

Sadamichi Maekawa

List of Publications by Year in descending order

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papers

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715
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715
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715
times ranked

13511
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of the spin Seebeck effect. Nature, 2008, 455, 778-781.	27.8	1,858
2	Transmission of electrical signals by spin-wave interconversion in a magnetic insulator. Nature, 2010, 464, 262-266.	27.8	1,364
3	Spin Seebeck insulator. Nature Materials, 2010, 9, 894-897.	27.5	1,088
4	Room-Temperature Reversible Spin Hall Effect. Physical Review Letters, 2007, 98, 156601.	7.8	908
5	Thermopower in cobalt oxides. Physical Review B, 2000, 62, 6869-6872.	3.2	743
6	Observation of longitudinal spin-Seebeck effect in magnetic insulators. Applied Physics Letters, 2010, 97, 172505.	3.3	636
7	Theory of magnon-driven spin Seebeck effect. Physical Review B, 2010, 81, .	3.2	557
8	Electric Manipulation of Spin Relaxation Using the Spin Hall Effect. Physical Review Letters, 2008, 101, 036601.	7.8	547
9	Inverse spin-Hall effect induced by spin pumping in metallic system. Journal of Applied Physics, 2011, 109, .	2.5	438
10	Spin injection and detection in magnetic nanostructures. Physical Review B, 2003, 67, .	3.2	409
11	Theory of tunneling magnetoresistance in granular magnetic films. Physical Review B, 1996, 53, R11927-R11929.	3.2	395
12	Giant spin Hall effect in perpendicularly spin-polarized FePt/Au devices. Nature Materials, 2008, 7, 125-129.	27.5	376
13	Theory of the spin Seebeck effect. Reports on Progress in Physics, 2013, 76, 036501.	20.1	374
14	Electron tunneling between ferromagnetic films. IEEE Transactions on Magnetism, 1982, 18, 707-708.	2.1	367
15	Observation of Spin-Charge Separation in One-Dimensional SrCuO ₂ . Physical Review Letters, 1996, 77, 4054-4057.	7.8	355
16	Apex oxygen and critical temperature in copper oxide superconductors: Universal correlation with the stability of local singlets. Physical Review B, 1991, 43, 2968-2982.	3.2	338
17	Electrically tunable spin injector free from the impedance mismatch problem. Nature Materials, 2011, 10, 655-659.	27.5	324
18	Enhanced Magnetoresistance in Insulating Granular Systems: Evidence for Higher-Order Tunneling. Physical Review Letters, 1998, 81, 2799-2802.	7.8	323

#	ARTICLE	IF	CITATIONS
19	Magnetoresistance in Two-Dimensional Disordered Systems: Effects of Zeeman Splitting and Spin-Orbit Scattering. Journal of the Physical Society of Japan, 1981, 50, 2516-2524.	1.6	307
20	Kondo Effect in Quantum Dots Coupled to Ferromagnetic Leads. Physical Review Letters, 2003, 91, 127203.	7.8	300
21	Effect of Coulomb Blockade on Magnetoresistance in Ferromagnetic Tunnel Junctions. Physical Review Letters, 1998, 80, 1758-1761.	7.8	291
22	Localization Effects in Two-Dimensional Superconductors. Journal of the Physical Society of Japan, 1982, 51, 1380-1385.	1.6	287
23	Quantum Transport and Surface Scattering. Physical Review Letters, 1986, 57, 2760-2763.	7.8	287
24	Electronic states and magnetic properties of edge-sharing Cu-O chains. Physical Review B, 1998, 57, 5326-5335.	3.2	281
25	Transition between Two Ferromagnetic States Driven by Orbital Ordering in La _{0.88} Sr _{0.12} MnO ₃ . Physical Review Letters, 1999, 82, 4328-4331.	7.8	257
26	Orbital Liquid in Three-Dimensional Mott Insulator: LaTiO ₃ . Physical Review Letters, 2000, 85, 3950-3953.	7.8	256
27	Current-Spin Coupling for Ferromagnetic Domain Walls in Fine Wires. Physical Review Letters, 2005, 95, 107204.	7.8	245
28	Linear-response theory of spin Seebeck effect in ferromagnetic insulators. Physical Review B, 2011, 83, .	3.2	239
29	Systematics of the Photoemission Spectral Function of Cuprates: Insulators and Hole- and Electron-Doped Superconductors. Physical Review Letters, 1998, 80, 4245-4248.	7.8	236
30	Long-range spin Seebeck effect and acoustic spin pumping. Nature Materials, 2011, 10, 737-741.	27.5	235
31	Thermoelectric Generation Based on Spin Seebeck Effects. Proceedings of the IEEE, 2016, 104, 1946-1973.	21.3	232
32	Generalization of Faraday's Law to Include Nonconservative Spin Forces. Physical Review Letters, 2007, 98, 246601.	7.8	229
33	Effective Hamiltonian in manganites: Study of the orbital and spin structures. Physical Review B, 1997, 55, 8280-8286.	3.2	227
34	Physics of Transition Metal Oxides. Springer Series in Solid-state Sciences, 2004, , .	0.3	224
35	Observation of orbital waves as elementary excitations in a solid. Nature, 2001, 410, 180-183.	27.8	204
36	Effects of Spin and Orbital Degeneracy on the Thermopower of Strongly Correlated Systems. Physical Review Letters, 2001, 87, 236603.	7.8	199

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37	Spiral State and Giant Magnetoresistance in Perovskite Mn Oxides. Physical Review Letters, 1995, 74, 3407-3410.	7.8	194
38	Electronic Structure of Mott Insulators Studied by Inelastic X-ray Scattering. Science, 2000, 288, 1811-1814.	12.6	193
39	Distinct spinon and holon dispersions in photoemission spectral functions from one-dimensional SrCuO ₂ . Nature Physics, 2006, 2, 397-401.	16.7	193
40	Spin Imbalance and Magnetoresistance in Ferromagnet/Superconductor/Ferromagnet Double Tunnel Junctions. Physical Review Letters, 1999, 82, 3911-3914.	7.8	177
41	Giant enhancement of spin accumulation and long-distance spin precession in metallic lateral spin valves. Nature Materials, 2011, 10, 527-531.	27.5	174
42	Angular dependence of inverse spin Hall effect induced by spin pumping investigated in a Ni/MnTiO_3 film. Physical Review B, 2008, 78, .	3.2	172
43	Effects of the surface boundary on the magnetization process in type-II superconductors. Physical Review B, 1993, 47, 8016-8024.	3.2	168
44	Theory of Giant Magnetoresistance in Metallic Superlattices. Journal of the Physical Society of Japan, 1991, 60, 376-379.	1.6	164
45	Electromotive force and huge magnetoresistance in magnetic tunnel junctions. Nature, 2009, 458, 489-492.	27.8	164
46	Observation of the spin Seebeck effect in epitaxial Fe ₃ O ₄ thin films. Applied Physics Letters, 2013, 102, .	3.3	163
47	Enhanced spin accumulation and novel magnetotransport in nanoparticles. Nature Materials, 2004, 4, 57-61.	27.5	160
48	Rashba Spin-Orbit Anisotropy and the Electric Field Control of Magnetism. Scientific Reports, 2014, 4, 4105.	3.3	159
49	Gigantic enhancement of spin Seebeck effect by phonon drag. Applied Physics Letters, 2010, 97, .	3.3	157
50	Li(Zn,Mn)As as a new generation ferromagnet based on a I^{II} V semiconductor. Nature Communications, 2011, 2, 422.	12.8	157
51	Role of next-nearest-neighbor hopping in the t - t' -J model. Physical Review B, 1994, 49, 3596-3599.	3.2	154
52	Origin of the spin Seebeck effect in compensated ferrimagnets. Nature Communications, 2016, 7, 10452.	12.8	154
53	Spin current, spin accumulation and spin Hall effect. Science and Technology of Advanced Materials, 2008, 9, 014105.	6.1	147
54	Spin Current in Metals and Superconductors. Journal of the Physical Society of Japan, 2008, 77, 031009.	1.6	145

#	ARTICLE	IF	CITATIONS
55	Thermal spin pumping and magnon-phonon-mediated spin-Seebeck effect. Journal of Applied Physics, 2012, 111, .	2.5	140
56	Theory of Anomalous X-Ray Scattering in Orbital-Ordered Manganites. Physical Review Letters, 1998, 80, 3799-3802.	7.8	138
57	Superconducting qubit with a Ferromagnetic Josephson Junction. Physical Review Letters, 2005, 95, 097001.	7.8	138
58	Angle-resolved photoemission in high-Tc cuprates from theoretical viewpoints. Superconductor Science and Technology, 2000, 13, R17-R32.	3.5	135
59	Quantum materials for spin and charge conversion. Npj Quantum Materials, 2018, 3, .	5.2	132
60	Universality Classes for Domain Wall Motion in the Ferromagnetic Semiconductor (Ga,Mn)As. Science, 2007, 317, 1726-1729.	12.6	130
61	Spin Current Generation Using a Surface Acoustic Wave Generated via Spin-Rotation Coupling. Physical Review Letters, 2017, 119, 077202.	7.8	130
62	Charge-transfer gap and superexchange interaction in insulating cuprates. Physical Review Letters, 1991, 66, 1228-1231.	7.8	129
63	Separation of longitudinal spin Seebeck effect from anomalous Nernst effect: Determination of origin of transverse thermoelectric voltage in metal/insulator junctions. Physical Review B, 2013, 88, .	3.2	126
64	Unidirectional spin-wave heat conveyer. Nature Materials, 2013, 12, 549-553.	27.5	125
65	Tunneling electroresistance in ferroelectric tunnel junctions with a composite barrier. Applied Physics Letters, 2009, 95, .	3.3	124
66	Spin hydrodynamic generation. Nature Physics, 2016, 12, 52-56.	16.7	120
67	Superconductivity in the Kondo lattice. Physical Review B, 1984, 29, 2497-2502.	3.2	118
68	Spin Seebeck effect in antiferromagnets and compensated ferrimagnets. Physical Review B, 2013, 87, .	3.2	117
69	Conductance Quantization and Magnetoresistance in Magnetic Point Contacts. Physical Review Letters, 2000, 84, 1003-1006.	7.8	116
70	Mechanical generation of spin current by spin-rotation coupling. Physical Review B, 2013, 87, .	3.2	114
71	One-dimensional spinon spin currents. Nature Physics, 2017, 13, 30-34.	16.7	111
72	Effects of Mechanical Rotation on Spin Currents. Physical Review Letters, 2011, 106, 076601.	7.8	110

73	Electronic State of aCoO ₂ Layer with Hexagonal Structure: A Kagomé Lattice Structure in a Triangular Lattice. Physical Review Letters, 2003, 91, 257003.	7.8	109
74	Enhanced dc spin pumping into a fluctuating ferromagnet near T_C . Physical Review B, 2014, 89, .	3.2	103
75	Extremely long quasiparticle spin lifetimes in superconducting aluminium using MgO tunnel spin injectors. Nature Materials, 2010, 9, 586-593.	27.5	102
76	Parallel and perpendicular transport in multilayered structures. Physical Review B, 1993, 48, 6192-6198.	3.2	100
77	Nonlinear optical response and spin-charge separation in one-dimensional Mott insulators. Physical Review B, 2000, 62, R4769-R4773.	3.2	100
78	Anisotropic two-dimensional electron gas at the LaAlO ₃ /SrTiO ₃ (110) interface. Nature Communications, 2013, 4, 1838.	12.8	96
79	Superconducting phase transitions in rare-earth compounds. Physical Review B, 1978, 18, 4688-4705.	3.2	95
80	Separation of spin and charge excitations in one-dimensionalSrCuO ₂ . Physical Review B, 1997, 56, 15589-15595.	3.2	95
81	Spin current as a probe of quantum materials. Nature Materials, 2020, 19, 139-152.	27.5	94
82	Momentum Dependence of Resonant Inelastic X-Ray Scattering Spectrum in Insulating Cuprates. Physical Review Letters, 1999, 83, 3705-3708.	7.8	93
83	Gate-controlled spin splitting in quantum dots with ferromagnetic leads in the Kondo regime. Physical Review B, 2005, 72, .	3.2	93
84	Spin Current: Experimental and Theoretical Aspects. Journal of the Physical Society of Japan, 2013, 82, 102002.	1.6	93
85	Anomalous temperature dependence of current-induced torques in CoFeB/MgO with Ta-based underlayers. Physical Review B, 2014, 89, .	1.2	92
86	Upper Critical Field in Two-Dimensional Superconductors. Journal of the Physical Society of Japan, 1983, 52, 1352-1360.	1.6	91
87	Nonreciprocal surface acoustic wave propagation via magneto-rotation coupling. Science Advances, 2020, 6, eabb1724.	10.3	91
88	Enhanced tunnel magnetoresistance in granular nanobridges. Applied Physics Letters, 2001, 78, 515-517.	3.3	89
89	Electronic structure and effective Hamiltonian in perovskite Mn oxides. Physica C: Superconductivity and Its Applications, 1996, 263, 130-133.	1.2	88
90	Effect of spin-dependent screening on tunneling electroresistance and tunneling magnetoresistance in multiferroic tunnel junctions. Physical Review B, 2010, 81, .	3.2	85

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91	Localization and interaction effects in two-dimensional W-Re films. Physical Review B, 1983, 28, 6607-6609.	3.2	84
92	Hall Effect Induced by a Spin-Polarized Current in Superconductors. Physical Review Letters, 2002, 88, 116601.	7.8	83
93	Electronic structure and transport properties in magnetic superlattices. Physical Review B, 1993, 47, 5809-5818.	3.2	82
94	Quasiparticle-mediated spin Hall effect in a superconductor. Nature Materials, 2015, 14, 675-678.	27.5	82
95	Spin-dependent Coulomb blockade in ferromagnet/normal-metal/ferromagnet double tunnel junctions. Physical Review B, 1999, 59, 6017-6020.	3.2	80
96	Unusually Small Electrical Resistance of Three-Dimensional Nanoporous Gold in External Magnetic Fields. Physical Review Letters, 2008, 101, 166601.	7.8	79
97	Spin-Seebeck effects in films. Solid State Communications, 2010, 150, 524-528.	1.9	78
98	Enhanced Spin Hall Effect by Resonant Skew Scattering in the Orbital-Dependent Kondo Effect. Physical Review Letters, 2009, 102, 036401.	7.8	77
99	Surface-Assisted Spin Hall Effect in Au Films with Pt Impurities. Physical Review Letters, 2010, 105, 216401.	7.8	77
100	Electric detection of spin wave resonance using inverse spin-Hall effect. Applied Physics Letters, 2009, 94, .	3.3	76
101	Thermopower in Ce Kondo Systems. Journal of the Physical Society of Japan, 1986, 55, 3194-3198.	1.6	75
102	Transport Properties in Magnetic Superlattices. Journal of the Physical Society of Japan, 1992, 61, 1149-1152.	1.6	75
103	Physical Parameters in Copper Oxide Superconductors. Journal of the Physical Society of Japan, 1990, 59, 1760-1770.	1.6	73
104	Unconventional scaling and significant enhancement of the spin Seebeck effect in multilayers. Physical Review B, 2015, 92, .	3.2	73
105	Crystal Field in Kondo System. Journal of the Physical Society of Japan, 1985, 54, 1955-1963.	1.6	71
106	Dynamics of Holes in Antiferromagnetic State. Journal of the Physical Society of Japan, 1990, 59, 2110-2123.	1.6	71
107	Momentum Dependence of Charge Excitations in the Electron-Doped Superconductor Nd _{1.85} Ce _{0.15} CuO ₄ : A Resonant Inelastic X-Ray Scattering Study. Physical Review Letters, 2005, 94, 207003.	7.8	71
108	Spatially homogeneous ferromagnetism of (Ga, Mn)As. Nature Materials, 2010, 9, 299-303.	27.5	71

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109	Diluted ferromagnetic semiconductor Li(Zn,Mn)P with decoupled charge and spin doping. Physical Review B, 2013, 88, .	3.2	71
110	Effect of Magnetic Field on Sound Propagation near Magnetic Phase Transition Temperatures. Progress of Theoretical Physics, 1974, 51, 1-25.	2.0	70
111	Spin and Charge Dynamics of the J -Model. Physical Review Letters, 1995, 74, 980-983.	7.8	69
112	Large Third-Order Optical Nonlinearity of Cu-O Chains Investigated by Third-Harmonic Generation Spectroscopy. Physical Review Letters, 2001, 87, 177401.	7.8	69
113	Nonequilibrium Kondo effect in a quantum dot coupled to ferromagnetic leads. Physical Review B, 2005, 71, .	3.2	69
114	Orbital ordering in LaMnO_3 and electron-lattice interactions. Physical Review B, 2002, 65, .	3.2	68
115	Bogoliubov quasiparticle excitations in the two-dimensional J -model. Physical Review Letters, 1994, 73, 324-327.	7.8	67
116	Orbital degree of freedom and phase separation in ferromagnetic manganites at finite temperatures. Physical Review B, 2000, 61, 451-458.	3.2	66
117	Computer simulations of dynamics of flux lines in type-II superconductors. Physical Review B, 1991, 44, 6916-6920.	3.2	65
118	Kondo quantum dot coupled to ferromagnetic leads: Numerical renormalization group study. Physical Review B, 2007, 76, .	3.2	65
119	Evolution of the in-gap state in high- T_c cuprates. Physical Review B, 1992, 46, 14022-14033.	3.2	64
120	Effect of Stripes on Electronic States in Underdoped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. Physical Review Letters, 1999, 82, 4910-4913.	7.8	64
121	Tunnel-MR and spin electronics in metal-nonmetal granular systems. Journal of Magnetism and Magnetic Materials, 1999, 198-199, 179-184.	2.3	64
122	Spin-dependent inertial force and spin current in accelerating systems. Physical Review B, 2011, 84, .	3.2	64
123	Conductance Fluctuation in Small Metallic Wires. Journal of the Physical Society of Japan, 1987, 56, 25-28.	1.6	61
124	Andreev reflection in ferromagnet/superconductor/ferromagnet double junction systems. Physical Review B, 2003, 67, .	3.2	60
125	Orbital excitations in LaMnO_3 studied by resonant inelastic x-ray scattering. Physical Review B, 2003, 67, .	3.2	60
126	Magnetic memory and current amplification devices using moving domain walls. Applied Physics Letters, 2006, 89, 122507.	3.3	60

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127	Spin transport and relaxation in superconductors. Physical Review B, 2002, 65, .	3.2	59
128	Pair breaking parameter of two-dimensional dirty superconductors. Solid State Communications, 1983, 45, 75-78.	1.9	58
129	Giant dielectric and magnetoelectric responses in insulating nanogranular films at room temperature. Nature Communications, 2014, 5, 4417.	12.8	58
130	Electronic and magnetic structures of cuprates with spin-orbit interaction. Physical Review B, 1993, 47, 3391-3400.	3.2	57
131	Polarization dependence of anomalous x-ray scattering in orbital-ordered manganites. Physical Review B, 1998, 58, 13442-13451.	3.2	57
132	Low Energy Electronic States and Triplet Pairing in Layered Cobaltate. Physical Review Letters, 2004, 93, 176401.	7.8	57
133	Possible $d_{x^2-y^2}$ orbital ordering in MgO doped with nitrogen. Physical Review B, 2009, 79, .	3.2	56
134	Crossed Andreev reflection in structures consisting of a superconductor with ferromagnetic leads. Physical Review B, 2003, 68, .	3.2	55
135	Spin current through a normal-metal/insulating-ferromagnet junction. Journal of Physics: Conference Series, 2010, 200, 062030.	0.4	55
136	Electronic States of Doped Spin Ladders (Sr,Ca) ₁₄ Cu ₂₄ O ₄₁ . Journal of the Physical Society of Japan, 1997, 66, 937-940.	1.6	54
137	Numerical study on the spin Seebeck effect. Physical Review B, 2011, 83, .	3.2	54
138	Bulk Superconductivity in Weakly Localized Regime. Journal of the Physical Society of Japan, 1984, 53, 3560-3567.	1.6	53
139	Transition temperature in copper-oxide superconductors correlated with energy level of apical oxygen. Physica C: Superconductivity and Its Applications, 1990, 166, 385-387.	1.2	53
140	Interplay of Spin and Orbital Orderings in Perovskite Manganites. Journal of the Physical Society of Japan, 1997, 66, 957-960.	1.6	53
141	Stripe stability in the extended t - J model on planes and four-leg ladders. Physical Review B, 1999, 59, R11649-R11652.	3.2	53
142	Mott Gap Excitations and Resonant Inelastic X-Ray Scattering in Doped Cuprates. Physical Review Letters, 2003, 91, 117001.	7.8	53
143	Origin of the Phonon Hall Effect in Rare-Earth Garnets. Physical Review Letters, 2014, 113, 265901.	7.8	53
144	Effect of Crystal Field on Kondo Resistivity in Ce Compounds. Journal of the Physical Society of Japan, 1986, 55, 1341-1349.	1.6	52

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145	Electronic states in the antiferromagnetic phase of electron-doped high-T _c cuprates. Physical Review B, 2001, 64, .	3.2	52
146	Flux-States in the Double-Exchange Model. Physical Review Letters, 1998, 81, 5604-5607.	7.8	51
147	Theory of Dzyaloshinski-Moriya antiferromagnetism in distorted CuO ₂ and NiO ₂ planes. Physical Review B, 1994, 50, 3767-3778.	3.2	50
148	Magnetic Correlations in the Hubbard Model on Triangular and Kagomé Lattices. Physical Review Letters, 2005, 95, 037001.	7.8	50
149	Magnetization dynamics and its scattering mechanism in thin CoFeB films with interfacial anisotropy. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3815-3820.	7.1	50
150	Anomalous Spin and Charge Dynamics of the J-Model at Low Doping. Physical Review Letters, 1995, 74, 5124-5127.	7.8	49
151	Effects of Randomness on Tunnel Conductance and Magnetoresistance in Ferromagnetic Tunnel Junctions. Journal of the Physical Society of Japan, 1999, 68, 1632-1639.	1.6	49
152	Coulomb staircase in STM current through granular films. Physical Review B, 2000, 61, 46-49.	3.2	49
153	Numerical approach to the low-doping regime of the t -J model at low doping. Physical Review B, 2007, 76, .	3.2	49
154	Continuous Generation of Spinmotive Force in a Patterned Ferromagnetic Film. Physical Review Letters, 2011, 107, 236602.	7.8	49
155	Generation of spin currents by surface plasmon resonance. Nature Communications, 2015, 6, 5910.	12.8	49
156	Charge and spin in low-dimensional cuprates. Reports on Progress in Physics, 2001, 64, 383-428.	20.1	48
157	Spin dynamical properties and orbital states of the layered perovskite $\text{La}_{2-x}\text{Sr}_{1+2x}\text{Mn}_2\text{O}_7$, ($0.3 < x < 0.5$). Physical Review B, 2002, 65, .	3.2	48
158	Giant magnetoresistance in magnetic granular alloys. Physical Review B, 1994, 49, 12831-12834.	3.2	47
159	Theory of spin hydrodynamic generation. Physical Review B, 2017, 96, .	3.2	47
160	Spin Current Noise of the Spin Seebeck Effect and Spin Pumping. Physical Review Letters, 2018, 120, 037201.	7.8	47
161	Theory of Dirty Superconductors in Weakly Localized Regime. Journal of the Physical Society of Japan, 1984, 53, 2681-2687.	1.6	46
162	Theory of giant magnetoresistance for parallel and perpendicular currents in magnetic multilayers. Physical Review B, 1995, 51, 342-352.	3.2	46

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163	One-particle excitation spectra, optical conductivity and O 1s x-ray absorption spectra in high-T _c cuprates: a cluster model approach. Physica C: Superconductivity and Its Applications, 1992, 191, 193-198.	1.2	45
164	Spin-motive force due to a gyrating magnetic vortex. Nature Communications, 2012, 3, 845.	12.8	45
165	Observation of Barnett fields in solids by nuclear magnetic resonance. Applied Physics Express, 2014, 7, 063004.	2.4	45
166	Insulator-metal transition in one dimension induced by long-range electronic interactions. Physical Review B, 1997, 56, R1645-R1649.	3.2	44
167	Antiferromagnetic ordering of S=1/2 triangles in La ₄ Cu ₃ MoO ₁₂ . Physical Review B, 2000, 62, R3588-R3591.	3.2	44
168	Theory of the spin Peltier effect. Physical Review B, 2017, 96, .	3.2	44
169	Magnetic ordering, orbital ordering, and resonant x-ray scattering in perovskite titanates. Physical Review B, 2002, 65, .	3.2	43
170	Time-Domain Observation of the Spinmotive Force in Permalloy Nanowires. Physical Review Letters, 2012, 108, 147202.	7.8	43
171	Superconducting Transition Temperature of Dirty Thin Films in Weakly Localized Regime. Journal of the Physical Society of Japan, 1985, 54, 2257-2268.	1.6	42
172	Theory of orbital excitation and resonant inelastic x-ray scattering in manganites. Physical Review B, 2000, 62, 2338-2345.	3.2	41
173	Spin accumulation in ferromagnetic single-electron transistors in the cotunneling regime. Physical Review B, 2002, 66, .	3.2	41
174	Resonant x-ray scattering in manganites: study of the orbital degree of freedom. Reports on Progress in Physics, 2002, 65, 561-598.	20.1	41
175	Implications of the Nuclear Quadrupole Frequency in High-T _c Cuprates. Journal of the Physical Society of Japan, 1992, 61, 2198-2201.	1.6	40
176	Superconductivity in Spin Ladders. Science, 1996, 273, 1515-0.	12.6	40
177	Mott Gap Excitations in Twin-Free YBa ₂ Cu ₃ O _{7-δ} (T _c =93 K) Studied by Resonant Inelastic X-Ray Scattering. Physical Review Letters, 2005, 94, 187002.	7.8	40
178	Supercurrent Pumping in Josephson Junctions with a Half-Metallic Ferromagnet. Physical Review Letters, 2007, 99, 057003.	7.8	39
179	Relaxation Dynamics of Photocarriers in One-Dimensional Mott Insulators Coupled to Phonons. Journal of the Physical Society of Japan, 2012, 81, 013701.	1.6	39
180	Superexchange interaction in cuprates. Physical Review B, 1998, 58, R14713-R14716.	3.2	38

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181	Doping dependence of chemical potential and entropy in hole- and electron-doped high-Tccuprates. Physical Review B, 2003, 67, .	3.2	38
182	Theory of Magnetoresistance in Magnetic Superlattices. Progress of Theoretical Physics Supplement, 1991, 106, 187-193.	0.1	38
183	Superconducting ĩ€ qubit with three Josephson junctions. Applied Physics Letters, 2006, 88, 132501.	3.3	37
184	Quantum Dynamics of a Driven Correlated System Coupled to Phonons. Physical Review Letters, 2011, 107, 246404.	7.8	37
185	Spin Hall effect by surface roughness. Physical Review B, 2015, 91, .	3.2	37
186	Nonreciprocal Spin Current Generation in Surface-Oxidized Copper Films. Physical Review Letters, 2019, 122, 217701.	7.8	37
187	Resonant inelastic x-ray scattering in one-dimensional copper oxides. Physical Review B, 2000, 61, 7180-7182.	3.2	36
188	Phenomenological analysis for spin-Seebeck effect in metallic magnets. Journal of Applied Physics, 2009, 105, 07C908.	2.5	36
189	Heavy Quasiparticles in the Anderson Lattice Model. Physical Review Letters, 1996, 76, 279-282.	7.8	35
190	Pressure Effects in Manganites with Layered Perovskite Structure. Journal of the Physical Society of Japan, 1997, 66, 2965-2968.	1.6	35
191	Dirac surface stateâ€modulated spin dynamics in a ferrimagnetic insulator at room temperature. Science Advances, 2018, 4, eaas8660.	10.3	35
192	Localization Effects on Bulk Superconductivity in Weakly Localized Regime. Journal of the Physical Society of Japan, 1984, 53, 1919-1922.	1.6	34
193	Electrical resistivity, thermal conductivity, and thermopower in theU=âˆž Hubbard model. Physical Review B, 1990, 41, 6977-6988.	3.2	34
194	Effects of Carrier-Doping on Optical Conductivity in HighTcCopper Oxides. Journal of the Physical Society of Japan, 1991, 60, 53-56.	1.6	34
195	Finite Temperature Effects in a One-Dimensional Mott-Hubbard Insulator: Angle-Resolved Photoemission Study ofNa0.96V2O5. Physical Review Letters, 1999, 82, 803-806.	7.8	34
196	Acoustic ferromagnetic resonance and spin pumping induced by surface acoustic waves. Journal Physics D: Applied Physics, 2020, 53, 264002.	2.8	34
197	Magnetoresistance in metallic superlattices. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 1883-1884.	2.3	33
198	Exact-diagonalization study of the Hubbard model with nearest-neighbor repulsion. Physical Review B, 1994, 50, 13594-13602.	3.2	33

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199	Exact diagonalization study of optical conductivity in the two-dimensional Hubbard model. Physical Review B, 2005, 72, .	3.2	33
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