

# Yaroslav Tserkovnyak

## List of Publications by Year in descending order

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193  
papers

17,147  
citations

26630

56  
h-index

14208

128  
g-index

194  
all docs

194  
docs citations

194  
times ranked

10039  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Gilbert Damping in Thin Ferromagnetic Films. <i>Physical Review Letters</i> , 2002, 88, 117601.	7.8	1,595
2	Antiferromagnetic spintronics. <i>Reviews of Modern Physics</i> , 2018, 90, .	45.6	1,536
3	Blowing magnetic skyrmion bubbles. <i>Science</i> , 2015, 349, 283-286.	12.6	1,177
4	Nonlocal magnetization dynamics in ferromagnetic heterostructures. <i>Reviews of Modern Physics</i> , 2005, 77, 1375-1421.	45.6	1,176
5	Magnetization switching through giant spin-orbit torque in a magnetically doped topological insulator heterostructure. <i>Nature Materials</i> , 2014, 13, 699-704.	27.5	773
6	Switching of perpendicular magnetization by spin-orbit torques in the absence of external magnetic fields. <i>Nature Nanotechnology</i> , 2014, 9, 548-554.	31.5	753
7	Interface-induced phenomena in magnetism. <i>Reviews of Modern Physics</i> , 2017, 89, .	45.6	672
8	Spin battery operated by ferromagnetic resonance. <i>Physical Review B</i> , 2002, 66, .	3.2	384
9	Dynamic Exchange Coupling in Magnetic Bilayers. <i>Physical Review Letters</i> , 2003, 90, 187601.	7.8	354
10	Spin-Charge Separation and Localization in One Dimension. <i>Science</i> , 2005, 308, 88-92.	12.6	343
11	Fast domain wall motion in the vicinity of the angular momentum compensation temperature of $\text{A}^{\text{ferrimagnets}}$ . <i>Nature Materials</i> , 2017, 16, 1187-1192.	27.5	321
12	Room-Temperature Creation and Spin-orbit Torque Manipulation of Skyrmions in Thin Films with Engineered Asymmetry. <i>Nano Letters</i> , 2016, 16, 1981-1988.	9.1	275
13	Antidamping-Torque-Induced Switching in Biaxial Antiferromagnetic Insulators. <i>Physical Review Letters</i> , 2018, 120, 207204.	7.8	246
14	Antiferromagnetic spin textures and dynamics. <i>Nature Physics</i> , 2018, 14, 213-216.	16.7	219
15	Electric-field control of spin-orbit torque in a magnetically doped topological insulator. <i>Nature Nanotechnology</i> , 2016, 11, 352-359.	31.5	212
16	First-principles study of magnetization relaxation enhancement and spin transfer in thin magnetic films. <i>Physical Review B</i> , 2005, 71, .	3.2	197
17	Control and local measurement of the spin chemical potential in a magnetic insulator. <i>Science</i> , 2017, 357, 195-198.	12.6	192
18	Phenomenology of Current-Induced Dynamics in Antiferromagnets. <i>Physical Review Letters</i> , 2011, 106, 107206.	7.8	184

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19	Realization of the Haldane-Kane-Mele Model in a System of Localized Spins. <i>Physical Review Letters</i> , 2016, 117, 227201.	7.8	162
20	Superfluid spin transport through antiferromagnetic insulators. <i>Physical Review B</i> , 2014, 90, .	3.2	155
21	Spin-current probe for phase transition in an insulator. <i>Nature Communications</i> , 2016, 7, 12670.	12.8	148
22	Superfluid Spin Transport Through Easy-Plane Ferromagnetic Insulators. <i>Physical Review Letters</i> , 2014, 112, 227201.	7.8	138
23	Vanishing skyrmion Hall effect at the angular momentum compensation temperature of a ferrimagnet. <i>Nature Nanotechnology</i> , 2019, 14, 232-236.	31.5	137
24	Current-induced magnetization dynamics in disordered itinerant ferromagnets. <i>Physical Review B</i> , 2006, 74, .	3.2	133
25	Electron transport driven by nonequilibrium magnetic textures. <i>Physical Review B</i> , 2008, 77, .	3.2	133
26	Theory of current-driven magnetization dynamics in inhomogeneous ferromagnets. <i>Journal of Magnetism and Magnetic Materials</i> , 2008, 320, 1282-1292.	2.3	128
27	Direct Imaging of Thermally Driven Domain Wall Motion in Magnetic Insulators. <i>Physical Review Letters</i> , 2013, 110, 177202.	7.8	124
28	Topological Hall effect at above room temperature in heterostructures composed of a magnetic insulator and a heavy metal. <i>Nature Electronics</i> , 2019, 2, 182-186.	26.0	117
29	Anti-damping spin transfer torque through epitaxial nickel oxide. <i>Applied Physics Letters</i> , 2015, 106, .	3.3	116
30	Propulsion of a domain wall in an antiferromagnet by magnons. <i>Physical Review B</i> , 2014, 90, .	3.2	115
31	Thin-Film Magnetization Dynamics on the Surface of a Topological Insulator. <i>Physical Review Letters</i> , 2012, 108, 187201.	7.8	112
32	Unified First-Principles Study of Gilbert Damping, Spin-Flip Diffusion, and Resistivity in Transition Metal Alloys. <i>Physical Review Letters</i> , 2010, 105, 236601.	7.8	111
33	Electronic Pumping of Quasiequilibrium Bose-Einstein-Condensed Magnons. <i>Physical Review Letters</i> , 2012, 108, 246601.	7.8	111
34	Magnon-drag thermopower and Nernst coefficient in Fe, Co, and Ni. <i>Physical Review B</i> , 2016, 94, .	3.2	107
35	Spin caloritronic nano-oscillator. <i>Nature Communications</i> , 2017, 8, 117.	12.8	96
36	Thermomagnonic spin transfer and Peltier effects in insulating magnets. <i>Europhysics Letters</i> , 2012, 97, 67002.	2.0	94

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37	Dynamic stiffness of spin valves. <i>Physical Review B</i> , 2003, 67, .	3.2	87
38	Can one hear the shape of a saturation patch?. <i>Geophysical Research Letters</i> , 2002, 29, 12-1.	4.0	86
39	Magnetic texture-induced thermal Hall effects. <i>Physical Review B</i> , 2013, 87, .	3.2	86
40	Universal angular magnetoresistance and spin torque in ferromagnetic/normal metal hybrids. <i>Physical Review B</i> , 2003, 67, .	3.2	84
41	Role of dimensional crossover on spin-orbit torque efficiency in magnetic insulator thin films. <i>Nature Communications</i> , 2018, 9, 3612.	12.8	84
42	Deep subnanosecond spin torque switching in magnetic tunnel junctions with combined in-plane and perpendicular polarizers. <i>Applied Physics Letters</i> , 2011, 98, .	3.3	82
43	Self-focusing skyrmion racetracks in ferrimagnets. <i>Physical Review B</i> , 2017, 95, .	3.2	79
44	Mean-field magnetization relaxation in conducting ferromagnets. <i>Applied Physics Letters</i> , 2004, 84, 5234-5236.	3.3	71
45	Localization transition in a ballistic quantum wire. <i>Physical Review B</i> , 2006, 73, .	3.2	70
46	Two-Fluid Theory for Spin Superfluidity in Magnetic Insulators. <i>Physical Review Letters</i> , 2016, 116, 117201.	7.8	69
47	Creating zero-field skyrmions in exchange-biased multilayers through X-ray illumination. <i>Nature Communications</i> , 2020, 11, 949.	12.8	67
48	Nanoscale magnetic heat pumps and engines. <i>Physical Review B</i> , 2010, 81, .	3.2	64
49	Interfacial spin and heat transfer between metals and magnetic insulators. <i>Physical Review B</i> , 2015, 91, .	3.2	64
50	Magnonic charge pumping via spin-orbit coupling. <i>Nature Nanotechnology</i> , 2015, 10, 50-54.	31.5	64
51	Resonantly Tunable Majorana Polariton in a Microwave Cavity. <i>Physical Review Letters</i> , 2012, 109, 257002.	7.8	63
52	Quantum spin Hall effect in strip of stripes model. <i>Physical Review B</i> , 2014, 90, .	3.2	63
53	Voltage Generation by Ferromagnetic Resonance at a Nonmagnet to Ferromagnet Contact. <i>Physical Review Letters</i> , 2006, 97, 216602.	7.8	62
54	Monte Carlo Evaluation of Non-Abelian Statistics. <i>Physical Review Letters</i> , 2003, 90, 016802.	7.8	60

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55	Low Magnetic Damping of Ferrimagnetic GdFeCo Alloys. <i>Physical Review Letters</i> , 2019, 122, 127203.	7.8	60
56	Scattering theory of charge-current-induced magnetization dynamics. <i>Europhysics Letters</i> , 2010, 90, 47002.	2.0	59
57	Tunable Magnonic Thermal Hall Effect in Skyrmion Crystal Phases of Ferrimagnets. <i>Physical Review Letters</i> , 2019, 122, 057204.	7.8	56
58	Transport theory for disordered multiple-band systems: Anomalous Hall effect and anisotropic magnetoresistance. <i>Physical Review B</i> , 2009, 79, .	3.2	55
59	Spin-transfer torques for domain wall motion in antiferromagnetically coupled ferrimagnets. <i>Nature Electronics</i> , 2019, 2, 389-393.	26.0	55
60	Finite-Size Effects in Tunneling between Parallel Quantum Wires. <i>Physical Review Letters</i> , 2002, 89, 136805.	7.8	54
61	Transverse spin diffusion in ferromagnets. <i>Physical Review B</i> , 2009, 79, .	3.2	54
62	Evidence for the role of the magnon energy relaxation length in the spin Seebeck effect. <i>Physical Review B</i> , 2018, 97, .	3.2	54
63	Shot Noise in Magnetic Tunnel Junctions: Evidence for Sequential Tunneling. <i>Physical Review Letters</i> , 2006, 97, 266602.	7.8	51
64	Dynamic phase diagram of dc-pumped magnon condensates. <i>Physical Review B</i> , 2014, 90, .	3.2	51
65	Spin Hall phenomenology of magnetic dynamics. <i>Physical Review B</i> , 2014, 90, .	3.2	50
66	Coherent terahertz spin-wave emission associated with ferrimagnetic domain wall dynamics. <i>Physical Review B</i> , 2017, 96, .	3.2	50
67	Antiferromagnet-mediated spin transfer between a metal and a ferromagnet. <i>Physical Review B</i> , 2015, 92, .	3.2	49
68	Spin-torque transistor. <i>Applied Physics Letters</i> , 2003, 82, 3928-3930.	3.3	47
69	Inhomogeneous Gilbert damping from impurities and electron-electron interactions. <i>Physical Review B</i> , 2008, 78, .	3.2	46
70	Capillary forces in the acoustics of patchy-saturated porous media. <i>Journal of the Acoustical Society of America</i> , 2003, 114, 2596.	1.1	45
71	Cooper-Pair Injection into Quantum Spin Hall Insulators. <i>Physical Review Letters</i> , 2010, 105, 226401.	7.8	45
72	Quantum-Impurity Relaxometry of Magnetization Dynamics. <i>Physical Review Letters</i> , 2018, 121, 187204.	7.8	45

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73	Theory of momentum resolved tunneling into a short quantum wire. <i>Physical Review B</i> , 2005, 72, .	3.2	43
74	Integer and fractional quantum anomalous Hall effect in a strip of stripes model. <i>Physical Review B</i> , 2015, 91, .	3.2	42
75	Current-induced noise and damping in nonuniform ferromagnets. <i>Physical Review B</i> , 2008, 78, .	3.2	41
76	Thermoelectric spin transfer in textured magnets. <i>Physical Review B</i> , 2009, 80, .	3.2	41
77	Macrospin Tunneling and Magnetopolaritons with Nanomechanical Interference. <i>Physical Review Letters</i> , 2011, 106, 147203.	7.8	41
78	Thermophoresis of an antiferromagnetic soliton. <i>Physical Review B</i> , 2015, 92, .	3.2	40
79	Spin and orbital magnetic response on the surface of a topological insulator. <i>Physical Review B</i> , 2015, 91, .	3.2	38
80	Mobile Néel skyrmions at room temperature: status and future. <i>AIP Advances</i> , 2016, 6, .	1.3	38
81	Spin Superfluidity in the $\nu = \frac{1}{2}$ Quantum Hall State of Graphene. <i>Physical Review Letters</i> , 2016, 116, 216801.	7.8	38
82	Theory of spin magnetohydrodynamics. <i>Physical Review B</i> , 2009, 79, .	3.2	36
83	Hydrodynamic theory of coupled current and magnetization dynamics in spin-textured ferromagnets. <i>Physical Review B</i> , 2009, 80, .	3.2	35
84	Spin-transfer mechanism for magnon-drag thermopower. <i>Applied Physics Letters</i> , 2011, 99, .	3.3	35
85	Landau-Lifshitz theory of thermomagnonic torque. <i>Physical Review B</i> , 2015, 92, .	3.2	35
86	Observation of Magnon Polarons in a Uniaxial Antiferromagnetic Insulator. <i>Physical Review Letters</i> , 2020, 125, 217201.	7.8	35
87	Magnetization damping in a local-density approximation. <i>Physical Review B</i> , 2007, 75, .	3.2	34
88	Tuning entanglement by squeezing magnons in anisotropic magnets. <i>Physical Review B</i> , 2020, 101, .	3.2	32
89	Conditions for extreme sensitivity of protein diffusion in membranes to cell environments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 15002-15007.	7.1	31
90	Tuning odd triplet superconductivity by spin pumping. <i>Physical Review B</i> , 2009, 80, .	3.2	31

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91	Thermally activated phase slips in superfluid spin transport in magnetic wires. <i>Physical Review B</i> , 2016, 93, .	3.2	30
92	Control of Spin-Wave Damping in YIG Using Spin Currents from Topological Insulators. <i>Physical Review Applied</i> , 2019, 11, .	3.8	30
93	Tunnel-barrier-enhanced dc voltage signals induced by magnetization dynamics in magnetic tunnel junctions. <i>Physical Review B</i> , 2008, 78, .	3.2	29
94	Proximity-effect-assisted decay of spin currents in superconductors. <i>Europhysics Letters</i> , 2008, 84, 57008.	2.0	29
95	Chiral Edge Mode in the Coupled Dynamics of Magnetic Solitons in a Honeycomb Lattice. <i>Physical Review Letters</i> , 2017, 119, 077204.	7.8	29
96	Nonlocal Magnetoresistance Mediated by Spin Superfluidity. <i>Physical Review Letters</i> , 2015, 115, 156604.	7.8	28
97	Spin Seebeck effect near the antiferromagnetic spin-flop transition. <i>Physical Review B</i> , 2020, 102, .	3.2	28
98	Antiferromagnetic switching driven by the collective dynamics of a coexisting spin glass. <i>Science Advances</i> , 2021, 7, .	10.3	27
99	Dynamic Ferromagnetic Proximity Effect in Photoexcited Semiconductors. <i>Physical Review Letters</i> , 2004, 92, 126601.	7.8	26
100	Emergent Gauge Fields from Curvature in Single Layers of Transition-Metal Dichalcogenides. <i>Physical Review Letters</i> , 2017, 118, 026801.	7.8	25
101	Antiferromagnetic textures and dynamics on the surface of a heavy metal. <i>Physical Review B</i> , 2017, 95, .	3.2	25
102	Spin hydrodynamics in amorphous magnets. <i>Physical Review B</i> , 2018, 98, .	3.2	25
103	Dynamic exchange coupling and Gilbert damping in magnetic multilayers (invited). <i>Journal of Applied Physics</i> , 2003, 93, 7534-7538.	2.5	23
104	Current-induced macrospin versus spin-wave excitations in spin valves. <i>Physical Review B</i> , 2006, 73, .	3.2	23
105	Magnetocaloritronic nanomachines. <i>Solid State Communications</i> , 2010, 150, 500-504.	1.9	23
106	Spin diffusion and magnetoresistance in ferromagnet/topological-insulator junctions. <i>Physical Review B</i> , 2014, 89, .	3.2	23
107	Magnetic Domain Walls as Hosts of Spin Superfluids and Generators of Skyrmions. <i>Physical Review Letters</i> , 2017, 119, 047202.	7.8	23
108	Topological spin transport by Brownian diffusion of domain walls. <i>Physical Review B</i> , 2015, 92, .	3.2	22

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109	Bose-Einstein condensation of magnons pumped by the bulk spin Seebeck effect. <i>Physical Review B</i> , 2016, 93, .	3.2	22
110	Chiral charge pumping in graphene deposited on a magnetic insulator. <i>Physical Review B</i> , 2017, 95, .	3.2	22
111	Generalized boundary conditions for spin transfer. <i>Physical Review B</i> , 2017, 96, .	3.2	22
112	Gilbert damping and spin Coulomb drag in a magnetized electron liquid with spin-orbit interaction. <i>Physical Review B</i> , 2007, 75, .	3.2	21
113	Quantum skyrmionics. <i>International Journal of Modern Physics B</i> , 2019, 33, 1930005.	2.0	21
114	Spin transport in mesoscopic rings with inhomogeneous spin-orbit coupling. <i>Physical Review B</i> , 2007, 76, .	3.2	20
115	Landau-Lifshitz theory of the magnon-drag thermopower. <i>Europhysics Letters</i> , 2016, 115, 57004.	2.0	20
116	Observation of nuclear-spin Seebeck effect. <i>Nature Communications</i> , 2021, 12, 4356.	12.8	20
117	Universal quantum computation with ordered spin-chain networks. <i>Physical Review A</i> , 2011, 84, .	2.5	19
118	Barnett effect in thin magnetic films and nanostructures. <i>Applied Physics Letters</i> , 2009, 95, .	3.3	18
119	Control and braiding of Majorana fermions bound to magnetic domain walls. <i>Physical Review B</i> , 2015, 92, .	3.2	18
120	Topological Effects on Quantum Phase Slips in Superfluid Spin Transport. <i>Physical Review Letters</i> , 2016, 116, 127201.	7.8	18
121	Energy Storage via Topological Spin Textures. <i>Physical Review Letters</i> , 2018, 121, 127701.	7.8	18
122	Interfacial spin Seebeck effect in noncollinear magnetic systems. <i>Physical Review B</i> , 2019, 99, .	3.2	18
123	Enhanced antiferromagnetic resonance linewidth in NiO/Pt and NiO/Pd. <i>Physical Review B</i> , 2020, 101, .	3.2	18
124	Spin accumulation and decay in magnetic Schottky barriers. <i>Physical Review B</i> , 2005, 72, .	3.2	17
125	Perspective: (Beyond) spin transport in insulators. <i>Journal of Applied Physics</i> , 2018, 124, 190901.	2.5	17
126	Spin-Torque-Biased Magnetic Strip: Nonequilibrium Phase Diagram and Relation to Long Josephson Junctions. <i>Physical Review Letters</i> , 2018, 121, 037202.	7.8	17



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127	Spin-torque oscillation in a magnetic insulator probed by a single-spin sensor. <i>Physical Review B</i> , 2020, 102, .	3.2	17
128	Magneto-electronic Spin Echo. <i>Physical Review Letters</i> , 2003, 91, 166601.	7.8	16
129	Topological spin-transfer drag driven by skyrmion diffusion. <i>Physical Review B</i> , 2016, 94, .	3.2	16
130	Proposal for dynamic imaging of antiferromagnetic domain wall via quantum-impurity relaxometry. <i>Physical Review B</i> , 2018, 98, .	3.2	16
131	Evolution of the quantum Hall bulk spectrum into chiral edge states. <i>Nature Communications</i> , 2018, 9, 3692.	12.8	16
132	Nonlocal Spin Transport Mediated by a Vortex Liquid in Superconductors. <i>Physical Review Letters</i> , 2018, 121, 187203.	7.8	16
133	Topological Transport of Deconfined Hedgehogs in Magnets. <i>Physical Review Letters</i> , 2020, 125, 267201.	7.8	16
134	Resistance noise in spin valves. <i>Physical Review B</i> , 2007, 75, .	3.2	15
135	Dissipative dynamics of magnetic solitons in metals. <i>Physical Review B</i> , 2010, 81, .	3.2	15
136	Spin-magnon transmutation. <i>Physics Magazine</i> , 0, 4, .	0.1	15
137	Crossed Andreev reflection in quantum wires with strong spin-orbit interaction. <i>Physical Review B</i> , 2012, 85, .	3.2	15
138	Local thermomagnonic torques in two-fluid spin dynamics. <i>Physical Review B</i> , 2016, 94, .	3.2	15
139	Fast vortex oscillations in a ferrimagnetic disk near the angular momentum compensation point. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	15
140	Exploiting Coherence in Nonlinear Spin-Superfluid Transport. <i>Physical Review Letters</i> , 2017, 119, 187705.	7.8	15
141	Noninvasive measurements of spin transport properties of an antiferromagnetic insulator. <i>Science Advances</i> , 2022, 8, eabg8562.	10.3	15
142	Topological transport of vorticity in Heisenberg magnets. <i>Physical Review B</i> , 2019, 99, .	3.2	14
143	Driving a magnetized domain wall in an antiferromagnet by magnons. <i>Journal of Applied Physics</i> , 2020, 127, .	2.5	13
144	Spontaneous-symmetry-breaking mechanism of adiabatic pumping. <i>Physical Review B</i> , 2005, 71, .	3.2	12

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145	Spin injection in quantum wells with spatially dependent rashba interaction. <i>New Journal of Physics</i> , 2007, 9, 345-345.	2.9	12
146	Cooper-Pair Spin Current in a Strontium Ruthenate Heterostructure. <i>Physical Review Letters</i> , 2018, 121, 167001.	7.8	12
147	Hydrodynamics of three-dimensional skyrmions in frustrated magnets. <i>Physical Review B</i> , 2019, 100, .	3.2	12
148	Quantum Imaging of Magnetic Phase Transitions and Spin Fluctuations in Intrinsic Magnetic Topological Nanoflakes. <i>Nano Letters</i> , 2022, 22, 5810-5817.	9.1	11
149	An insulator-based transistor. <i>Nature Nanotechnology</i> , 2013, 8, 706-707.	31.5	10
150	Mechanical Actuation of Magnetic Domain-Wall Motion. <i>Physical Review Letters</i> , 2016, 117, 237201.	7.8	10
151	Quantum-kinetic theory of spin-transfer torque and magnon-assisted transport in nanoscale magnetic junctions. <i>Physical Review B</i> , 2019, 99, .	3.2	10
152	Quantum hydrodynamics of vorticity. <i>Physical Review Research</i> , 2019, 1, .	3.6	10
153	Nonlinear dynamics in a magnetic Josephson junction. <i>Physical Review B</i> , 2012, 86, .	3.2	9
154	Theory of electromechanical coupling in dynamical graphene. <i>Physical Review B</i> , 2013, 88, .	3.2	9
155	Spin superfluid Josephson quantum devices. <i>Physical Review B</i> , 2017, 95, .	3.2	9
156	Magnon-induced non-Markovian friction of a domain wall in a ferromagnet. <i>Physical Review B</i> , 2018, 97, .	3.2	9
157	Stabilization of the skyrmion crystal phase and transport in thin-film antiferromagnets. <i>Physical Review B</i> , 2019, 100, .	3.2	9
158	Self-stabilizing exchange-mediated spin transport. <i>Physical Review B</i> , 2021, 103, .	3.2	9
159	A three-dimensional calculation of atmospheric neutrino fluxes. <i>Astroparticle Physics</i> , 2003, 18, 449-461.	4.3	8
160	Spin detection in quantum dots by electric currents. <i>Physical Review B</i> , 2004, 69, .	3.2	8
161	Magnetic Domain Wall Floating on a Spin Superfluid. <i>Physical Review Letters</i> , 2017, 118, 097201.	7.8	8
162	Magnons versus electrons in thermal spin transport through metallic interfaces. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 394002.	2.8	8



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181	Electron-hole entanglement in a quantum spin Hall insulator. <i>Physical Review B</i> , 2014, 89, .	3.2	4
182	Coupled spin-charge dynamics in magnetic van der Waals heterostructures. <i>Physical Review B</i> , 2020, 102, .	3.2	4
183	Dynamically stabilized spin superfluidity in frustrated magnets. <i>Physical Review B</i> , 2021, 103, .	3.2	4
184	Self-induced spin-orbit torques in metallic ferromagnets. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 538, 168262.	2.3	4
185	Spin-Polarized Transport and Dynamics in Magnetic Tunneling Structures. <i>IEEE Transactions on Magnetics</i> , 2009, 45, 3434-3440.	2.1	3
186	Edge-State Wave Functions from Momentum-Conserving Tunneling Spectroscopy. <i>Physical Review Letters</i> , 2020, 125, 087701.	7.8	3
187	Generalized model of magnon kinetics and subgap magnetic noise. <i>Physical Review B</i> , 2022, 105, .	3.2	3
188	Nonlinear tube waves in permeable formations: Difference frequency generation. <i>Journal of the Acoustical Society of America</i> , 2004, 116, 209-216.	1.1	2
189	Tunneling spectroscopy of quantum wires: Spin-charge separation and localization. <i>Physica Status Solidi (B): Basic Research</i> , 2006, 243, 3593-3603.	1.5	2
190	Biasing topological charge injection in topological matter. <i>Physical Review B</i> , 2021, 104, .	3.2	2
191	Ultrafast spin torque memory based on magnetic tunnel junctions with combined in-plane and perpendicular polarizers. , 2012, , .		1
192	Electrical manipulation of spin pumping signal through nonlocal thermal magnon transport. <i>Applied Physics Letters</i> , 2019, 115, .	3.3	1
193	Collective spin dynamics under dissipative spin Hall torque. <i>Applied Physics Letters</i> , 2021, 118, 032406.	3.3	1