lattice relaxation dynamics by digital growth of diluted magnetic semiconductor CdMnTe. <i>Applied Physics Letters</i> , 2006 , 88, 152105	3-4	18
159	Magnetic-field-induced second-harmonic generation in the diluted magnetic semiconductors Cd _{1-x} MnxTe. <i>Physical Review B</i> , 2006 , 74,	3-3	11
158	Spin-lattice relaxation of Mn ions in ZnMnSe/ZnBeSe quantum wells measured under pulsed photoexcitation. <i>Physical Review B</i> , 2006 , 73,	3-3	35
157	Radiative emission dynamics of quantum dots in a single cavity micropillar. <i>Physical Review B</i> , 2006 , 74,	3-3	33
156	Mode locking of electron spin coherences in singly charged quantum dots. <i>Science</i> , 2006 , 313, 341-5	33-3	349
155	Control of quantum dot excitons by lateral electric fields. <i>Applied Physics Letters</i> , 2006 , 89, 123105	3-4	17
154	Ground-state emission from a single InAs/GaAs self-assembled quantum dot structure in ultrahigh magnetic fields. <i>Physical Review B</i> , 2006 , 74,	3-3	29
153	Energy relaxation in CdSe/ZnSe quantum dots under the strong exciton-phonon coupling regime. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006 , 3, 924-927		2

152	Electron spin coherence in singly charged (In,Ga)As/GaAs quantum dots. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006 , 3, 3740-3743		
151	Spin coherence of two-dimensional electron gas in CdTe/(Cd,Mg)Te quantum wells. <i>Physica Status Solidi (B): Basic Research</i> , 2006 , 243, 878-881	1.3	40
150	Picosecond kinetics of magnetization in optically excited (Zn,Mn)Se quantum wells. <i>Physica Status Solidi (B): Basic Research</i> , 2006 , 243, 934-938	1.3	
149	Nanosecond spin memory of electrons in CdTe/CdMgTe quantum wells. <i>Physica Status Solidi (B): Basic Research</i> , 2006 , 243, 858-862	1.3	10
148	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	1.3	1
147	High resolution spectroscopy of excitons in Cu ₂ O. <i>Physica Status Solidi (B): Basic Research</i> , 2006 , 243, 2367-2374	1.3	13
146	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	1.3	1
145	Picosecond carrier relaxation in type-II ZnSe/BeTe heterostructures. <i>JETP Letters</i> , 2006 , 83, 141-145	1.2	11
144	Influence of a lateral electric field on the optical properties of InAs quantum dots. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2006 , 32, 73-76	3	7
143	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	3	
142	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	0.6	
141	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	1.7	10
140	Control of vertically coupled InGaAs/GaAs quantum dots with electric fields. <i>Physical Review Letters</i> , 2005 , 94, 157401	7.4	127
139	Exciton lifetime in InAs/GaAs quantum dot molecules. <i>Physical Review B</i> , 2005 , 72,	3.3	52
138	Energy relaxation of electrons in InAs/GaAs quantum dot molecules. <i>Physical Review B</i> , 2005 , 72,	3.3	32
137	Temperature dependence of the excitonic band gap in In _x Ga _{1-x} As/GaAs self-assembled quantum dots. <i>Physical Review B</i> , 2005 , 72,	3.3	46
136	Dynamic band gap shifts and magneto-absorption of Cu ₂ O. <i>Journal of Luminescence</i> , 2005 , 112, 25-29	3.8	9
135	Coherent dynamics in InGaAs quantum dots and quantum dot molecules. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2005 , 26, 400-407	3	1

134	Experimental demonstration of coherent coupling of two quantum dots. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2005 , 26, 281-285	3	2
133	Collective behavior of a spin-aligned gas of interwell excitons in double quantum wells. <i>JETP Letters</i> , 2005 , 81, 108-111	1.2	2
132	High resolution spectroscopy of yellow 1S excitons in Cu ₂ O. <i>Solid State Communications</i> , 2005 , 134, 139-142	1.4	21
131	Anisotropic effective exciton mass in Cu ₂ O. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005 , 2, 886-889		14
130	Polarization selective polariton oscillation in quasi-one-dimensional microcavities. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005 , 2, 779-782		2
129	Correlated photon-pair emission from a charged single quantum dot. <i>Physical Review B</i> , 2005 , 71,	3.3	37
128	Polarization inversion via parametric scattering in quasi-one-dimensional microcavities. <i>Physical Review B</i> , 2005 , 71,	3.3	47
127	Magnetic-field-induced second-harmonic generation in semiconductor GaAs. <i>Physical Review Letters</i> , 2005 , 94, 157404	7.4	30
126	Electron cyclotron mass in undoped CdTe/CdMnTe quantum wells. <i>Physical Review B</i> , 2005 , 72,	3.3	11
125	Fine structure in the excitonic emission of InAs/GaAs quantum dot molecules. <i>Physical Review B</i> , 2005 , 71,	3.3	46
124	Electronic and Structural Properties of Interdiffused Self-Assembled Quantum Dots from Magneto-Photoluminescence. <i>Japanese Journal of Applied Physics</i> , 2004 , 43, 2088-2092	1.4	5
123	Bistability in the transmission of Cu ₂ O: Optical hysteresis in the high-resolution limit. <i>Physical Review B</i> , 2004 , 70,	3.3	6
122	Wave-vector-dependent exchange interaction and its relevance for the effective exciton mass in Cu ₂ O. <i>Physical Review B</i> , 2004 , 70,	3.3	30
121	Temperature dependence of the zero-phonon linewidth in InAs/GaAs quantum dots. <i>Physical Review B</i> , 2004 , 70,	3.3	32
120	Excitonic energy shell structure of self-assembled InGaAs/GaAs quantum dots. <i>Physical Review Letters</i> , 2004 , 92, 187402	7.4	103
119	Linear and nonlinear optical spectroscopy of gadolinium iron borate GdFe ₃ (BO ₃) ₄ . <i>JETP Letters</i> , 2004 , 80, 293-297	1.2	32
118	Impact of optical confinement on elastic polariton scattering in semiconductor microcavities. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2004 , 21, 825-829	3	
117	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		9

116	Exciton-hole complexes in self-assembled quantum dots in strong magnetic fields. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2004 , 21, 211-214	3	
115	Electric field control of exciton states in quantum dot molecules. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2004 , 21, 171-174	3	1
114	Exciton states in self-assembled InAs/GaAs quantum dot molecules. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2004 , 25, 249-260	3	14
113	Exciton fine structure in coupled quantum dots. <i>Physical Review B</i> , 2004 , 69,	3-3	27
112	Spatial photon trapping: tailoring the optical properties of semiconductor microcavities. <i>Semiconductor Science and Technology</i> , 2003 , 18, S339-S350	1.8	12
111	Magneto-optical studies of 2D hole Landau levels and screening of donor states in p-type modulation doped Ga _{0.5} Al _{0.5} As/GaAs interfaces. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2003 , 17, 260-261	3	
110	Impact of optical confinement on elastic polariton scattering in semiconductor microcavities. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2003 , 17, 461-462	3	
109	Control of light-matter interaction in microresonators. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2003 , 17, 393-397	3	4
108	K-dependent exchange interaction of quadrupole excitons in Cu ₂ O. <i>Physica Status Solidi (B): Basic Research</i> , 2003 , 238, 541-547	1-3	5
107	Optical detection of the Aharonov-Bohm effect on a charged particle in a nanoscale quantum ring. <i>Physical Review Letters</i> , 2003 , 90, 186801	7.4	188
106	Photoluminescence investigations of two-dimensional hole Landau levels in p-type single Al _x Ga _{1-x} As/GaAs heterostructures. <i>Physical Review B</i> , 2003 , 67,	3-3	19
105	Exciton dephasing in quantum dot molecules. <i>Physical Review Letters</i> , 2003 , 91, 267401	7.4	92
104	Fine structure of excitons in InAs/GaAs coupled quantum dots: a sensitive test of electronic coupling. <i>Physical Review Letters</i> , 2003 , 90, 086404	7.4	70
103	Wave-vector-dependent exciton exchange interaction. <i>Physical Review Letters</i> , 2003 , 91, 107401	7.4	29
102	Negatively Charged Exciton on a Quantum Ring. <i>Physica Status Solidi (B): Basic Research</i> , 2002 , 234, 273-282		21
101	Pump-and-Probe Studies of Exciton Polaritons in Semiconductor Microcavities: The Impact of Exciton Localization and Cavity Symmetry. <i>Physica Status Solidi A</i> , 2002 , 190, 421-425		
100	Confinement of Light in Microresonators for Controlling Light-Matter Interaction. <i>Physica Status Solidi A</i> , 2002 , 191, 3-32		16
99	Optical investigations of the above barrier state transitions in GaAs/Al _{0.3} Ga _{0.7} As double quantum wells. <i>Materials Science and Engineering C</i> , 2002 , 19, 167-169	8.3	

98	Entangled exciton states in quantum dot molecules. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002 , 12, 900-903	3	8
97	Fine structure of excitons: a sensitive tool for probing the symmetry of self-assembled quantum dots. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002 , 13, 123-126	3	4
96	Enhancement of the exciton exchange energy splitting by the confined light field in strained microcavities. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002 , 13, 394-397	3	2
95	Entangled states of electron-hole complex in a single InAs/GaAs coupled quantum dot molecule. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002 , 13, 610-615	3	19
94	Impurity-related emission in the photoluminescence from p-type modulation doped Al _{1-x} Ga _x As/GaAs heterostructures. <i>Solid State Communications</i> , 2002 , 122, 379-384	1.6	7
93	Near-field mapping of the electromagnetic field in confined photon geometries. <i>Physical Review B</i> , 2002 , 66,	3.3	13
92	Tailoring the polariton dispersion by optical confinement: Access to a manifold of elastic polariton pair scattering channels. <i>Physical Review B</i> , 2002 , 66,	3.3	38
91	Oscillations in the differential transmission of a semiconductor microcavity with reduced symmetry. <i>Physical Review B</i> , 2002 , 65,	3.3	12
90	Fine structure of neutral and charged excitons in self-assembled In(Ga)As/(Al)GaAs quantum dots. <i>Physical Review B</i> , 2002 , 65,	3.3	837
89	Temperature dependence of the exciton homogeneous linewidth in In _{0.60} Ga _{0.40} As/GaAs self-assembled quantum dots. <i>Physical Review B</i> , 2002 , 65,	3.3	372
88	Coupled In _{0.6} Ga _{0.4} As/GaAs quantum dots: a photoreflectance study 2001 , 4413, 139		
87	Photoreflectance spectroscopy of vertically coupled InGaAs/GaAs double quantum dots. <i>Solid State Communications</i> , 2001 , 117, 401-406	1.6	25
86	Impact of exciton localization on the optical non-linearities of cavity polaritons. <i>Solid State Communications</i> , 2001 , 119, 435-439	1.6	8
85	Excitonic States in In(Ga)As Self-Assembled Quantum Dots. <i>Physica Status Solidi (B): Basic Research</i> , 2001 , 224, 331-336	1.3	12
84	Optical Spectroscopy of Electronic States in a Single Pair of Vertically Coupled Self-Assembled Quantum Dots. <i>Physica Status Solidi (B): Basic Research</i> , 2001 , 224, 385-392	1.3	14
83	Coupling and entangling of quantum states in quantum dot molecules. <i>Science</i> , 2001 , 291, 451-3	33.3	691
82	Optical spectroscopy of a single Al _{0.36} In _{0.64} As/Al _{0.33} Ga _{0.67} As quantum dot. <i>Physical Review B</i> , 2001 , 63,	3.3	40
81	Control of light polarization in structured cavities by a magnetic field. <i>Physical Review B</i> , 2001 , 64,	3.3	1

80	Biexciton states in semiconductor microcavities. <i>Physical Review B</i> , 2001 , 63,	3.3	21
79	Photonic defect states in chains of coupled microresonators. <i>Physical Review B</i> , 2001 , 64,	3.3	14
78	Isomeric photonic molecules formed from coupled microresonators. <i>Physical Review E</i> , 2001 , 63, 0366112.	4	15
77	Inhibition and enhancement of the spontaneous emission of quantum dots in structured microresonators. <i>Physical Review Letters</i> , 2001 , 86, 3168-71	7.4	171
76	Parametric polariton scattering in microresonators with three-dimensional optical confinement. <i>Physical Review B</i> , 2001 , 64,	3.3	29
75	Photon band gap systems from semiconductor microcavities. <i>Synthetic Metals</i> , 2001 , 116, 457-460	3.6	
74	Walter-Schottky-Preis: Kontrolle von Licht in Mikroresonatoren: Quantenpunkte und photonische Kristalle lassen die Vision eines Optik-Chips näher rücken. <i>Physik Journal</i> , 2001 , 57, 75-80		1
73	Zeeman spin splittings in semiconductor nanostructures. <i>Physical Review B</i> , 2001 , 63,	3.3	73
72	Influence of Built-in Electric Field on Forbidden Transitions in In _x Ga _{1-x} As/GaAs Double Quantum Well by Three-Beam Photoreflectance. <i>Acta Physica Polonica A</i> , 2001 , 100, 417-424	0.6	9
71	Control of Light in Microresonators 2001 , 15-26		
70	Incoherent amplification phenomena in semiconductor microcavities. <i>Springer Proceedings in Physics</i> , 2001 , 657-658	0.2	
69	Magneto-photoreflectance of the above barrier state transitions in GaAs/Al _{0.3} Ga _{0.7} As double quantum wells. <i>Springer Proceedings in Physics</i> , 2001 , 569-570	0.2	
68	Coherent Spectroscopy on Quantum Wires 2001 , 405-442		
67	Confined optical modes in photonic molecules and crystals. <i>Springer Proceedings in Physics</i> , 2001 , 649-652.	2	
66	Biexcitons in Semiconductor Microcavities. <i>Physica Status Solidi (B): Basic Research</i> , 2000 , 221, 319-322	1.3	1
65	Effects of Confinement Potential Asymmetries on the Fine Structure of Excitons in Self-Assembled In _{0.60} Ga _{0.40} As Quantum Dots. <i>Physica Status Solidi A</i> , 2000 , 178, 297-301		3
64	Confined Optical Modes in Photonic Dots and Molecules. <i>Physica Status Solidi A</i> , 2000 , 178, 545-550		2
63	Photoreflectance spectroscopy of coupled In Ga _{1-x} As/GaAs quantum wells. <i>Thin Solid Films</i> , 2000 , 364, 220-223	2.2	6

62	Fine structure of excitons in self-assembled In _{0.60} Ga _{0.40} As quantum dots: Zeeman-interaction and exchange energy enhancement. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2000 , 7, 475-478	3	3
61	Semiconductor photonic molecules. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2000 , 7, 616-624	3	8
60	Hidden symmetries in the energy levels of excitonic artificial atoms <i>Nature</i> , 2000 , 405, 923-6	50.4	367
59	Photon confinement effects [From physics to applications]. <i>Microelectronic Engineering</i> , 2000 , 53, 21-28	2.5	5
58	Confined optical modes in photonic molecules and crystals 2000 , 499-514		2
57	Polariton-polariton scattering in semiconductor microcavities: Experimental observation of thresholdlike density dependence. <i>Physical Review B</i> , 2000 , 61, R2409-R2412	3.3	47
56	Coherent and incoherent polaritonic gain in a planar semiconductor microcavity. <i>Physical Review B</i> , 2000 , 62, 13076-13083	3.3	45
55	Magneto-optical study of excitonic states in In _{0.045} Ga _{0.955} As/GaAs multiple coupled quantum wells. <i>Physical Review B</i> , 2000 , 62, 7433-7439	3.3	5
54	Spectroscopic study of dark excitons in In _x Ga _{1-x} As self-assembled quantum dots by a magnetic-field-induced symmetry breaking. <i>Physical Review B</i> , 2000 , 61, 7273-7276	3.3	100
53	Excited states of two-dimensional hole gas at the Al _{0.5} Ga _{0.5} As/GaAs interface. <i>Thin Solid Films</i> , 2000 , 380, 142-144	2.2	
52	Excitonic absorption in a quantum Dot. <i>Physical Review Letters</i> , 2000 , 85, 389-92	7.4	107
51	Microcavities with 3D Optical Confinement 2000 , 187-200		
50	Optical Investigation of Coupled GaAs/Al _{0.3} Ga _{0.7} As Double Quantum Wells Separated by AlAs Barriers 2000 , 91-95		2
49	Strong variation of the exciton g factors in self-assembled In _{0.60} Ga _{0.40} As quantum dots. <i>Physical Review B</i> , 1999 , 60, R8481-R8484	3.3	35
48	Magnetic-field dependence of the exciton-photon coupling in structured photonic cavities. <i>Physical Review B</i> , 1999 , 60, 10695-10698	3.3	6
47	Optical Demonstration of a Crystal Band Structure Formation. <i>Physical Review Letters</i> , 1999 , 83, 5374-5377		85
46	Electron and Hole g Factors and Exchange Interaction from Studies of the Exciton Fine Structure in In _{0.60} Ga _{0.40} As Quantum Dots. <i>Physical Review Letters</i> , 1999 , 82, 1748-1751	7.4	360
45	Angle dependence of the spontaneous emission from confined optical modes in photonic dots. <i>Physical Review B</i> , 1999 , 59, 2223-2229	3.3	69

44	Optical and structural properties of GaInAs/InP single quantum wells grown by solid-source MBE with a GaP decomposition source. <i>Journal of Crystal Growth</i> , 1998 , 191, 607-612	1.6	9
43	Kinetics of dark excitons and excitonic trions in InGaAs single quantum well. <i>European Physical Journal B</i> , 1998 , 4, 39-43	1.2	8
42	Exciton complexes in InGaAs/GaAs quantum dots. <i>Physica B: Condensed Matter</i> , 1998 , 249-251, 620-623	2.8	2
41	Exciton binding energies and diamagnetic shifts in semiconductor quantum wires and quantum dots. <i>Physical Review B</i> , 1998 , 57, 6584-6591	3.3	98
40	Zeeman splitting of excitons and biexcitons in single In _{0.60} Ga _{0.40} As/GaAs self-assembled quantum dots. <i>Physical Review B</i> , 1998 , 58, R7508-R7511	3.3	114
39	Confined optical modes in photonic wires. <i>Physical Review B</i> , 1998 , 58, 15744-15748	3.3	49
38	Weak and strong coupling of photons and excitons in photonic dots. <i>Physical Review B</i> , 1998 , 57, 9950-9956	3.3	98
37	Localization of excitons in thermally annealed In _{0.14} Ga _{0.86} As/GaAs quantum wells studied by time-integrated four-wave mixing. <i>Physical Review B</i> , 1998 , 57, 7196-7202	3.3	6
36	Size dependence of exciton-exciton scattering in semiconductor quantum wires. <i>Physical Review B</i> , 1998 , 57, 12364-12368	3.3	17
35	Optical Modes in Photonic Molecules. <i>Physical Review Letters</i> , 1998 , 81, 2582-2585	7.4	289
34	Effect of the hole subband mixing on the spin splitting of heavy-hole excitons in coupled In _{0.045} Ga _{0.955} As/GaAs double quantum wells. <i>Physical Review B</i> , 1998 , 58, R10183-R10186	3.3	10
33	Exciton complexes in In _x Ga _{1-x} As/GaAs quantum dots. <i>Physical Review B</i> , 1998 , 58, 4740-4753	3.3	84
32	Multiple resonances involving magnetoexcitons in a GaAs/Al _{0.30} Ga _{0.70} As quantum well. <i>Physical Review B</i> , 1998 , 58, 9648-9651	3.3	5
31	Sample temperature measurement in a scanning near-field optical microscope. <i>Applied Physics Letters</i> , 1998 , 72, 689-691	3.4	9
30	Biexcitons in semiconductor quantum wires. <i>Physical Review B</i> , 1998 , 58, R1750-R1753	3.3	37
29	Enhancement of exciton binding energies in quantum wires and quantum dots. <i>Europhysics Letters</i> , 1997 , 39, 453-458	1.6	17
28	Excitonic wave packets in In _{0.135} Ga _{0.865} As/GaAs quantum wires. <i>Physical Review B</i> , 1997 , 55, 9290-9293	3.3	10
27	Many-body effects in the quasi-one-dimensional magnetoplasma. <i>Physical Review B</i> , 1997 , 55, 13180-13192	3.3	9

26	Enhancement of spontaneous emission rates by three-dimensional photon confinement in Bragg microcavities. <i>Physical Review B</i> , 1997 , 56, R4367-R4370	3-3	43
25	Enhanced exciton-phonon scattering in In _x Ga _{1-x} As/GaAs quantum wires. <i>Physical Review B</i> , 1997 , 56, 12096-12099	3-3	15
24	Two-dimensional electron gas in double quantum wells with tilted bands. <i>JETP Letters</i> , 1997 , 65, 877-882.	2	3
23	Quantum dot multiexcitons in a magnetic field. <i>JETP Letters</i> , 1997 , 66, 285-290	1.2	3
22	Near field scanning optical spectroscopy of InP single quantum dots. <i>JETP Letters</i> , 1997 , 66, 528-533	1.2	5
21	Investigation of Electronic Structure of InP Single Quantum Dots Using Near Field Scanning Optical Spectroscopy. <i>Physica Status Solidi A</i> , 1997 , 164, 291-296		7
20	Exciton Spin-Splitting in In _x Ga _{1-x} As Quantum Wires and Dots. <i>Physica Status Solidi A</i> , 1997 , 164, 409-412		
19	Interwell excitons in GaAs superlattices. <i>Superlattices and Microstructures</i> , 1997 , 21, 587-590	2.8	3
18	Dielectric enhancement of excitons in near-surface quantum wells. <i>Physical Review B</i> , 1996 , 54, R2335-R2338	3-3	47
17	Direct and indirect excitons in coupled GaAs/Al _{0.30} Ga _{0.70} As double quantum wells separated by AlAs barriers. <i>Physical Review B</i> , 1996 , 54, 8799-8808	3-3	75
16	Splitting of electronic levels with positive and negative angular momenta in In _{0.53} Ga _{0.47} As/InP quantum dots by a magnetic field. <i>Physical Review B</i> , 1996 , 53, 15810-15814	3-3	12
15	Mixing of excitonic states containing light and heavy holes in an isolated GaAs/AlGaAs quantum well in a magnetic field. <i>JETP Letters</i> , 1996 , 64, 57-61	1.2	13
14	Many body effects in the luminescence of In _{0.53} Ga _{0.47} As/InP quantum wires. <i>Solid-State Electronics</i> , 1996 , 40, 287-289	1.7	3
13	Subband renormalization in dense electron-hole plasmas in In _{0.53} Ga _{0.47} As/InP quantum wires. <i>Physical Review B</i> , 1996 , 53, R10505-R10508	3-3	11
12	Size dependence of the changeover from geometric to magnetic confinement in In _{0.53} Ga _{0.47} As/InP quantum wires. <i>Physical Review B</i> , 1996 , 53, 4668-4671	3-3	11
11	Interwell excitons in GaAs superlattices. <i>Physical Review B</i> , 1996 , 54, 10316-10319	3-3	28
10	Electron-Hole Transitions between States with Nonzero Angular Momenta in the Magnetoluminescence of Quantum Dots. <i>Physical Review Letters</i> , 1995 , 74, 3439-3442	7-4	74
9	Enhancement of spin splitting due to spatial confinement in In _x Ga _{1-x} As quantum dots. <i>Physical Review B</i> , 1995 , 52, 11623-11625	3-3	10

8	Coupling of geometric confinement and magnetic confinement in In _{0.09} Ga _{0.91} As/GaAs quantum wells in magnetic fields with varying orientations. <i>Physical Review B</i> , 1995 , 52, 14728-14738	3.3	18
7	Many-Body Effects in the Magnetoplasma of In _{0.13} Ga _{0.87} As/GaAs Quantum Wires. <i>Japanese Journal of Applied Physics</i> , 1995 , 34, 4408-4410	1.4	3
6	Renormalization effects in the dense neutral magnetoplasma of quantum wells with two filled subbands. <i>Physical Review B</i> , 1994 , 50, 17085-17092	3.3	7
5	Lateral quantization effects in the optical spectra of InGaAs/GaAs quantum wires. <i>Superlattices and Microstructures</i> , 1994 , 16, 265-269	2.8	5
4	Magnetic-field-induced breakdown of quasi-one-dimensional quantum-wire quantization. <i>Physical Review B</i> , 1994 , 49, 14782-14785	3.3	20
3	Photon statistics in quantum dot micropillar emission 169-184		
2	Photon Echo Polarimetry of Excitons and Biexcitons in a CH ₃ NH ₃ PbI ₃ Perovskite Single Crystal. <i>ACS Photonics</i> ,	6.3	1
1	Analysis of the Fine Structure of the D-Exciton Shell in Cuprous Oxide. <i>Physica Status Solidi - Rapid Research Letters</i> , 2100335	2.5	0