

Sadamichi Maekawa

List of PR Articles by Year in descending order

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597

PR articles

23,710

PR citations

5259

73

PR h-index

4771

152

g-index

654

documents

32346

doc citations

4443

82

h-index

13496

citing authors

#	ARTICLE	IF	PR CITATIONS
1	Gyro-spintronic material science using vorticity gradient in solids. Science and Technology of Advanced Materials, 2025, 26, .	6.3	0
2	Magnetostatic Field Induced by Mechanical Deformations. Annalen Der Physik, 2024, 536, .	2.6	2
3	Strongly Coupled Spin Waves and Surface Acoustic Waves at Room Temperature. Physical Review Letters, 2024, 132, .	8.3	34
4	Spin and spin current—From fundamentals to recent progress. Journal of Applied Physics, 2023, 133, .	2.2	50
5	Shapiro steps in charge-density-wave states driven by ultrasound. Applied Physics Letters, 2023, 122, .	3.1	7
6	Hybridized Propagation of Spin Waves and Surface Acoustic Waves in a Multiferroic-Ferromagnetic Heterostructure. Physical Review Applied, 2023, 19, .	3.9	7
7	Enhanced spin-orbit coupling and orbital moment in ferromagnets by electron correlations. Physical Review B, 2023, 107, .	3.4	6
8	Valley-Selective Phonon-Magnon Scattering in Magnetoelastic Superlattices. Physical Review Letters, 2023, 131, .	8.3	13
9	Acoustically Driven Magnon-Phonon Coupling in a Layered Antiferromagnet. Physical Review Letters, 2023, 131, .	8.3	32
10	Interaction between surface acoustic waves and spin waves in a ferromagnetic thin film. Journal of Magnetism and Magnetic Materials, 2022, 545, 168672.	2.8	28
11	Skyrmion Creation and Annihilation by Electric Current Vorticity. IEEE Transactions on Magnetics, 2022, 58, 1-7.	1.4	6
12	Magnetic Properties and Electronic Configurations of Mn Ions in the Diluted Magnetic Semiconductor $\text{Ba}_{1-x}\text{K}_x(\text{Zn}_{1-y}\text{Mn}_y\text{As})_2$ Studied by X-ray Magnetic Circular Dichroism and Resonant Inelastic X-ray Scattering. Journal of the Physical Society of Japan, 2022, 91, .	2.2	5
13	Anisotropic Spin Distribution and Perpendicular Magnetic Anisotropy in a Layered Ferromagnetic Semiconductor $(\text{Ba,K})(\text{Zn,Mn})_2\text{As}_2$. ACS Applied Electronic Materials, 2021, 3, 789-794.	4.6	10
14	Generation of Effective Field Gradient and Spin Current by a Flow of Liquid Helium-3. Journal of Low Temperature Physics, 2021, 203, 255-261.	1.2	0
15	Generation of Current Vortex by Spin Current in Rashba Systems. Physical Review Letters, 2021, 126, .	8.3	5
16	Barnett field, rotational Doppler effect, and Berry phase studied by nuclear quadrupole resonance with rotation. Physical Review B, 2021, 103, .	3.4	9
17	Zeeman coupling and Dzyaloshinskii-Moriya interaction driven by electric current vorticity. Physical Review B, 2021, 103, .	3.4	10
18	Observation of the Angular Momentum Compensation by Barnett Effect and NMR. Journal of the Physical Society of Japan, 2021, 90, .	2.2	5

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19	Half-integer Shapiro steps in strong ferromagnetic Josephson junctions. <i>Physical Review B</i> , 2021, 104, .	3.4	13
20	Long decay length of magnon-polarons in BiFeO ₃ /La _{0.67} Sr _{0.33} MnO ₃ heterostructures. <i>Nature Communications</i> , 2021, 12, .	13.9	26
21	Microscopic mechanism of high-temperature ferromagnetism in Fe, Mn, and Cr-doped InSb, InAs, and GaSb magnetic semiconductors. <i>Physical Review B</i> , 2020, 102, .	3.4	26
22	Non-reciprocal Pumping of Surface Acoustic Waves by Spin Wave Resonance. <i>Journal of the Physical Society of Japan</i> , 2020, 89, 113702.	2.2	28
23	Nonreciprocal surface acoustic wave propagation via magneto-rotation coupling. <i>Science Advances</i> , 2020, 6, .	11.2	158
24	Spin treacle in a frustrated magnet observed with spin current. <i>Physical Review B</i> , 2020, 102, .	3.4	3
25	Highly nonlinear frequency-dependent spin-wave resonance excited via spin-vorticity coupling. <i>Physical Review B</i> , 2020, 102, .	3.4	30
26	Giant spin hydrodynamic generation in laminar flow. <i>Nature Communications</i> , 2020, 11, .	13.9	27
27	Acoustic ferromagnetic resonance and spin pumping induced by surface acoustic waves. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 264002.	3.0	49
28	Enhancement of domain-wall mobility detected by NMR at the angular momentum compensation temperature. <i>Physical Review B</i> , 2020, 102, .	3.4	7
29	Record thermopower found in an IrMn-based spintronic stack. <i>Nature Communications</i> , 2020, 11, .	13.9	21
30	Magnetic mechanism for the biological functioning of hemoglobin. <i>Scientific Reports</i> , 2020, 10, .	3.5	16
31	Reply to "Comment on "Observation of Barnett fields in solids by nuclear magnetic resonance" [Appl. Phys. Express 7, 063004 (2014)]. <i>Applied Physics Express</i> , 2020, 13, 109102.	2.1	4
32	Spin Seebeck mechanical force. <i>Nature Communications</i> , 2019, 10, .	13.9	36
33	Nonreciprocal Spin Current Generation in Surface-Oxidized Copper Films. <i>Physical Review Letters</i> , 2019, 122, .	8.3	62
34	Angular momentum compensation manipulation to room temperature of the ferrimagnet Ho ₃ DyFe ₅ O ₁₂ detected by the Barnett effect. <i>Applied Physics Letters</i> , 2019, 114, .	3.1	25
35	Spin current as a probe of quantum materials. <i>Nature Materials</i> , 2019, 19, 139-152.	35.1	132
36	Giant Faraday Rotation in Metal-Fluoride Nanogranular Films. <i>Scientific Reports</i> , 2018, 8, .	3.5	34

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37	Spin Current Noise of the Spin Seebeck Effect and Spin Pumping. <i>Physical Review Letters</i> , 2018, 120, .	8.3	63
38	Magnetic Anisotropy by Rashba Spin-Orbit Coupling in Antiferromagnetic Thin Films. <i>Journal of the Physical Society of Japan</i> , 2018, 87, 053703.	2.2	6
39	Magnetic phase diagram of a frustrated spin ladder. <i>Physical Review B</i> , 2018, 97, .	3.4	9
40	Quantum materials for spin and charge conversion. <i>Npj Quantum Materials</i> , 2018, 3, .	6.1	189
41	Dirac surface state-modulated spin dynamics in a ferrimagnetic insulator at room temperature. <i>Science Advances</i> , 2018, 4, .	11.2	42
42	Observation of gyromagnetic reversal. <i>Applied Physics Letters</i> , 2018, 113, .	3.1	23
43	New p- and n-type ferromagnetic semiconductors: Cr-doped BaZn ₂ As ₂ . <i>AIP Advances</i> , 2017, 7, .	1.2	11
44	Skew Scattering from Correlated Systems: Impurities and Collective Excitations in the Spin Hall Effect. <i>Journal of the Physical Society of Japan</i> , 2017, 86, 011005.	2.2	1
45	Magnetization dynamics and its scattering mechanism in thin CoFeB films with interfacial anisotropy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3815-3820.	7.8	54
46	Theory of the spin Peltier effect. <i>Physical Review B</i> , 2017, 96, .	3.4	52
47	Spin Current Generation Using a Surface Acoustic Wave Generated via Spin-Rotation Coupling. <i>Physical Review Letters</i> , 2017, 119, .	8.3	166
48	Spin-Mechatronics. <i>Journal of the Physical Society of Japan</i> , 2017, 86, 011011.	2.2	41
49	Enhanced orbital magnetic moment in FeCo nanogranules observed by Barnett effect. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 442, 329-331.	2.8	12
50	Theory of spin hydrodynamic generation. <i>Physical Review B</i> , 2017, 96, .	3.4	63
51	Enhanced magneto-optical Kerr effect at Fe/insulator interfaces. <i>Physical Review B</i> , 2017, 96, .	3.4	10
52	Corrections to "Thermoelectric Generation Based on Spin Seebeck Effects" [DOI: 10.1109/JPROC.2016.2535167]. <i>Proceedings of the IEEE</i> , 2016, 104, 1499-1499.	9.6	12
53	Thermoelectric Generation Based on Spin Seebeck Effects. <i>Proceedings of the IEEE</i> , 2016, 104, 1946-1973.	9.6	278
54	Diluted magnetic semiconductors with narrow band gaps. <i>Physical Review B</i> , 2016, 94, .	3.4	24

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55	Temperature dependence of enhanced spin relaxation time in metallic nanoparticles: Experiment and theory. <i>Physical Review B</i> , 2016, 93, .	3.4	0
56	Optically Transparent Ferromagnetic Nanogranular Films with Tunable Transmittance. <i>Scientific Reports</i> , 2016, 6, .	3.5	43
57	Spin transport in half-metallic ferromagnets. <i>Physical Review B</i> , 2016, 94, .	3.4	30
58	What determines the sign of the spin Hall effects in Cu alloys doped with 5d elements?. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 400, 184-187.	2.8	3
59	Origin of the spin Seebeck effect in compensated ferrimagnets. <i>Nature Communications</i> , 2016, 7, .	13.9	190
60	Magnetization plateaus by reconstructed quasispinons in a frustrated two-leg spin ladder under a magnetic field. <i>Physical Review B</i> , 2015, 92, .	3.4	15
61	Unconventional scaling and significant enhancement of the spin Seebeck effect in multilayers. <i>Physical Review B</i> , 2015, 92, .	3.4	90
62	Magnon instability driven by heat current in magnetic bilayers. <i>Physical Review B</i> , 2015, 92, .	3.4	8
63	Strong Suppression of the Spin Hall Effect in the Spin Glass State. <i>Physical Review Letters</i> , 2015, 115, .	8.3	14
64	Barnett effect in paramagnetic states. <i>Physical Review B</i> , 2015, 92, .	3.4	43
65	Quasi-Spin Correlations in a Frustrated Quantum Spin Ladder. <i>Physics Procedia</i> , 2015, 75, 861-867.	1.1	0
66	Mechanical generation of spin current. <i>Frontiers in Physics</i> , 2015, 3, .	1.9	18
67	First-principles study of electronic and magnetic structures of CoFeB Ta and CoFe TaB heterostructures. <i>Molecular Physics</i> , 2015, 113, 314-318.	2.4	3
68	Generation of spin currents by surface plasmon resonance. <i>Nature Communications</i> , 2015, 6, .	13.9	64
69	Sign Change of the Spin Hall Effect due to Electron Correlation in Nonmagnetic CuIr Alloys. <i>Physical Review Letters</i> , 2015, 114, .	8.3	21
70	Spin Hall effect by surface roughness. <i>Physical Review B</i> , 2015, 91, .	3.4	41
71	Rotational Doppler Effect and Barnett Field in Spinning NMR. <i>Journal of the Physical Society of Japan</i> , 2015, 84, 043601.	2.2	21
72	Analysis of the spin Hall effect in CuIr alloys: Combined approach of density functional theory and Hartree-Fock approximation. <i>Journal of Applied Physics</i> , 2015, 117, 17D510.	2.2	4

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73	Theory of unidirectional spin heat conveyer. Journal of Applied Physics, 2015, 117, 17C710.	2.2	7
74	Enhanced spin Hall effect by electron correlations in CuBi alloys. Journal of Applied Physics, 2015, 117, .	2.2	10
75	Line splitting by mechanical rotation in nuclear magnetic resonance. Japanese Journal of Applied Physics, 2015, 54, 050302.	1.9	13
76	Spin mechanics. Solid State Communications, 2014, 198, 1-2.	2.4	6
77	Origin of the Phonon Hall Effect in Rare-Earth Garnets. Physical Review Letters, 2014, 113, .	8.3	65
78	Observation of Barnett fields in solids by nuclear magnetic resonance. Applied Physics Express, 2014, 7, 063004.	2.1	54
79	Giant dielectric and magnetoelectric responses in insulating nanogranular films at room temperature. Nature Communications, 2014, 5, .	13.9	67
80	Zero-Field Fiske Resonance Coupled with Spin-Waves in Ferromagnetic Josephson Junctions. Journal of the Physical Society of Japan, 2014, 83, 074704.	2.2	3
81	Anomalous temperature dependence of current-induced torques in $\text{CoFeB}/\text{MgO}/\text{MgO}/\text{MgO}$ with Ta-based underlayers. Physical Review B, 2014, 89, .	3.4	27
82	Effect of anisotropic spin absorption on the Hanle effect in lateral spin valves. Physical Review B, 2014, 89, .	3.4	27
83	Enhanced dc spin pumping into a fluctuating ferromagnet near $\text{CoFeB}/\text{MgO}/\text{MgO}/\text{MgO}$. Physical Review B, 2014, 89, .	3.4	27
84	Possible method to observe the breathing mode of a magnetic domain wall in the Josephson junction. Journal of Physics Condensed Matter, 2014, 26, 255702.	2.3	5
85	Theory of the acoustic spin pumping. Solid State Communications, 2014, 198, 22-25.	2.4	9
86	Theory of mechanical spin current generation via spin-rotation coupling. Solid State Communications, 2014, 198, 52-56.	2.4	23
87	Theory of mechanical spin current generation via spin-orbit coupling. Solid State Communications, 2014, 198, 57-60.	2.4	6
88	Spinmotive force due to motion of magnetic bubble arrays driven by magnetic field gradient. Scientific Reports, 2014, 4, .	3.5	13
89	Rashba Spin-Orbit Anisotropy and the Electric Field Control of Magnetism. Scientific Reports, 2014, 4, .	3.5	186
90	Spinmotive force with static and uniform magnetization induced by a time-varying electric field. Physical Review B, 2013, 88, .	3.4	18

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91	Linear-response theory of the longitudinal spin Seebeck effect. Journal of the Korean Physical Society, 2013, 62, 1753-1758.	0.8	16
92	Real-time analysis of the spinmotive force due to domain wall motion. Journal of the Korean Physical Society, 2013, 62, 1802-1806.	0.8	1
93	Heat and spin. Journal of the Korean Physical Society, 2013, 62, 1985-1989.	0.8	0
94	Implementation of the DFT+U method and constrained DFT calculations for U and J within a pseudopotential formalism: Application to FeO and LaVO ₃ . Journal of the Korean Physical Society, 2013, 62, 2155-2159.	0.8	3
95	Spin Seebeck effect in antiferromagnets and compensated ferrimagnets. Physical Review B, 2013, 87, .	3.4	129
96	Anisotropic two-dimensional electron gas at the LaAlO ₃ /SrTiO ₃ (110) interface. Nature Communications, 2013, 4, .	13.9	104
97	Spin Current: Experimental and Theoretical Aspects. Journal of the Physical Society of Japan, 2013, 82, 102002.	2.2	102
98	Spin-Hall conductivity and electric polarization in metallic thin films. Physical Review B, 2013, 87, .	3.4	24
99	Mechanical generation of spin current by spin-rotation coupling. Physical Review B, 2013, 87, .	3.4	141
100	Effects of mechanical rotation and vibration on spin currents. Journal of the Korean Physical Society, 2013, 62, 1404-1409.	0.8	3
101	Theory of the spin Seebeck effect. Reports on Progress in Physics, 2013, 76, 036501.	20.6	476
102	Renormalization of spin-rotation coupling. Physical Review B, 2013, 87, .	3.4	25
103	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, .	3.4	155
104	Effects of frustration on magnetic excitations in a two-leg spin-ladder system. Physical Review B, 2013, 87, .	3.4	10
105	Relativistic effects in scattering of polarized electrons. Europhysics Letters, 2013, 103, 47003.	2.2	8
106	SPINMOTIVE FORCE IN MAGNETIC NANOSTRUCTURES. Spin, 2013, 03, 1330004.	1.1	10
107	Spin Hall Effect in Superconductors. Japanese Journal of Applied Physics, 2012, 51, 010110.	1.9	9
108	Relaxation Dynamics of Photocarriers in One-Dimensional Mott Insulators Coupled to Phonons. Journal of the Physical Society of Japan, 2012, 81, 013701.	2.2	41

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109	Theoretical Study of Resonant Inelastic X-ray Scattering Spectrum in Nickelates. Journal of Physics: Conference Series, 2012, 400, 032105.	0.3	1
110	Time-Domain Observation of the Spinmotive Force in Permalloy Nanowires. Physical Review Letters, 2012, 108, .	8.3	46
111	Theory of the spin Hall effect, and its inverse, in a ferromagnetic metal near the Curie temperature. Physical Review B, 2012, 86, .	3.4	13
112	Spin-motive force due to a gyrating magnetic vortex. Nature Communications, 2012, 3, .	13.9	48
113	Towards precise measurement of oscillatory domain wall by ferromagnetic Josephson junction. Applied Physics Letters, 2012, 100, .	3.1	5
114	Magnetic power inverter: AC voltage generation from DC magnetic fields. Applied Physics Letters, 2012, 101, .	3.1	7
115	Spin Hall Effect in Superconductors. Japanese Journal of Applied Physics, 2012, 51, 010110.	1.9	19
116	Effects of Mechanical Rotation on Spin Currents. Physical Review Letters, 2011, 106, .	8.3	125
117	Giant spin Hall effect of Au films with Pt impurities: Surface-assisted skew scattering. Journal of Applied Physics, 2011, 109, 07C502.	2.2	5
118	Equation-of-motion approach of spin-motive force. Journal of Applied Physics, 2011, 109, .	2.2	21
119	Giant enhancement of spin accumulation and long-distance spin precession in metallic lateral spin valves. Nature Materials, 2011, 10, 527-531.	35.1	180
120	Linear-response theory of spin Seebeck effect in ferromagnetic insulators. Physical Review B, 2011, 83, .	3.4	259
121	Numerical study on the spin Seebeck effect. Physical Review B, 2011, 83, .	3.4	56
122	Spinmotive Force Due to Intrinsic Energy of Ferromagnetic Nanowires. Applied Physics Express, 2011, 4, 093003.	2.1	10
123	Theory of resonant inelastic X-ray scattering spectrum for Ni impurities in cuprates. Journal of Physics and Chemistry of Solids, 2011, 72, 354-357.	4.7	1
124	Composite Excitation of Josephson Phase and Spin Waves in Josephson Junctions with Ferromagnetic Insulator. Journal of the Physical Society of Japan, 2011, 80, 074707.	2.2	10
125	Spin-dependent inertial force and spin current in accelerating systems. Physical Review B, 2011, 84, .	3.4	68
126	Reduction of intrinsic critical current density under a magnetic field along the hard axis of a free layer in a magnetic tunnel junction. Physical Review B, 2011, 84, .	3.4	1

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145	Enhanced Pairing Correlations near Oxygen Dopants in Cuprate Superconductors. Physical Review Letters, 2010, 105, .	8.3	9
146	Surface-Assisted Spin Hall Effect in Au Films with Pt Impurities. Physical Review Letters, 2010, 105, .	8.3	78
147	Theory of magnon-driven spin Seebeck effect. Physical Review B, 2010, 81, .	3.4	626
148	Quantum Renormalization of the Spin Hall Effect. Physical Review Letters, 2010, 105, .	8.3	30
149	Spin current through a normal-metal/insulating-ferromagnet junction. Journal of Physics: Conference Series, 2010, 200, 062030.	0.3	64
150	Mirror symmetry and exchange of magnetic impurities mediated by electrons of Rashba spin-orbit interaction in a four-terminal Landauer setup. Journal Physics D: Applied Physics, 2010, 43, 015003.	3.0	6
151	Orbital-dependent Kondo effect for Fe in Au : Combined approach of density functional theory and quantum Monte Carlo method. Journal of Physics: Conference Series, 2010, 200, 062007.	0.3	5
152	Gigantic enhancement of spin Seebeck effect by phonon drag. Applied Physics Letters, 2010, 97, .	3.1	167
153	Observation of longitudinal spin-Seebeck effect in magnetic insulators. Applied Physics Letters, 2010, 97, 172505.	3.1	706
154	Exact diagonalization calculations of hole binding around Ni impurities in Ni-substituted cuprate superconductors. Physical Review B, 2009, 80, .	3.4	13
155	Electrical measurements of the polarization in a moving magnetic vortex. Applied Physics Letters, 2009, 95, 123110.	3.1	30
156	Bipolaron in the $\theta^{\sim}J$ Model Coupled to Longitudinal and Transverse Quantum Lattice Vibrations. Physical Review Letters, 2009, 103, .	8.3	34
157	Direct dynamical coupling of spin modes and singlet Josephson supercurrent in ferromagnetic Josephson junctions. Physical Review B, 2009, 80, .	3.4	31
158	Charge pumping and the colored thermal voltage noise in spin valves. Physical Review B, 2009, 79, .	3.4	16
159	Enhanced Spin Hall Effect by Resonant Skew Scattering in the Orbital-Dependent Kondo Effect. Physical Review Letters, 2009, 102, .	8.3	78
160	Optical conductivity in the t - J model. Physical Review B, 2009, 79, .	3.4	16
161	Inter-impurity and impurity-host magnetic correlations in semiconductors with low-density transition-metal impurities. Physica B: Condensed Matter, 2009, 404, 1159-1168.	2.8	7
162	Possible d - d ferromagnetism in MgO doped with nitrogen. Physical Review B, 2009, 79, .	3.4	16

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163	Spin motive force in magnetic nanostructures. Journal of Applied Physics, 2009, 105, .	2.2	28
164	Mechanism on spatial variation of pairing gap by apical atoms in cuprates. Journal of Physics: Conference Series, 2009, 150, 052169.	0.3	0
165	Combined Approach of Density Functional Theory and Quantum Monte Carlo Method to Electron Correlation in Dilute Magnetic Semiconductors. Journal of the Physical Society of Japan, 2009, 78, 083703.	2.2	15
166	Phase and spin dynamics in a superconductor/ferromagnet/superconductor junction. Journal of Physics: Conference Series, 2009, 150, 052069.	0.3	0
167	Sign Reversal of AC Josephson Current in a Ferromagnetic Josephson Junction. Journal of the Physical Society of Japan, 2009, 78, 014708.	2.2	2
168	Nuclear Quadrupole Resonance Frequency in Multilayered Cuprates. Journal of the Physical Society of Japan, 2009, 78, 123704.	2.2	1
169	Exact diagonalization study on nonmagnetic impurity effects in high- T_c superconductors. Journal of Physics and Chemistry of Solids, 2008, 69, 3365-3368.	4.7	0
170	Theoretical study of ac Josephson effect in a double barrier Josephson junction. Physica C: Superconductivity and Its Applications, 2008, 468, 1907-1909.	0.9	1
171	Effect of electron-phonon interaction on optical response in one-dimensional cuprates. Journal of Physics and Chemistry of Solids, 2008, 69, 3070-3073.	4.7	0
172	Momentum-resolved charge excitations in high- T_c cuprates studied by resonant inelastic X-ray scattering. Journal of Physics and Chemistry of Solids, 2008, 69, 3118-3124.	4.7	0
173	Theoretical study of thermoelectric and Hall effects in the layered cobalt oxides, Na_x Journal of Physics and Chemistry of Solids, 2008, 69, 3214-3216.	4.7	1
174	Proximity effects in a superconductor/ferromagnet junction. Journal of Physics and Chemistry of Solids, 2008, 69, 3257-3260.	4.7	3
175	Electric Manipulation of Spin Relaxation Using the Spin Hall Effect. Physical Review Letters, 2008, 101, .	8.3	612
176	Spectral properties of a hole coupled to optical phonons in the generalized $t\hat{a}^n J$ model. Physical Review B, 2008, 77, .	3.4	33
177	Enhancement of phonon effects in photoexcited states of one-dimensional Mott insulators. Physical Review B, 2008, 77, .	3.4	12
178	Spin Current in Metals and Superconductors. Journal of the Physical Society of Japan, 2008, 77, 031009.	2.2	151
179	Spin current, spin accumulation and spin Hall effect. Science and Technology of Advanced Materials, 2008, 9, 014105.	6.3	163
180	Ferromagnetic Resonance Induced Josephson Current in a Superconductor/Ferromagnet/Superconductor Junction. Journal of the Physical Society of Japan, 2008, 77, 053707.	2.2	17

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181	Spin Current in Superconductors. Progress of Theoretical Physics Supplement, 2008, 176, 341-354.	0.0	0
182	Coexistence of superconductivity and antiferromagnetism in a self-doped bilayer $t^{\prime}t^{\prime\prime}$ model. Physical Review B, 2008, 78, .	3.4	7
183	Origin of the Spatial Variation of the Pairing Gap in Bi-Based High Temperature Cuprate Superconductors. Physical Review Letters, 2008, 101, .	8.3	32
184	Crystal structure effect on the ferromagnetic correlations in ZnO with magnetic impurities. Journal of Applied Physics, 2008, 104, 103906.	2.2	11
185	Unusually Small Electrical Resistance of Three-Dimensional Nanoporous Gold in External Magnetic Fields. Physical Review Letters, 2008, 101, .	8.3	84
186	Angular dependence of inverse spin Hall effect induced by spin pumping investigated in a Ni/Cu film. Physical Review B, 2008, 78, .	3.4	181
187	Hall effect in CoO_2 layers with a hexagonal structure. Physical Review B, 2007, 75, .	3.4	16
188	Numerical approach to the low-doping regime of the $t^{\prime}t^{\prime\prime}$ model. Physical Review B, 2007, 76, .	3.4	52
189	Momentum-dependent charge excitations of a two-leg ladder: Resonant inelastic x-ray scattering of $(\text{La,Sr,Ca})_{14}\text{Cu}_{24}\text{O}_{41}$. Physical Review B, 2007, 76, .	3.4	20
190	Long-range ferromagnetic correlations between Anderson impurities in a semiconductor host: Quantum Monte Carlo simulations. Physical Review B, 2007, 76, .	3.4	24
191	Role of Magnetic Scattering in d - d^{\prime} Transitions in a Superconductor/Ferromagnetic Metal/Superconductor Junction. Journal of the Physical Society of Japan, 2007, 76, 054705.	2.2	16
192	Universality Classes for Domain Wall Motion in the Ferromagnetic Semiconductor $(\text{Ga,Mn})\text{As}$. Science, 2007, 317, 1726-1729.	37.0	132
193	Generalization of Faraday's Law to Include Nonconservative Spin Forces. Physical Review Letters, 2007, 98, .	8.3	250
194	Kondo quantum dot coupled to ferromagnetic leads: Numerical renormalization group study. Physical Review B, 2007, 76, .	3.4	67
195	Room-Temperature Reversible Spin Hall Effect. Physical Review Letters, 2007, 98, .	8.3	966
196	Supercurrent pumping by ferromagnetic resonance in ferromagnetic Josephson junctions. Physica C: Superconductivity and Its Applications, 2007, 463-465, 989-992.	0.9	0
197	Electronic states of multilayered high- T_c cuprates with charge imbalance: Gutzwiller approximation on interlayer hopping. Physica C: Superconductivity and Its Applications, 2007, 460-462, 216-217.	0.9	0
198	Charge excitations and resonant inelastic X-ray scattering in ladder cuprates. Physica C: Superconductivity and Its Applications, 2007, 460-462, 969-970.	0.9	1

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199	Pairing correlations in the Hubbard ladder. Physica C: Superconductivity and Its Applications, 2007, 460-462, 1072-1073.	0.9	0
200	0- and π -states in Josephson coupling through magnetic layers. Physica C: Superconductivity and Its Applications, 2007, 463-465, 23-26.	0.9	0
201	Temperature dependence of Josephson current in a superconductor/ferromagnet/superconductor junction. Physica C: Superconductivity and Its Applications, 2007, 460-462, 1323-1324.	0.9	2
202	Effect of magnons on the $0 \rightarrow \pi$ transition in a superconductor/half-metallic ferromagnet/superconductor junction. Physica C: Superconductivity and Its Applications, 2007, 463-465, 198-201.	0.9	3
203	Indirect exchange interaction between two local spins embedded in an Aharonov-Bohm Ring. Journal of Magnetism and Magnetic Materials, 2007, 310, 1142-1144.	2.8	5
204	Kondo effect in single-molecule spintronic devices. Journal of Magnetism and Magnetic Materials, 2007, 310, e343-e345.	2.8	6
205	Theoretical study of resonant inelastic X-ray scattering in ladder cuprates. Journal of Magnetism and Magnetic Materials, 2007, 310, 972-974.	2.8	1
206	Effect of electron-phonon coupling on spin-charge separation in one-dimensional strongly correlated electron systems. Journal of Magnetism and Magnetic Materials, 2007, 310, 975-977.	2.8	0
207	Magnetic correlations of the Hubbard model on frustrated lattices. Journal of Magnetism and Magnetic Materials, 2007, 310, 511-513.	2.8	0
208	Effect of Kondo resonance on optical third harmonic generation. Journal of Magnetism and Magnetic Materials, 2007, 310, 960-962.	2.8	1
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