

# Xiaoqin Li

## List of Publications by Year in descending order

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142  
papers

9,880  
citations

44069  
48  
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36028  
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144  
all docs

144  
docs citations

144  
times ranked

11012  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for moiré excitons in van der Waals heterostructures. <i>Nature</i> , 2019, 567, 71-75.	27.8	933
2	An All-Optical Quantum Gate in a Semiconductor Quantum Dot. <i>Science</i> , 2003, 301, 809-811.	12.6	816
3	Rabi Oscillations of Excitons in Single Quantum Dots. <i>Physical Review Letters</i> , 2001, 87, 133603.	7.8	627
4	Intrinsic homogeneous linewidth and broadening mechanisms of excitons in monolayer transition metal dichalcogenides. <i>Nature Communications</i> , 2015, 6, 8315.	12.8	408
5	Chirality detection of enantiomers using twisted optical metamaterials. <i>Nature Communications</i> , 2017, 8, 14180.	12.8	375
6	A subwavelength plasmonic metamolecule exhibiting magnetic-based optical Fano resonance. <i>Nature Nanotechnology</i> , 2013, 8, 95-99.	31.5	317
7	Two-Quantum 2D FT Electronic Spectroscopy of Biexcitons in GaAs Quantum Wells. <i>Science</i> , 2009, 324, 1169-1173.	12.6	262
8	Stimulated and Spontaneous Optical Generation of Electron Spin Coherence in Charged GaAs Quantum Dots. <i>Physical Review Letters</i> , 2005, 94, 227403.	7.8	249
9	Direct measurement of exciton valley coherence in monolayer WSe <sub>2</sub> . <i>Nature Physics</i> , 2016, 12, 677-682.	16.7	223
10	Impact of grain boundaries on efficiency and stability of organic-inorganic trihalide perovskites. <i>Nature Communications</i> , 2017, 8, 2230.	12.8	220
11	Many-Body Interactions in Semiconductors Probed by Optical Two-Dimensional Fourier Transform Spectroscopy. <i>Physical Review Letters</i> , 2006, 96, 057406.	7.8	218
12	Propagating Surface Plasmon Induced Photon Emission from Quantum Dots. <i>Nano Letters</i> , 2009, 9, 4168-4171.	9.1	181
13	Nanomanipulation and controlled self-assembly of metal nanoparticles and nanocrystals for plasmonics. <i>Chemical Society Reviews</i> , 2016, 45, 5672-5716.	38.1	159
14	Trion formation dynamics in monolayer transition metal dichalcogenides. <i>Physical Review B</i> , 2016, 93, .	3.2	159
15	Neutral and charged inter-valley biexcitons in monolayer MoSe <sub>2</sub> . <i>Nature Communications</i> , 2017, 8, 15552.	12.8	159
16	Directly visualizing the momentum-forbidden dark excitons and their dynamics in atomically thin semiconductors. <i>Science</i> , 2020, 370, 1199-1204.	12.6	149
17	Separation of valley excitons in a MoS <sub>2</sub> monolayer using a subwavelength asymmetric groove array. <i>Nature Photonics</i> , 2019, 13, 180-184.	31.4	147
18	Manipulating Coupling between a Single Semiconductor Quantum Dot and Single Gold Nanoparticle. <i>Nano Letters</i> , 2011, 11, 1049-1054.	9.1	140

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19	Biexciton Quantum Coherence in a Single Quantum Dot. <i>Physical Review Letters</i> , 2002, 88, 117901.		7.8	135
20	Intrinsic Optical Properties and Enhanced Plasmonic Response of Epitaxial Silver. <i>Advanced Materials</i> , 2014, 26, 6106-6110.		21.0	122
21	Phonon renormalization in reconstructed MoS <sub>2</sub> moiré superlattices. <i>Nature Materials</i> , 2021, 20, 1100-1105.		27.5	121
22	Optical two-dimensional Fourier transform spectroscopy with active interferometric stabilization. <i>Optics Express</i> , 2005, 13, 7432.		3.4	117
23	Interfacial Dzyaloshinskii-Moriya Interaction: Effect of $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 5 \langle \text{mml:mi} \rangle d \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle / \text{mml:math} \rangle$ Band Filling and Correlation with Spin Mixing Conductance. <i>Physical Review Letters</i> , 2018, 120, 157204.		7.8	116
24	Strong Damping-like Spin-orbit Torque and Tunable Dzyaloshinskii-Moriya Interaction Generated by Low-Resistivity Pd <sub>1-x</sub> Ir <sub>x</sub> Pt <sub>1-x</sub> Ir <sub>x</sub> Alloys. <i>Advanced Functional Materials</i> , 2019, 29, 1805822.		14.9	116
25	Measurement of optical absorption by a single quantum dot exciton. <i>Physical Review B</i> , 2002, 65, .		3.2	115
26	Microsecond Valley Lifetime of Defect-Bound Excitons in Monolayer $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle WSe \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle / \text{mml:mn} \rangle \langle / \text{mml:msub} \rangle \langle / \text{mml:math} \rangle$ Physical Review Letters, 2018, 121, 057403.		7.8	114
27	Polarization-dependent optical 2D Fourier transform spectroscopy of semiconductors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 14227-14232.		7.1	110
28	Coherent Electronic Coupling in Atomically Thin $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle MoSe \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle / \text{mml:mn} \rangle \langle / \text{mml:msub} \rangle \langle / \text{mml:math} \rangle$ Physical Review Letters, 2014, 112, ..		7.8	108
29	Excitons in semiconductor moiré superlattices. <i>Nature Nanotechnology</i> , 2022, 17, 227-238.		31.5	105
30	Long-Lived Valley Polarization of Intravalley Trions in Monolayer $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle WSe \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle / \text{mml:mn} \rangle \langle / \text{mml:msub} \rangle \langle / \text{mml:math} \rangle$ Physical Review Letters, 2016, 117, 257402.		7.8	101
31	Giant colloidal silver crystals for low-loss linear and nonlinear plasmonics. <i>Nature Communications</i> , 2015, 6, 7734.		12.8	99
32	Biexciton fine structure in monolayer transition metal dichalcogenides. <i>Nature Physics</i> , 2018, 14, 1199-1204.		16.7	99
33	Room-Temperature Skyrmions in an Antiferromagnet-Based Heterostructure. <i>Nano Letters</i> , 2018, 18, 980-986.		9.1	98
34	Twist Angle-Dependent Interlayer Exciton Lifetimes in van der Waals Heterostructures. <i>Physical Review Letters</i> , 2021, 126, 047401.		7.8	88
35	Plasmonic Metasurfaces for Nonlinear Optics and Quantitative SERS. <i>ACS Photonics</i> , 2016, 3, 1371-1384.		6.6	84
36	Moiré potential impedes interlayer exciton diffusion in van der Waals heterostructures. <i>Science Advances</i> , 2020, 6, .		10.3	83

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37	Coherent and Incoherent Coupling Dynamics between Neutral and Charged Excitons in Monolayer MoSe <sub>2</sub> . <i>Nano Letters</i> , 2016, 16, 5109-5113.	9.1	78
38	Epitaxial Growth of Atomically Smooth Aluminum on Silicon and Its Intrinsic Optical Properties. <i>ACS Nano</i> , 2016, 10, 9852-9860.	14.6	75
39	Dzyaloshinskii-Moriya Interaction across an Antiferromagnet-Ferromagnet Interface. <i>Physical Review Letters</i> , 2017, 119, 027202.	7.8	75
40	Optical two-dimensional Fourier transform spectroscopy of semiconductors. <i>Chemical Physics Letters</i> , 2005, 416, 311-315.	2.6	74
41	Interfacial control of Dzyaloshinskii-Moriya interaction in heavy metal/ferromagnetic metal thin film heterostructures. <i>Physical Review B</i> , 2016, 94, .	3.2	72
42	Radiation of spin waves from the open end of a microscopic magnetic-film waveguide. <i>Physical Review B</i> , 2009, 80, .	3.2	69
43	Controlled AFM manipulation of small nanoparticles and assembly of hybrid nanostructures. <i>Nanotechnology</i> , 2011, 22, 115301.	2.6	66
44	Hyperbolic Phonon Polaritons in Suspended Hexagonal Boron Nitride. <i>Nano Letters</i> , 2019, 19, 1009-1014.	9.1	64
45	Chiral Symmetry Breaking for Deterministic Switching of Perpendicular Magnetization by Spin-Orbit Torque. <i>Nano Letters</i> , 2021, 21, 515-521.	9.1	64
46	Modular assembly of optical nanocircuits. <i>Nature Communications</i> , 2014, 5, 3896.	12.8	51
47	Experimental measurement of the intrinsic excitonic wave function. <i>Science Advances</i> , 2021, 7, .	10.3	49
48	Atomic Force Microscope Nanomanipulation with Simultaneous Visual Guidance. <i>ACS Nano</i> , 2009, 3, 2989-2994.	14.6	48
49	Control of propagating spin waves via spin transfer torque in a metallic bilayer waveguide. <i>Physical Review B</i> , 2014, 89, .	3.2	48
50	Modulated interlayer exciton properties in a two-dimensional moiré crystal. <i>Physical Review B</i> , 2019, 100, .	3.2	48
51	Single quantum dot controls a plasmonic cavity's scattering and anisotropy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12288-12292.	7.1	47
52	Magnons and Phonons Optically Driven out of Local Equilibrium in a Magnetic Insulator. <i>Physical Review Letters</i> , 2016, 117, 107202.	7.8	45
53	Dielectric impact on exciton binding energy and quasiparticle bandgap in monolayer WS <sub>2</sub> and WSe <sub>2</sub> . <i>2D Materials</i> , 2019, 6, 025028.	4.4	44
54	Epitaxial Aluminum-on-Sapphire Films as a Plasmonic Material Platform for Ultraviolet and Full Visible Spectral Regions. <i>ACS Photonics</i> , 2018, 5, 2624-2630.	6.6	43

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55	Ferrimagnetic Skyrmions in Topological Insulator/Ferrimagnet Heterostructures. <i>Advanced Materials</i> , 2020, 32, e2003380.	21.0	41
56	Spin Hall-induced auto-oscillations in ultrathin YIG grown on Pt. <i>Scientific Reports</i> , 2018, 8, 1269.	3.3	36
57	Solid-state carrier-envelope phase stabilization via quantum interference control of injected photocurrents. <i>Optics Letters</i> , 2005, 30, 735.	3.3	35
58	Measurement of relaxation between polarization eigenstates in single quantum dots. <i>Applied Physics Letters</i> , 2002, 81, 4251-4253.	3.3	34
59	Plasmonic nano-protractor based on polarization spectro-tomography. <i>Nature Photonics</i> , 2013, 7, 367-372.	31.4	34
60	Trion valley coherence in monolayer semiconductors. <i>2D Materials</i> , 2017, 4, 025105.	4.4	34
61	Spectrally tunable infrared plasmonic F <sub>x</sub> Sn <sub>1-x</sub> In <sub>2</sub> O <sub>3</sub> nanocrystal cubes. <i>Journal of Chemical Physics</i> , 2020, 152, 014709.	3.0	33
62	Cascaded exciton energy transfer in a monolayer semiconductor lateral heterostructure assisted by surface plasmon polariton. <i>Nature Communications</i> , 2017, 8, 35.	12.8	32
63	Density Matrix Tomography through Sequential Coherent Optical Rotations of an Exciton Qubit in a Single Quantum Dot. <i>Physical Review Letters</i> , 2006, 96, 087402.	7.8	31
64	Diffraction of spin waves from a submicrometer-size defect in a microwaveguide. <i>Applied Physics Letters</i> , 2009, 95, .	3.3	31
65	Photophysics of Thermally-Assisted Photobleaching in “Giant” Quantum Dots Revealed in Single Nanocrystals. <i>ACS Nano</i> , 2018, 12, 4206-4217.	14.6	31
66	Transient nonlinear spectroscopy of excitons and biexcitons in single quantum dots. <i>Physical Review B</i> , 2002, 65, .	3.2	30
67	Research Update: Recent progress on 2D materials beyond graphene: From ripples, defects, intercalation, and valley dynamics to straintronics and power dissipation. <i>APL Materials</i> , 2018, 6, .	5.1	30
68	Interplay Between Optical Biaxiality and Magnetism in Plasmonic Metamolecules. <i>Nano Letters</i> , 2016, 16, 4322-4328.	9.1	29
69	Photoluminescence dynamics of ensemble and individual CdSe/ZnS quantum dots with an alloyed core/shell interface. <i>Journal of Applied Physics</i> , 2011, 109, 103509.	2.5	28
70	Time-resolved ARPES Determination of a Quasi-Particle Band Gap and Hot Electron Dynamics in Monolayer MoS <sub>2</sub> . <i>Nano Letters</i> , 2021, 21, 7363-7370.	9.1	28
71	Single-spin sensing of domain-wall structure and dynamics in a thin-film skyrmion host. <i>Physical Review Materials</i> , 2019, 3, .	2.4	27
72	Energy-Resolved Photoconductivity Mapping in a Monolayer-WSe <sub>2</sub> Lateral Heterostructure. <i>Nano Letters</i> , 2018, 18, 7200-7206.	9.1	26

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73	Enhancing functionalities of atomically thin semiconductors with plasmonic nanostructures. <i>Nanophotonics</i> , 2019, 8, 577-598.	6.0	26
74	Electronâ€“Phonon and Spinâ€“Lattice Coupling in Atomically Thin Layers of MnBi <sub>2</sub> Te <sub>4</sub> . <i>Nano Letters</i> , 2021, 21, 6139-6145.	9.1	25
75	Unveiling defect-mediated carrier dynamics in monolayer semiconductors by spatiotemporal microwave imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 13908-13913.	7.1	24
76	Brillouin light scattering spectra as local temperature sensors for thermal magnons and acoustic phonons. <i>Applied Physics Letters</i> , 2013, 102, 082401.	3.3	22
77	Tailoring Semiconductor Lateral Multijunctions for Giant Photoconductivity Enhancement. <i>Advanced Materials</i> , 2017, 29, 1703680.	21.0	21
78	Investigation of electronic coupling in semiconductor double quantum wells using coherent optical two-dimensional Fourier transform spectroscopy. <i>Solid State Communications</i> , 2009, 149, 361-366.	1.9	20
79	Epitaxial Growth of Optically Thick, Single Crystalline Silver Films for Plasmonics. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 3189-3195.	8.0	20
80	Coherent optical control of semiconductor quantum dots for quantum information processing. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2004, 25, 242-248.	2.7	18
81	Raman coherence beats from the entangled state involving polarized excitons in single quantum dots. <i>Physical Review B</i> , 2004, 70, .	3.2	17
82	Disorder-dependent valley properties in monolayer $\text{WS}_2$ . <i>Physical Review B</i> , 2017, 96, .	3.2	17
83	Temperature dependence of Brillouin light scattering spectra of acoustic phonons in silicon. <i>Applied Physics Letters</i> , 2015, 106, .	3.3	16
84	Temperature-dependent Brillouin light scattering spectra of magnons in yttrium iron garnet and permalloy. <i>Physical Review B</i> , 2017, 96, .	3.2	16
85	Magnon and phonon thermometry with inelastic light scattering. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 133001.	2.8	16
86	Directional Modulation of Exciton Emission Using Single Dielectric Nanospheres. <i>Advanced Materials</i> , 2021, 33, e2007236.	21.0	15
87	Phonon-Assisted Intervalley Scattering Determines Ultrafast Exciton Dynamics in $\text{MoSe}_2$ Bilayers. <i>Physical Review Letters</i> , 2021, 127, 157403.	7.8	15
88	Enhanced spin-polarization lifetimes in a two-dimensional electron gas in a gate-controlled GaAs quantum well. <i>Physical Review B</i> , 2016, 94, .	3.2	14
89	Characterization of carrier-envelope phase-sensitive photocurrent injection in a semiconductor. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2005, 22, 362.	2.1	13
90	Semiconductor Quantum Dot Lifetime Near an Atomically Smooth Ag Film Exhibits a Narrow Distribution. <i>ACS Photonics</i> , 2016, 3, 1085-1089.	6.6	13

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91	Correlation between the Dzyaloshinskii-Moriya interaction and spin-mixing conductance at an antiferromagnet/ferromagnet interface. <i>Physical Review B</i> , 2018, 98, .	3.2	13
92	Plasmon-enhanced nonlinear yield in the Otto and Kretschmann configurations. <i>Physical Review B</i> , 2018, 98, .	3.2	13
93	Optical dielectric constants of single crystalline silver films in the long wavelength range. <i>Optical Materials Express</i> , 2020, 10, 693.	3.0	13
94	Wavelength modulation spectroscopy of single quantum dots. <i>Applied Physics Letters</i> , 2002, 80, 1876-1878.	3.3	12
95	Pure Spin Current and Magnon Chemical Potential in a Nonequilibrium Magnetic Insulator. <i>Physical Review X</i> , 2020, 10, .	8.9	11
96	Solid-state carrier-envelope-phase noise measurements with intrinsically balanced detection. <i>Optics Express</i> , 2004, 12, 4255.	3.4	10
97	Deviation from exponential decay for spin waves excited with a coplanar waveguide antenna. <i>Applied Physics Letters</i> , 2012, 101, 252409.	3.3	10
98	Self-Assembled InGaAs Quantum Dot Clusters with Controlled Spatial and Spectral Properties. <i>Nano Letters</i> , 2012, 12, 5169-5174.	9.1	10
99	Addition of Monovalent Silver Cations to $\text{CH}_{3}\text{NH}_3\text{PbBr}_3$ Produces Crystallographically Oriented Perovskite Thin Films. <i>ACS Applied Energy Materials</i> , 2019, 2, 6087-6096.	5.1	10
100	Dimensional crossover in spin Hall oscillators. <i>Physical Review B</i> , 2020, 102, .	3.2	10
101	Superior photo-carrier diffusion dynamics in organic-inorganic hybrid perovskites revealed by spatiotemporal conductivity imaging. <i>Nature Communications</i> , 2021, 12, 5009.	12.8	10
102	Magnons and magnetic fluctuations in atomically thin MnBi <sub>2</sub> Te <sub>4</sub> . <i>Nature Communications</i> , 2022, 13, 2527.	12.8	10
103	Enhancement of Plasmonic Performance in Epitaxial Silver at Low Temperature. <i>Scientific Reports</i> , 2017, 7, 8917.	3.3	9
104	3D Hybrid Trilayer Heterostructure: Tunable Au Nanorods and Optical Properties. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 45015-45022.	8.0	9
105	Strongly confined excitons in self-assembled InGaAs quantum dot clusters produced by a hybrid growth method. <i>Journal of Applied Physics</i> , 2010, 107, 104302.	2.5	8
106	Coherent coupling between exciton resonances governed by the disorder potential. <i>Physical Review B</i> , 2013, 88, .	3.2	8
107	Quantum Beats in Hybrid Metal- Semiconductor Nanostructures. <i>ACS Photonics</i> , 2015, 2, 1341-1347.	6.6	8
108	Sideband pump-probe technique resolves nonlinear modulation response of PbS/CdS quantum dots on a silicon nitride waveguide. <i>APL Photonics</i> , 2018, 3, 016101.	5.7	8

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109	Study of the perpendicular magnetic anisotropy, spin-orbit torque, and Dzyaloshinskii-Moriya interaction in the heavy metal/CoFeB bilayers with Ir <sub>22</sub> Mn <sub>78</sub> insertion. <i>Applied Physics Letters</i> , 2020, 116, 242407.	3.3	8
110	Critical role of orbital hybridization in the Dzyaloshinskii-Moriya interaction of magnetic interfaces. <i>Communications Physics</i> , 2022, 5, .	5.3	8
111	Stark control. <i>Nature Physics</i> , 2017, 13, 9-10.	16.7	7
112	Transient nonlinear optical spectroscopy studies involving biexciton coherence in single quantum dots. <i>Physical Review B</i> , 2006, 73, .	3.2	6
113	Accurate Atomic-Scale Imaging of Two-Dimensional Lattices Using Atomic Force Microscopy in Ambient Conditions. <i>Nanomaterials</i> , 2022, 12, 1542.	4.1	6
114	Current control of magnetic anisotropy via stress in a ferromagnetic metal waveguide. <i>Physical Review B</i> , 2016, 93, .	3.2	5
115	Phonon Dephasing Dynamics in MoS <sub>2</sub> . <i>Nano Letters</i> , 2021, 21, 1434-1439.	9.1	5
116	Strain-dependent luminescence and piezoelectricity in monolayer transition metal dichalcogenides. <i>Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics</i> , 2020, 38, 042205.	1.2	4
117	Non-local coherent coupling between excitons in a disordered quantum well. <i>New Journal of Physics</i> , 2013, 15, 075026.	2.9	3
118	2d Fourier spectroscopy of disordered quantum wells. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2011, 8, 1141-1144.	0.8	2
119	Polarization Properties of a CdSe/ZnS and Au Nanoparticle Dimer. <i>ChemPhysChem</i> , 2012, 13, 2522-2525.	2.1	2
120	Direct Probing of Quantum Dots through Linear and Nonlinear Nano-Optics. <i>Physica Status Solidi (B): Basic Research</i> , 2002, 234, 435-442.	1.5	1
121	Qubit rotation with multiple phase-locked pulses in single quantum dots. , 2003, , .	1	
122	Optically Driven Quantum Computing Devices Based on Semiconductor Quantum Dots. <i>Quantum Information Processing</i> , 2004, 3, 147-161.	2.2	1
123	Strong optical magnetism and Fano resonances in asymmetric plasmonic metamolecules. , 2013, , .	1	
124	Coherent quantum dynamics of excitons in monolayer transition metal dichalcogenides. <i>Proceedings of SPIE</i> , 2016, , .	0.8	1
125	Dielectric Nanospheres: Directional Modulation of Exciton Emission Using Single Dielectric Nanospheres (Adv. Mater. 20/2021). <i>Advanced Materials</i> , 2021, 33, 2170153.	21.0	1
126	Spin-phonon interaction in yttrium iron garnet. <i>Physical Review B</i> , 2021, 104, .	3.2	1

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127	A Subwavelength Plasmonic Metamolecule Exhibiting Magnetic-Based Optical Fano Resonance. , 2013, , .	1	
128	Optical quantum control in a single quantum dot: toward a prototype semiconductor quantum computer. , 0, , .	0	
129	Transient nonlinear spectroscopy of biexcitons in single quantum dots. , 0, , .	0	
130	Semiconductor Quantum Dots for Quantum Information Processing: An Optical Approach. AIP Conference Proceedings, 2005, , .	0.4	0
131	Photoconductivity: Tailoring Semiconductor Lateral Multijunctions for Giant Photoconductivity Enhancement (Adv. Mater. 41/2017). Advanced Materials, 2017, 29, .	21.0	0
132	Trion valley dynamics in monolayer WSez. , 2017, , .	0	
133	Polarized Optical Two-dimensional Fourier Transform Spectroscopy of Semiconductors. , 2006, , .	0	
134	Probing Exciton Couplings and Correlations in Semiconductors with Optical Two-Dimensional Fourier Transform Spectroscopy. , 2007, , .	0	
135	Polarized Optical Two-dimensional Fourier Transform Spectroscopy of Semiconductors. Springer Series in Chemical Physics, 2007, , 368-370.	0.2	0
136	Plasmonic Nanostructures with Well-Controlled Geometry Lead to Designed Properties. , 2015, , .	0	
137	Trion Valley Coherence in Transition Metal Dichalcogenides. , 2017, , .	0	
138	Valley Polarization Dynamics of Inter- and Intra-valley Trions in Monolayer WSe2. , 2017, , .	0	
139	Ultrafast Dephasing and Coherent Exciton Dynamics in Transition Metal Dichalcogenide Bilayers. , 2020, , .	0	
140	Optimizing exciton transport in semiconductors. Light: Science and Applications, 2021, 10, 229.	16.6	0
141	Optically Driven Quantum Computing Devices Based on Semiconductor Quantum Dots. , 2005, , 147-161.	0	
142	Twisted 2D electronic and photonic materials and devices. Applied Physics Letters, 2022, 120, 130401.	3.3	0