Wang Yao

List of Publications by Year
in descending order

163 papers	44,329 citations	10389 72 h-index	6996 154 g-index
167 all docs	167 docs citations	167 times ranked	23268 citing authors

#	Article	IF	Citations
1	Coupled Spin and Valley Physics in Monolayers of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>MoS</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>and Other Group-VI Dichalcogenides. Physical Review Letters, 2012, 108, 196802.	7.8	3,872
2	Layer-dependent ferromagnetism in a van der Waals crystal down to the monolayer limit. Nature, 2017, 546, 270-273.	27.8	3,824
3	Valley polarization in MoS2 monolayers by optical pumping. Nature Nanotechnology, 2012, 7, 490-493.	31.5	3,036
4	Spin and pseudospins in layered transition metal dichalcogenides. Nature Physics, 2014, 10, 343-350.	16.7	2,204
5	Valley-Contrasting Physics in Graphene: Magnetic Moment and Topological Transport. Physical Review Letters, 2007, 99, 236809.	7.8	1,730
6	Valleytronics in 2D materials. Nature Reviews Materials, 2016, 1, .	48.7	1,712
7	Electrically tunable excitonic light-emitting diodes based on monolayer WSe2 pâ€“n junctions. Nature Nanotechnology, 2014, 9, 268-272.	31.5	1,434
8	Observation of long-lived interlayer excitons in monolayer MoSe2â€“WSe2 heterostructures. Nature Communications, 2015, 6, 6242.	12.8	1,252
9	Electrical control of neutral and charged excitons in a monolayer semiconductor. Nature Communications, 2013, 4, 1474.	12.8	1,246
10	Optical generation of excitonic valley coherence in monolayer WSe2. Nature Nanotechnology, 2013, 8, 634-638.	31.5	1,210
11	Two-dimensional itinerant ferromagnetism in atomically thin Fe3GeTe2. Nature Materials, 2018, 17, 778-782.	27.5	995
12	Electrical control of 2D magnetism in bilayer CrI3. Nature Nanotechnology, 2018, 13, 544-548.	31.5	975
13	Lateral heterojunctions within monolayer MoSe2â€“WSe2 semiconductors. Nature Materials, 2014, 13, 1096-1101.	27.5	872
14	Giant tunneling magnetoresistance in spin-filter van der Waals heterostructures. Science, 2018, 360, 1214-1218.	12.6	871
15	Valley-dependent optoelectronics from inversion symmetry breaking. Physical Review B, 2008, 77, .	3.2	845
16	Signatures of moirÃ©-trapped valley excitons in MoSe2/WSe2 heterobilayers. Nature, 2019, 567, 66-70.	27.8	842
17	Optical signature of symmetry variations and spin-valley coupling in atomically thin tungsten dichalcogenides. Scientific Reports, 2013, 3, 1608.	3.3	836
18	Single quantum emitters in monolayer semiconductors. Nature Nanotechnology, 2015, 10, 497-502.	31.5	749

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19	Magnetic control of valley pseudospin in monolayer WSe2. Nature Physics, 2015, 11, 148-152.	16.7	720
20	Three-band tight-binding model for monolayers of group-VIB transition metal dichalcogenides. Physical Review B, 2013, 88, .	3.2	715
21	Monolayer semiconductor nanocavity lasers with ultralow thresholds. Nature, 2015, 520, 69-72.	27.8	713
22	Van der Waals engineering of ferromagnetic semiconductor heterostructures for spin and valleytronics. Science Advances, 2017, 3, e1603113.	10.3	635
23	Valley-polarized exciton dynamics in a 2D semiconductor heterostructure. Science, 2016, 351, 688-691.	12.6	606
24	Electrical tuning of valley magnetic moment through symmetry control in bilayer MoS2. Nature Physics, 2013, 9, 149-153.	16.7	540
25	Electronic structures and theoretical modelling of two-dimensional group-VIB transition metal dichalcogenides. Chemical Society Reviews, 2015, 44, 2643-2663.	38.1	528
26	Massive Dirac fermions and spin physics in an ultrathin film of topological insulator. Physical Review B, 2010, 81, .	3.2	511
27	MoirÃ© excitons: From programmable quantum emitter arrays to spin-orbitâ€“coupled artificial lattices. Science Advances, 2017, 3, e1701696.	10.3	427
28	Electrical control of second-harmonic generation in a WSe2 monolayer transistor. Nature Nanotechnology, 2015, 10, 407-411.	31.5	406
29	Interlayer valley excitons in heterobilayers of transition metal dichalcogenides. Nature Nanotechnology, 2018, 13, 1004-1015.	31.5	373
30	Ultrafast hot-carrier-dominated photocurrent in graphene. Nature Nanotechnology, 2012, 7, 114-118.	31.5	362
31	Edge States in Graphene: From Gapped Flat-Band to Gapless Chiral Modes. Physical Review Letters, 2009, 102, 096801.	7.8	328
32	Giant nonreciprocal second-harmonic generation from antiferromagnetic bilayer CrI3. Nature, 2019, 572, 497-501.	27.8	309
33	Magnetoelectric effects and valley-controlled spin quantum gates in transition metal dichalcogenide bilayers. Nature Communications, 2013, 4, 2053.	12.8	302
34	Gate-tunable topological valley transport in bilayer graphene. Nature Physics, 2015, 11, 1027-1031.	16.7	301
35	Spinâ€“layer locking effects in optical orientation of exciton spin in bilayer WSe2. Nature Physics, 2014, 10, 130-134.	16.7	297
36	Valley Manipulation by Optically Tuning the Magnetic Proximity Effect in WSe₂/CrI₃ Heterostructures. Nano Letters, 2018, 18, 3823-3828.	9.1	281

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37	Ligand-field helical luminescence in a 2D ferromagnetic insulator. Nature Physics, 2018, 14, 277-281.	16.7	275
38	Theory of electron spin decoherence by interacting nuclear spins in a quantum dot. Physical Review B, 2006, 74, .	3.2	264
39	Dirac cones and Dirac saddle points of bright excitons in monolayer transition metal dichalcogenides. Nature Communications, 2014, 5, 3876.	12.8	262
40	Valley excitons in two-dimensional semiconductors. National Science Review, 2015, 2, 57-70.	9.5	254
41	Interlayer Exciton Optoelectronics in a 2D Heterostructure pâ€“n Junction. Nano Letters, 2017, 17, 638-643.	9.1	253
42	Atomically Thin CrCl₃: An In-Plane Layered Antiferromagnetic Insulator. Nano Letters, 2019, 19, 3993-3998.	9.1	240
43	Intrinsic spin Hall effect in monolayers of group-VI dichalcogenides: A first-principles study. Physical Review B, 2012, 86, .	3.2	213
44	Optically controlled locking of the nuclear field via coherent dark-state spectroscopy. Nature, 2009, 459, 1105-1109.	27.8	208
45	Topological mosaics in moirÃ© superlattices of vanÂder Waals heterobilayers. Nature Physics, 2017, 13, 356-362.	16.7	205
46	Anomalous Light Cones and Valley Optical Selection Rules of Interlayer Excitons in Twisted Heterobilayers. Physical Review Letters, 2015, 115, 187002.	7.8	194
47	Excitonic luminescence upconversion in a two-dimensional semiconductor. Nature Physics, 2016, 12, 323-327.	16.7	187
48	Theory of Control of the Spin-Photon Interface for Quantum Networks. Physical Review Letters, 2005, 95, 030504.	7.8	175
49	Dense Network of One-Dimensional Midgap Metallic Modes in Monolayer<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>MoSe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Their Spatial Undulations. Physical Review Letters, 2014, 113, 066105.	7.8	172
50	Excitons in strain-induced one-dimensional moirÃ© potentials at transition metal dichalcogenide heterojunctions. Nature Materials, 2020, 19, 1068-1073.	27.5	169
51	Layer-resolved magnetic proximity effect in van der Waals heterostructures. Nature Nanotechnology, 2020, 15, 187-191.	31.5	169
52	Skyrmions in the MoirÃ© of van der Waals 2D Magnets. Nano Letters, 2018, 18, 7194-7199.	9.1	168
53	Intervalley Scattering and Localization Behaviors of Spin-Valley Coupled Dirac Fermions. Physical Review Letters, 2013, 110, 016806.	7.8	152
54	Control of two-dimensional excitonic light emission via photonic crystal. 2D Materials, 2014, 1, 011001.	4.4	144

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55	Restoring Coherence Lost to a Slow Interacting Mesoscopic Spin Bath. Physical Review Letters, 2007, 98, 077602.	7.8	138
56	Excitons and emergent quantum phenomena in stacked 2D semiconductors. Nature, 2021, 599, 383-392.	27.8	136
57	Voltage Control of a van der Waals Spin-Filter Magnetic Tunnel Junction. Nano Letters, 2019, 19, 915-920.	9.1	129
58	Interlayer coupling in commensurate and incommensurate bilayer structures of transition-metal dichalcogenides. Physical Review B, 2017, 95, .	3.2	128
59	Valley phonons and exciton complexes in a monolayer semiconductor. Nature Communications, 2020, 11, 618.	12.8	128
60	Deep moirÃ© potentials in twisted transition metal dichalcogenide bilayers. Nature Physics, 2021, 17, 720-725.	16.7	124
61	Magnetic control of the valley degree of freedom of massive Dirac fermions with application to transition metal dichalcogenides. Physical Review B, 2013, 88, .	3.2	121
62	Visualizing band offsets and edge states in bilayerâ€“monolayer transition metal dichalcogenides lateral heterojunction. Nature Communications, 2016, 7, 10349.	12.8	120
63	Quantum-Enhanced Tunable Second-Order Optical Nonlinearity in Bilayer Graphene. Nano Letters, 2012, 12, 2032-2036.	9.1	115
64	Single Defect Light-Emitting Diode in a van der Waals Heterostructure. Nano Letters, 2016, 16, 3944-3948.	9.1	115
65	Brightened spin-triplet interlayer excitons and optical selection rules in van der Waals heterobilayers. 2D Materials, 2018, 5, 035021.	4.4	107
66	Directional interlayer spin-valley transfer in two-dimensional heterostructures. Nature Communications, 2016, 7, 13747.	12.8	106
67	Quantum computing by optical control of electron spins. Advances in Physics, 2010, 59, 703-802.	14.4	102
68	Berry Phase Modification to the Energy Spectrum of Excitons. Physical Review Letters, 2015, 115, 166803.	7.8	93
69	Control of electron spin decoherence caused by electronâ€“nuclear spin dynamics in a quantum dot. New Journal of Physics, 2007, 9, 226-226.	2.9	92
70	Unusual Excitonâ€“Phonon Interactions at van der Waals Engineered Interfaces. Nano Letters, 2017, 17, 1194-1199.	9.1	81
71	Nonlinear Valley and Spin Currents from Fermi Pocket Anisotropy in 2D Crystals. Physical Review Letters, 2014, 113, 156603.	7.8	80
72	Stacking symmetry governed second harmonic generation in graphene trilayers. Science Advances, 2018, 4, eaat0074.	10.3	75

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73	Single-electron spin decoherence by nuclear spin bath: Linked-cluster expansion approach. Physical Review B, 2007, 75, .	3.2	73
74	Highly anisotropic excitons and multiple phonon bound states in a van der Waals antiferromagnetic insulator. Nature Nanotechnology, 2021, 16, 655-660.	31.5	72
75	Valley-splitting and valley-dependent inter-Landau-level optical transitions in monolayer<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">MoS</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:math>quantum Hall systems. Physical Review B, 2014, 90, .	3.2	67
76	Quantum size effects on the work function of metallic thin film nanostructures. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12761-12765.	7.1	61
77	Light-induced ferromagnetism in moirÃ© superlattices. Nature, 2022, 604, 468-473.	27.8	61
78	Intervalley coupling by quantum dot confinement potentials in monolayer transition metal dichalcogenides. New Journal of Physics, 2014, 16, 105011.	2.9	60
79	Spin-orbit-coupled quantum wires and Majorana fermions on zigzag edges of monolayer transition-metal dichalcogenides. Physical Review B, 2014, 89, .	3.2	60
80	Cross-dimensional electron-phonon coupling in van der Waals heterostructures. Nature Communications, 2019, 10, 2419.	12.8	60
81	Optical Control of Topological Quantum Transport in Semiconductors. Physical Review Letters, 2007, 99, 047401.	7.8	56
82	Spin-valley qubit in nanostructures of monolayer semiconductors: Optical control and hyperfine interaction. Physical Review B, 2016, 93, .	3.2	56
83	Tailoring excitonic states of van der Waals bilayers through stacking configuration, band alignment, and valley spin. Science Advances, 2019, 5, eaax7407.	10.3	56
84	Observation of intervalley quantum interference in epitaxial monolayer tungsten diselenide. Nature Communications, 2015, 6, 8180.	12.8	55
85	Berry Phase Effect on the Exciton Transport and on the Exciton Bose-Einstein Condensate. Physical Review Letters, 2008, 101, 106401.	7.8	54
86	Phonon-assisted oscillatory exciton dynamics in monolayer MoSe2. Npj 2D Materials and Applications, 2017, 1, .	7.9	50
87	MoirÃ© trions in MoSe2/WSe2 heterobilayers. Nature Nanotechnology, 2021, 16, 1208-1213.	31.5	50
88	Giant magnetic field from moirÃ© induced Berry phase in homobilayer semiconductors. National Science Review, 2020, 7, 12-20.	9.5	40
89	Multifunctional antiferromagnetic materials with giant piezomagnetism and noncollinear spin current. Nature Communications, 2021, 12, 2846.	12.8	38
90	Many-body effects in nonlinear optical responses of 2D layered semiconductors. 2D Materials, 2017, 4, 025024.	4.4	35

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91	Engineering Point-Defect States in Monolayer WSe₂. ACS Nano, 2019, 13, 1595-1602.	14.6	35
92	Realization of Valley and Spin Pumps by Scattering at Nonmagnetic Disorders. Physical Review Letters, 2017, 118, 096602.	7.8	30
93	Room-Temperature Valley Polarization in Atomically Thin Semiconductors via Chalcogenide Alloying. ACS Nano, 2020, 14, 9873-9883.	14.6	30
94	Nanodot-Cavity Electrodynamics and Photon Entanglement. Physical Review Letters, 2004, 92, 217402.	7.8	29
95	Intrinsic donor-bound excitons in ultraclean monolayer semiconductors. Nature Communications, 2021, 12, 871.	12.8	29
96	Interface excitons at lateral heterojunctions in monolayer semiconductors. Physical Review B, 2018, 98, .	3.2	28
97	Magnetic Proximity Effect in a van der Waals MoirÃ© Superlattice. Physical Review Applied, 2019, 12, .	3.8	26
98	Population Pulsation Resonances of Excitons in Monolayer<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>MoSe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></ Sub-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>1</mml:mn><mml:mtext>â€‰</mml:mtext><mml:mtext>â€‰</mml:mtext><mml:mi>Î¼</mml:mi> Physical Review Letters, 2015, 114, 137402.	7.8	25
99	Linearly Polarized Luminescence of Atomically Thin MoS₂ Semiconductor Nanocrystals. ACS Nano, 2019, 13, 13006-13014.	14.6	24
100	Optical selection rules for excitonic Rydberg series in the massive Dirac cones of hexagonal two-dimensional materials. Physical Review B, 2017, 95, .	3.2	23
101	Gate tuning from exciton superfluid to quantum anomalous Hall in van der Waals heterobilayer. Science Advances, 2019, 5, eaau6120.	10.3	23
102	Universal superlattice potential for 2D materials from twisted interface inside h-BN substrate. Npj 2D Materials and Applications, 2021, 5, .	7.9	23
103	Coherent control of cavity quantum electrodynamics for quantum nondemolition measurements and ultrafast cooling. Physical Review B, 2005, 72, .	3.2	21
104	Symmetry-Controlled Electronâ€“Phonon Interactions in van der Waals Heterostructures. ACS Nano, 2019, 13, 552-559.	14.6	20
105	Observation of Quantized Exciton Energies in Monolayer <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>WSe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow> under a Strong Magnetic Field. Physical Review X, 2020, 10, .	8.9	20
106	Theory of tunable flux lattices in the homobilayer moirÃ© of twisted and uniformly strained transition metal dichalcogenides. Physical Review Materials, 2020, 4, .	2.4	20
107	MoirÃ© Valleytronics: Realizing Dense Arrays of Topological Helical Channels. Physical Review Letters, 2018, 121, 186403.	7.8	19
108	Theoretical Design of Topological Heteronanotubes. Nano Letters, 2019, 19, 4146-4150.	9.1	19

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109	Coupling of photonic crystal cavity and interlayer exciton in heterobilayer of transition metal dichalcogenides. 2D Materials, 2020, 7, 015027.	4.4	17
110	Interferences of electrostatic moirÃ© potentials and bichromatic superlattices of electrons and excitons in transition metal dichalcogenides. 2D Materials, 2021, 8, 025007.	4.4	17
111	Phonon-exciton Interactions in WSe2 under a quantizing magnetic field. Nature Communications, 2020, 11, 3104.	12.8	15
112	Spin photovoltaic effect in magnetic van der Waals heterostructures. Science Advances, 2021, 7, eabg8094.	10.3	15
113	Fault-tolerant almost exact state transmission. Scientific Reports, 2013, 3, 3128.	3.3	14
114	Magnetization without polarization. Nature Materials, 2017, 16, 876-877.	27.5	14
115	Electrically tunable topological transport of moirÃ© polaritons. Science Bulletin, 2020, 65, 1555-1562.	9.0	14
116	Theory of control of the dynamics of the interface between stationary and flying qubits. Journal of Optics B: Quantum and Semiclassical Optics, 2005, 7, S318-S325.	1.4	12
117	Chiral channel network from magnetization textures in two-dimensional <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>MnBi</mml:mi><mml:mn>2</mml:mn></ Physical Review B, 2020, 102, .	3.2	12
118	Spin relaxation in charged quantum dots measured by coherent optical phase modulation spectroscopy. Solid State Communications, 2006, 140, 381-385.	1.9	11
119	Many-body singlets by dynamic spin polarization. Physical Review B, 2011, 83, .	3.2	11
120	Twist versus heterostrain control of optical properties of moirÃ© exciton minibands. 2D Materials, 2021, 8, 044016.	4.4	11
121	Enhancement of the Kerr effect for a quantum dot in a cavity. Superlattices and Microstructures, 2003, 34, 213-217.	3.1	10
122	Luminescence Anomaly of Dipolar Valley Excitons in Homobilayer Semiconductor MoirÃ© Superlattices. Physical Review X, 2021, 11, .	8.9	10
123	Layer Pseudospin Dynamics and Genuine Non-Abelian Berry Phase in Inhomogeneously Strained MoirÃ© Pattern. Physical Review Letters, 2020, 125, 266404.	7.8	9
124	Generating coherent states of entangled spins. Physical Review A, 2011, 84, .	2.5	8
125	Feedback control of nuclear hyperfine fields in a double quantum dot. Europhysics Letters, 2010, 92, 17008.	2.0	7
126	Deterministic preparation of Dicke states of donor nuclear spins in silicon by cooperative pumping. Physical Review B, 2012, 85, .	3.2	7

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127	Entanglement detection and quantum metrology by Raman photon-diffraction imaging. Physical Review A, 2013, 87, .	2.5	7
128	Protecting dissipative quantum state preparation via dynamical decoupling. Physical Review A, 2013, 87, .	2.5	7
129	Valley-Selective Klein Tunneling through a Superlattice Barrier in Graphene. Physical Review Applied, 2020, 14, .	3.8	7
130	Optically manipulating spins in semiconductor quantum dots. Journal of Applied Physics, 2007, 101, 081721.	2.5	6
131	Stimulated Raman spin coherence and spin-flip induced hole burning in charged GaAs quantum dots. Physical Review B, 2008, 77, .	3.2	6
132	Non-adiabatic Hall effect at Berry curvature hot spot. 2D Materials, 2020, 7, 045004.	4.4	6
133	Molecules in flatland. Nature Physics, 2015, 11, 448-449.	16.7	5
134	Switchable valley functionalities of an n â€‰â€‰â^'â€‰â€‰ n ^{â^'} â€‰â€‰â^'â€‰â€‰ n junctio crystals. 2D Materials, 2017, 4, 025109.	4.4	5
135	Monolayer Semiconductor Auger Detector. Nano Letters, 2020, 20, 5538-5543.	9.1	5
136	Probing the exciton k-space dynamics in monolayer tungsten diselenides. 2D Materials, 2019, 6, 025035.	4.4	4
137	Nonlinear optics in the electron-hole continuum in 2D semiconductors: two-photon transition, second harmonic generation and valley current injection. Science Bulletin, 2019, 64, 1036-1043.	9.0	4
138	Theory of wave-packet transport under narrow gaps and spatial textures: Nonadiabaticity and semiclassicality. Physical Review B, 2020, 102, .	3.2	4
139	Edge state in AB-stacked bilayer graphene and its correspondence with the Su-Schrieffer-Heeger ladder. Physical Review B, 2021, 104, .	3.2	4
140	Chiral Excitonics in Monolayer Semiconductors on Patterned Dielectrics. Physical Review Letters, 2022, 128, .	7.8	4
141	Feedback control of nuclear spin bath of a single hole spin in a quantum dot. Physical Review B, 2015, 91, .	3.2	3
142	Coulomb effects on topological band inversion in the moirÃ© of WSe ₂ /BAs heterobilayer. 2D Materials, 2019, 6, 045037.	4.4	3
143	Ultrafast control of moirÃ© pseudoâ€electromagnetic field in homobilayer semiconductors. Natural Sciences, 2022, 2, .	2.1	3
144	Waveguiding valley excitons in monolayer transition metal dichalcogenides by dielectric interfaces in the substrate. Physical Review B, 2021, 104, .	3.2	3

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145	Persistent optical nuclear spin narrowing in a singly charged InAs quantum dot. Journal of the Optical Society of America B: Optical Physics, 2012, 29, A119.	2.1	2
146	The Nuclear Dark State under Dynamical Nuclear Polarization. Chinese Physics Letters, 2013, 30, 077302.	3.3	2
147	Optical Properties of TMD Heterostructures. , 0, , 310-328.		2
148	Giant Spin Transfer Torque in Atomically Thin Magnetic Bilayers. Chinese Physics Letters, 2020, 37, 107201.	3.3	2
149	Anomalous Magneto-Optical Response and Chiral Interface of Dipolar Excitons at Twisted Valleys. Nano Letters, 2022, 22, 5466-5472.	9.1	2
150	Optical generation of valley polarization in atomically thin semiconductors. , 2013, , .		1
151	Valley-Spin Physics in 2D Semiconducting Transition Metal Dichalcogenides. , 2017, , 279-294.		1
152	Valley excitons: From monolayer semiconductors to moirÃ© superlattices. Semiconductors and Semimetals, 2020, 105, 269-303.	0.7	1
153	MoirÃ© excitons at line defects in transition metal dichalcogenides heterobilayers. Comptes Rendus Physique, 2021, 22, 53-68.	0.9	1
154	Revealing the non-adiabatic and non-Abelian multiple-band effects via anisotropic valley Hall conduction in bilayer graphene. 2D Materials, 2021, 8, 045012.	4.4	1
155	Optical signature of symmetry variations and spin-valley coupling in atomically thin tungsten dichalcogenides. , 0, .		1
156	Anomalous Bloch oscillation and electrical switching of edge magnetization in a bilayer graphene nanoribbon. Physical Review B, 2022, 106, .	3.2	1
157	Nonlinear Optical Probe of a Singly-Charged Stranski-Krastanow Quantum Dot. , 2007, , .		0
158	Nonlinear optical probe of a singly-charged stranski-krastanow quantum dot. , 2007, , .		0
159	CONTROL OF ELECTRON SPIN DECOHERENCE IN MESOSCOPIC NUCLEAR SPIN BATHS. International Journal of Modern Physics B, 2008, 22, 27-32.	2.0	0
160	Optical manipulation and electrical control of valley pseudo-spins in atomically thin semiconductors. Proceedings of SPIE, 2013, , .	0.8	0
161	2D-material Based Nano-photonics. , 2014, , .		0
162	Nanometrology of field gradient using donor spins in silicon. Journal of Physics Condensed Matter, 2018, 30, 425301.	1.8	0

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163	Nonlinear Spectroscopy of Valley Excitons in 2D Semiconductors and Heterostructures. , 2016, , .		0