

# Naoto Nagaosa

## List of Publications by Year in descending order

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199  
papers

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201  
docs citations

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times ranked

16855  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental signature of the parity anomaly in a semi-magnetic topological insulator. Nature Physics, 2022, 18, 390-394.	6.5	45
2	Photovoltaic effect by soft phonon excitation. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2122313119.	3.3	7
3	Anisotropic Three-Dimensional Quantum Hall Effect and Magnetotransport in Mesoscopic Weyl Semimetals. Nano Letters, 2022, 22, 3033-3039.	4.5	4
4	Riemannian geometry of resonant optical responses. Nature Physics, 2022, 18, 290-295.	6.5	58
5	Giant anomalous Hall effect from spin-chirality scattering in a chiral magnet. Nature Communications, 2021, 12, 317.	5.8	40
6	Theory of bulk photovoltaic effect in Anderson insulator. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	8
7	Theory of the nonreciprocal Josephson effect. Physical Review B, 2021, 103, .	1.1	34
8	Large anomalous Hall effect and spin Hall effect by spin-cluster scattering in the strong-coupling limit. Physical Review B, 2021, 103, .	1.1	12
9	Enhanced electrical magnetochiral effect by spin-hedgehog lattice structural transition. Physical Review B, 2021, 103, .	1.1	2
10	Emergent electromagnetic induction beyond room temperature. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	30
11	Superconductivity-induced spectral weight transfer due to quantum geometry. Physical Review B, 2021, 104, .	1.1	9
12	Ultrafast excitation and topological soliton formation in incommensurate charge density wave states. Physical Review B, 2021, 104, .	1.1	2
13	Right and Left in Quantum Dynamics of Solids. , 2021, , 103-124.		0
14	Dynamic transition of current-driven single-skyrmion motion in a room-temperature chiral-lattice magnet. Nature Communications, 2021, 12, 6797.	5.8	26
15	Electromagnetic response in spiral magnets and emergent inductance. Communications Physics, 2021, 4, .	2.0	20
16	Above-ordering-temperature large anomalous Hall effect in a triangular-lattice magnetic semiconductor. Science Advances, 2021, 7, eabl5381.	4.7	6
17	Suppression of superfluidity by dissipation: An application to failed superconductors. Physical Review B, 2020, 102, .	1.1	0
18	Emergent electromagnetic induction in a helical-spin magnet. Nature, 2020, 586, 232-236.	13.7	60

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19	Large non-reciprocal charge transport mediated by quantum anomalous Hall edge states. <i>Nature Nanotechnology</i> , 2020, 15, 831-835.	15.6	20
20	Combing the helical phase of chiral magnets with electric currents. <i>Physical Review B</i> , 2020, 102, .	1.1	14
21	Photocurrent of exciton polaritons. <i>Physical Review B</i> , 2020, 102, .	1.1	3
22	Nonreciprocal superconducting NbSe <sub>2</sub> antenna. <i>Nature Communications</i> , 2020, 11, 5634.	5.8	43
23	Anomalous electrical magnetochiral effect by chiral spin-cluster scattering. <i>Nature Communications</i> , 2020, 11, 2986.	5.8	27
24	Transport, magnetic and optical properties of Weyl materials. <i>Nature Reviews Materials</i> , 2020, 5, 621-636.	23.3	96
25	Motion tracking of 80-nm-size skyrmions upon directional current injections. <i>Science Advances</i> , 2020, 6, eaaz9744.	4.7	37
26	Thermal Hall Effect, Spin Nernst Effect, and Spin Density Induced by a Thermal Gradient in Collinear Ferrimagnets from Magnon-Phonon Interaction. <i>Nano Letters</i> , 2020, 20, 2741-2746.	4.5	42
27	Nonreciprocal Landau-Zener tunneling. <i>Communications Physics</i> , 2020, 3, .	2.0	25
28	Current response of nonequilibrium steady states in the Landau-Zener problem: Nonequilibrium Green's function approach. <i>Physical Review B</i> , 2020, 102, .	1.1	4
29	Tilting dependence and anisotropy of anomaly-related magnetoconductance in type-II Weyl semimetals. <i>Scientific Reports</i> , 2019, 9, 16149.	1.6	2
30	Critical Spin Fluctuation Mechanism for the Spin Hall Effect. <i>Physical Review Letters</i> , 2019, 123, 196603.	2.9	10
31	Real-Space Observation of a Transformation from Antiskyrmion to Skyrmion by Lorentz TEM. <i>Microscopy and Microanalysis</i> , 2019, 25, 1840-1841.	0.2	6
32	Nonreciprocal charge transport at topological insulator/superconductor interface. <i>Nature Communications</i> , 2019, 10, 2734.	5.8	72
33	Scaling theory of a quantum ratchet. <i>Physical Review B</i> , 2019, 99, .	1.1	6
34	Robustness of anomaly-related magnetoresistance in doped Weyl semimetals. <i>Physical Review B</i> , 2019, 99, .	1.1	14
35	Phonon Magnetochiral Effect. <i>Physical Review Letters</i> , 2019, 122, 145901.	2.9	61
36	Nonreciprocal transport of a super-Ohmic quantum ratchet. <i>Physical Review B</i> , 2019, 100, .	1.1	3

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37	Berry Phase of Phonons and Thermal Hall Effect in Nonmagnetic Insulators. Physical Review Letters, 2019, 123, 255901.	2.9	31
38	Platform of chiral Majorana edge modes and its quantum transport phenomena. Communications Physics, 2019, 2, .	2.0	18
39	Shift current from electromagnon excitations in multiferroics. Physical Review B, 2019, 100, .	1.1	11
40	Emergent inductor by spiral magnets. Japanese Journal of Applied Physics, 2019, 58, 120909.	0.8	44
41	Quantum Dots Formed in Three-dimensional Dirac Semimetal Cd <sub>3</sub> As <sub>2</sub> Nanowires. Nano Letters, 2018, 18, 1863-1868.	4.5	16
42	Diffusive real-time dynamics of a particle with Berry curvature. Physical Review B, 2018, 97, .	1.1	6
43	Theory of the magnetic skyrmion glass. Physical Review B, 2018, 97, .	1.1	29
44	Spin chirality induced skew scattering and anomalous Hall effect in chiral magnets. Science Advances, 2018, 4, eaap9962.	4.7	77
45	Current-Voltage Characteristic and Shot Noise of Shift Current Photovoltaics. Physical Review Letters, 2018, 121, 267401.	2.9	32
46	Capture and chaotic scattering of a charged particle by a magnetic monopole under a uniform electric field. Physical Review E, 2018, 98, .	0.8	2
47	Spontaneous Symmetry Breaking of Domain Walls in Phase-Competing Regions. Journal of the Physical Society of Japan, 2018, 87, 053601.	0.7	1
48	Rapid change of superconductivity and electron-phonon coupling through critical doping in Bi-2212. Science, 2018, 362, 62-65.	6.0	98
49	Nonreciprocal responses from non-centrosymmetric quantum materials. Nature Communications, 2018, 9, 3740.	5.8	339
50	Anomalous Hall effect and spin fluctuations in ionic liquid gated SrCoO <sub>3</sub> thin films. Physical Review B, 2018, 97, .	1.1	18
51	Photogalvanic effect in Weyl semimetals from first principles. Physical Review B, 2018, 97, .	1.1	77
52	Spin Transport and Accumulation in a 2D Weyl Fermion System. Physical Review Letters, 2018, 121, 066603.	2.9	7
53	Spontaneous Hall effect in the Weyl semimetal candidate of all-in all-out pyrochlore iridate. Nature Communications, 2018, 9, 3032.	5.8	59
54	Nonreciprocal Current in Noncentrosymmetric Rashba Superconductors. Physical Review Letters, 2018, 121, 026601.	2.9	73

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55	Anomalous Hall effect derived from multiple Weyl nodes in high-mobility EuTiO <sub>3</sub> films. Science Advances, 2018, 4, eaar7880.	4.7	83
56	Theory of current-driven skyrmions in disordered magnets. Scientific Reports, 2018, 8, 6328.	1.6	33
57	Current-induced dynamics of skyrmion strings. Science Advances, 2018, 4, eaat1115.	4.7	49
58	Bulk rectification effect in a polar semiconductor. Nature Physics, 2017, 13, 578-583.	6.5	151
59	Nonreciprocal charge transport in noncentrosymmetric superconductors. Science Advances, 2017, 3, e1602390.	4.7	180
60	Concept of Quantum Geometry in Optoelectronic Processes in Solids: Application to Solar Cells. Advanced Materials, 2017, 29, 1603345.	11.1	50
61	Noncommutative quantum mechanics and skew scattering in ferromagnetic metals. Physical Review B, 2017, 96, .	1.1	15
62	Momentum-space electromagnetic induction in Weyl semimetals. Physical Review B, 2017, 95, .	1.1	6
63	Magnetic-field induced multiple topological phases in pyrochlore iridates with Mott criticality. Nature Communications, 2017, 8, 15515.	5.8	55
64	Nonlinear spin current generation in noncentrosymmetric spin-orbit coupled systems. Physical Review B, 2017, 95, .	1.1	56
65	Tomonaga-Luttinger liquid and localization in Weyl semimetals. Physical Review B, 2017, 95, .	1.1	13
66	Quantum Hall states observed in thin films of Dirac semimetal Cd <sub>3</sub> As <sub>2</sub> . Nature Communications, 2017, 8, 2274.	5.8	130
67	Weyl Fermions in Metallic Ferromagnet SrRuO <sub>3</sub> . Hamon, 2017, 27, 67-70.	0.0	0
68	Interface-driven topological Hall effect in SrRuO <sub>3</sub> -SrIrO <sub>3</sub> bilayer. Science Advances, 2016, 2, e1600304.	4.7	360
69	Theory of photoinduced Floquet Weyl semimetal phases. Physical Review B, 2016, 94, .	1.1	63
70	Weyl fermions and spin dynamics of metallic ferromagnet SrRuO <sub>3</sub> . Nature Communications, 2016, 7, 11788.	5.8	79
71	Chiral Anomaly and Giant Magnetochiral Anisotropy in Noncentrosymmetric Weyl Semimetals. Physical Review Letters, 2016, 117, 146603.	2.9	55
72	Electric transport in three-dimensional skyrmion/monopole crystal. Physical Review B, 2016, 94, .	1.1	30

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73	Skyrmionic magnetization configurations at chiral magnet/ferromagnet heterostructures. Physical Review B, 2016, 93, .	1.1	9
74	Scaling laws for nonlinear electromagnetic responses of Dirac fermion. Physical Review B, 2016, 93, .	1.1	10
75	Emergent Non-Fermi-Liquid at the Quantum Critical Point of a Topological Phase Transition in Two Dimensions. Physical Review Letters, 2016, 116, 076803.	2.9	61
76	Coulomb Interaction Effect in Weyl Fermions with Tilted Energy Dispersion in Two Dimensions. Physical Review Letters, 2016, 116, 116803.	2.9	50
77	Emergent Electromagnetic Induction and Adiabatic Charge Pumping in Noncentrosymmetric Weyl Semimetals. Physical Review Letters, 2016, 117, 216601.	2.9	60
78	Berry Curvature in Magnon-Phonon Hybrid Systems. Physical Review Letters, 2016, 117, 217205.	2.9	47
79	Topological nature of nonlinear optical effects in solids. Science Advances, 2016, 2, e1501524.	4.7	344
80	Critical phenomena of emergent magnetic monopoles in a chiral magnet. Nature Communications, 2016, 7, 11622.	5.8	97
81	Geometric Hall effects in topological insulator-heterostructures. Nature Physics, 2016, 12, 555-559.	6.5	146
82	Berry curvature and orbital angular momentum of electrons in angle-resolved photoemission spectroscopy. Physical Review B, 2015, 91, .	1.1	6
83	Quantized topological Hall effect in skyrmion crystal. Physical Review B, 2015, 92, .	1.1	126
84	Magnetic Field-Induced Insulator-Semimetal Transition in a Pyrochlore $\text{Nd}_2\text{O}_7$ . Physical Review Letters, 2015, 115, 056402.	1.1	10
85	Domain wall of a ferromagnet on a three-dimensional topological insulator. Scientific Reports, 2015, 5, 13638.	1.6	42
86	Quantum Hall states stabilized in semi-magnetic bilayers of topological insulators. Nature Communications, 2015, 6, 8530.	5.8	53
87	Large anisotropic deformation of skyrmions in strained crystal. Nature Nanotechnology, 2015, 10, 589-592.	15.6	188
88	Photodrive of magnetic bubbles via magnetoelastic waves. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8977-8981.	3.3	87
89	Quantum Hall effect on top and bottom surface states of topological insulator $(\text{Bi}_{1-x}\text{Sb}_x)_2\text{Te}_3$ films. Nature Communications, 2015, 6, 6627.	5.8	154
90	Topological magnetoelectric effects in thin films of topological insulators. Physical Review B, 2015, 92, .	1.1	127

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91	Transport signatures of superconducting hybrids with mixed singlet and chiral triplet states. Physical Review B, 2014, 90, .	1.1	26
92	Diagrammatic Monte-Carlo Method for Many-Polaron Problems. Physical Review Letters, 2014, 113, 166402.	2.9	47
93	Pressure variation of Rashba spin splitting toward topological transition in the polar semiconductor BiTeI. Physical Review B, 2014, 90, .	1.1	31
94	Generalized Hund's rule for two-atom systems. Physical Review B, 2014, 90, .	1.1	8
95	Inertia, diffusion, and dynamics of a driven skyrmion. Physical Review B, 2014, 90, .	1.1	138
96	Theory of magnon-skyrmion scattering in chiral magnets. Physical Review B, 2014, 89, .	1.1	141
97	Majorana fermions and multiple topological phase transition in Kitaev ladder topological superconductors. Physical Review B, 2014, 89, .	1.1	54
98	Thermally driven ratchet motion of a skyrmion microcrystal and topological magnon Hall effect. Nature Materials, 2014, 13, 241-246.	13.3	268
99	Witnessing the formation and relaxation of dressed quasi-particles in a strongly correlated electron system. Nature Communications, 2014, 5, 5112.	5.8	58
100	Creation of skyrmions and antiskyrmions by local heating. Nature Communications, 2014, 5, 5148.	5.8	151
101	Classification of stable three-dimensional Dirac semimetals with nontrivial topology. Nature Communications, 2014, 5, 4898.	5.8	690
102	Anomalous Nernst and Hall effects in magnetized platinum and palladium. Physical Review B, 2014, 89, .	1.1	50
103	Fermion fractionalization to Majorana fermions in a dimerized Kitaev superconductor. Physical Review B, 2014, 90, .	1.1	103
104	Gauge Field and the Confinement-Deconfinement Transition in Hydrogen-Bonded Ferroelectrics. Physical Review Letters, 2014, 112, 247602.	2.9	7
105	Multiferroics of spin origin. Reports on Progress in Physics, 2014, 77, 076501.	8.1	694
106	Correlation effects in (111) bilayers of perovskite transition-metal oxides. Physical Review B, 2014, 89, .	1.1	63
107	Colossal Spin Transfer Torque Effect on Skyrmion along the Edge. Nano Letters, 2014, 14, 4432-4437.	4.5	106
108	Emergent Topological Phenomena in Thin Films of Pyrochlore Iridates. Physical Review Letters, 2014, 112, 246402.	2.9	79

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109	Spin Textures and Gauge Fields in Frustrated Magnets. , 2014, , 102-109.		0
110	Zeeman-type spin splitting controlled by an electric field. Nature Physics, 2013, 9, 563-569.	6.5	462
111	Topological properties and dynamics of magnetic skyrmions. Nature Nanotechnology, 2013, 8, 899-911.	15.6	2,887
112	Current-induced skyrmion dynamics in constricted geometries. Nature Nanotechnology, 2013, 8, 742-747.	15.6	686
113	Interference of topologically protected edge states in silicene nanoribbons. Physical Review B, 2013, 88, .	1.1	78
114	Majorana Bound States and Nonlocal Spin Correlations in a Quantum Wire on an Unconventional Superconductor. Physical Review Letters, 2013, 110, 117002.	2.9	110
115	Universal current-velocity relation of skyrmion motion in chiral magnets. Nature Communications, 2013, 4, 1463.	5.8	557
116	Charge transport in $p$ and $n$ junctions of silicene. Physical Review B, 2013, 88, .	1.1	85
117	Renormalization group study of electromagnetic interaction in multi-Dirac-node systems. Physical Review B, 2013, 87, .	1.1	26
118	Anomalous Hall Effect in Ferromagnetic Metals: Role of Phonons at Finite Temperature. Journal of the Physical Society of Japan, 2012, 81, 083704.	0.7	40
119	Topological indices, defects, and Majorana fermions in chiral superconductors. Physical Review B, 2012, 86, .	1.1	55
120	Symmetry and Topology in Superconductors –“Odd-Frequency Pairing and Edge States”. Journal of the Physical Society of Japan, 2012, 81, 011013.	0.7	453
121	Gauge fields in real and momentum spaces in magnets: monopoles and skyrmions. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2012, 370, 5806-5819.	1.6	69
122	Theory of a quantum critical phenomenon in a topological insulator: (3+1)-dimensional quantum electrodynamics in solids. Physical Review B, 2012, 86, .	1.1	53
123	Emergent electromagnetism in solids. Physica Scripta, 2012, T146, 014020.	1.2	108
124	Three-dimensional bulk band dispersion in polar BiTeI with giant Rashba-type spin splitting. Physical Review B, 2012, 86, .	1.1	43
125	Effect of lattice geometry on magnon Hall effect in ferromagnetic insulators. Physical Review B, 2012, 85, .	1.1	148
126	Giant spin Hall effect of Au films with Pt impurities: Surface-assisted skew scattering. Journal of Applied Physics, 2011, 109, 07C502.	1.1	5



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127	Theory of spin-phonon coupling in multiferroic manganese perovskites $\text{MnO}$ . Physical Review B, 2011, 84, .	1.1	105
128	Terahertz Faraday rotation induced by an anomalous Hall effect in the itinerant ferromagnet $\text{SrRuO}_3$ . Europhysics Letters, 2011, 95, 17002.	0.7	42
129	Surface-Quantized Anomalous Hall Current and the Magnetoelectric Effect in Magnetically Disordered Topological Insulators. Physical Review Letters, 2011, 106, 166802.	2.9	315
130	Anomalous Hall effect. Reviews of Modern Physics, 2010, 82, 1539-1592.	16.4	3,276
131	Theoretical study of the dynamics of magnetization on the topological surface. Physical Review B, 2010, 81, .	1.1	147
132	Real-space observation of a two-dimensional skyrmion crystal. Nature, 2010, 465, 901-904.	13.7	2,626
133	Manipulation of two spin qubits in a double quantum dot using an electric field. Physical Review B, 2010, 82, .	1.1	7
134	Quantum impurity spin in Majorana edge fermions. Physical Review B, 2010, 82, .	1.1	46
135	Skyrmion lattice in a two-dimensional chiral magnet. Physical Review B, 2010, 82, .	1.1	162
136	Monopole current and unconventional Hall response on a topological insulator. Physical Review B, 2010, 81, .	1.1	32
137	Systematic study of electron-phonon coupling to oxygen modes across the cuprates. Physical Review B, 2010, 82, .	1.1	119
138	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
139	Interplay between superconductivity and ferromagnetism on a topological insulator. Physical Review B, 2010, 81, .	1.1	123
140	Anomalous magnetoresistance of a two-dimensional ferromagnet/ferromagnet junction on the surface of a topological insulator. Physical Review B, 2010, 81, .	1.1	184
141	Electric charging of magnetic textures on the surface of a topological insulator. Physical Review B, 2010, 82, .	1.1	121
142	Theory of topological spin current in noncentrosymmetric superconductors. Physical Review B, 2009, 79, .	1.1	200
143	Skyrmions and anomalous Hall effect in a Dzyaloshinskii-Moriya spiral magnet. Physical Review B, 2009, 80, .	1.1	278
144	RECENT ADVANCES IN ANOMALOUS HALL EFFECT AND SPIN HALL EFFECT. , 2009, , .		0

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145	Left-Handed Spin Wave Excitation in Ferromagnet. Journal of the Physical Society of Japan, 2008, 77, 013702.	0.7	12
146	Spin Currents in Semiconductors, Metals, and Insulators. Journal of the Physical Society of Japan, 2008, 77, 031010.	0.7	40
147	Quantum transport theory of anomalous electric, thermoelectric, and thermal Hall effects in ferromagnets. Physical Review B, 2008, 77, .	1.1	306
148	Electrically driven spin excitation in the ferroelectric magnet $\text{DyMnO}_3$ . Physical Review B, 2008, 78, .	1.1	99
149	Spin Hall effect of excitons. Physical Review B, 2008, 78, .	1.1	16
150	Thermoelectric Power in Transition-Metal Monosilicides. Journal of the Physical Society of Japan, 2007, 76, 093601.	0.7	51
151	Gauge Covariant Formulation of the Wigner Representation through Deformation Quantization: Application to Keldysh Formalism with an Electromagnetic Field. Progress of Theoretical Physics, 2007, 117, 415-429.	2.0	11
152	Tuning phase transition between quantum spin Hall and ordinary insulating phases. Physical Review B, 2007, 76, .	1.1	133
153	Polaron coherence condensation as the mechanism for colossal magnetoresistance in layered manganites. Physical Review B, 2007, 76, .	1.1	63
154	Microscopic theory of spin-polarization coupling in multiferroic transition metal oxides. Physical Review B, 2007, 76, .	1.1	279
155	A New State of Quantum Matter. Science, 2007, 318, 758-759.	6.0	38
156	Theory of Non-Equilibrium States Driven by Constant Electromagnetic Fields. Progress of Theoretical Physics, 2006, 116, 61-86.	2.0	37
157	Antiferromagnetism and singlet formation in underdoped high-Tc cuprates: Implications for superconducting pairing. Physical Review B, 2006, 73, .	1.1	0
158	Voltage dependence of Landau-Lifshitz-Gilbert damping of spin in a current-driven tunnel junction. Physical Review B, 2006, 73, .	1.1	17
159	Calculation of overdamped c-axis charge dynamics and the coupling to polar phonons in cuprate superconductors. Physical Review B, 2006, 74, .	1.1	27
160	Bond electronic polarization induced by spin. Physical Review B, 2006, 74, .	1.1	164
161	Generalized equation of motion for orbital dynamics in the presence of current. Physical Review B, 2006, 73, .	1.1	1
162	Spin Hall effect of a conserved current: Conditions for a nonzero spin Hall current. Physical Review B, 2006, 73, .	1.1	68

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163	QUANTUM GEOMETRY AND HALL EFFECT IN FERROMAGNETS AND SEMICONDUCTORS. , 2006, , .		0
164	A review of electron-phonon coupling seen in the high-Tc superconductors by angle-resolved photoemission studies (ARPES). Physica Status Solidi (B): Basic Research, 2005, 242, 11-29.	0.7	142
165	Magneto-optical effect induced by spin chirality of the itinerant ferromagnet Nd <sub>2</sub> Mo <sub>2</sub> O <sub>7</sub> . Physical Review B, 2005, 72, .	1.1	13
166	Gigantic enhancement of magneto-chiral effect in photonic crystals. Applied Physics Letters, 2005, 87, 042503.	1.5	19
167	Geometrical Aspects of Gigantic Magneto-Electric Effect and Quantum Pump. Journal of the Physical Society of Japan, 2005, 74, 2361-2373.	0.7	2
168	Stability of U(1) spin liquids in two dimensions. Physical Review B, 2004, 70, .	1.1	246
169	Scaling of the Anomalous Hall Effect in Sr <sub>1-x</sub> Ca <sub>x</sub> RuO <sub>3</sub> . Physical Review Letters, 2004, 93, .	2.9	126
170	Anomalous Hall Effect and Skyrmion Number in Real and Momentum Spaces. Journal of the Physical Society of Japan, 2004, 73, 2624-2627.	0.7	108
171	Theory for Slightly Doped Antiferromagnetic Mott Insulators. Journal of Low Temperature Physics, 2003, 131, 169-179.	0.6	0
172	The Anomalous Hall Effect and Magnetic Monopoles in Momentum Space. Science, 2003, 302, 92-95.	6.0	853
173	Dissipationless Quantum Spin Current at Room Temperature. Science, 2003, 301, 1348-1351.	6.0	1,754
174	Theory of excitonic states in CaB <sub>6</sub> . Physical Review B, 2002, 66, .	1.1	9
175	Role of the electron-phonon interaction in the strongly correlated cuprate superconductors. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 2002, 82, 1349-1368.	0.6	68
176	Topological Nature of Anomalous Hall Effect in Ferromagnets. Journal of the Physical Society of Japan, 2002, 71, 19-22.	0.7	329
177	Spin Chirality, Berry Phase, and Anomalous Hall Effect in a Frustrated Ferromagnet. Science, 2001, 291, 2573-2576.	6.0	745
178	Orbital Ferromagnetism and Anomalous Hall Effect in Antiferromagnets on the Distorted fcc Lattice. Physical Review Letters, 2001, 87, 116801.	2.9	234
179	Quasi-degenerate self-trapping and its application to anthracene-PMDA: phenomenon, optical absorption and luminescence time-resolved spectroscopy. , 2001, , .		0
180	Spin Liquid State around a Doped Hole in Insulating Cuprates. Journal of the Physical Society of Japan, 2000, 69, 9-12.	0.7	31

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181	Multicritical Phenomena of Superconductivity and Antiferromagnetism in Organic Conductor <sup>1e</sup> -(BEDT-TTF) <sub>2</sub> X. Journal of the Physical Society of Japan, 2000, 69, 2395-2398.	0.7	39
182	Orbital Physics in Transition-Metal Oxides. Science, 2000, 288, 462-468.	6.0	2,151
183	Lattice Instability in the Spin Ladder System under Magnetic Field. Journal of the Physical Society of Japan, 1998, 67, 1876-1878.	0.7	12
184	Threshold Features in Transport through a 1D Constriction. Physical Review Letters, 1997, 79, 1714-1717.	2.9	12
185	Optical Spectra in the Ferromagnetic States near the Charge Ordering. Journal of the Physical Society of Japan, 1997, 66, 3678-3682.	0.7	5
186	Superconductivity and Antiferromagnetism in High-T <sub>c</sub> Cuprates. Science, 1997, 275, 1078-1079.	6.0	35
187	Chiral Anomaly and Spin Gap in One-Dimensional Interacting Fermions. Journal of the Physical Society of Japan, 1996, 65, 2241-2248.	0.7	34
188	Nonmagnetic Impurities in Spin Gap Systems. Journal of the Physical Society of Japan, 1996, 65, 3724-3727.	0.7	55
189	Conductance through a Magnetic Domain Wall in Double Exchange System. Journal of the Physical Society of Japan, 1996, 65, 3088-3089.	0.7	24
190	Tunneling through Barrier in Coulomb Gas Confined in Quantum Wire. Journal of the Physical Society of Japan, 1994, 63, 413-415.	0.7	19
191	Nonlinear Conduction in Quasi-1D Organic Systems. Molecular Crystals and Liquid Crystals, 1992, 218, 263-268.	0.3	0
192	GL-THEORY OF HIGH-T <sub>c</sub> SUPERCONDUCTORS AND THE VORTEX STRUCTURE. Journal of Advanced Science, 1992, 4, 95-98,f2.	0.1	0
193	Spin Wave Theory of the Two-Dimensional Heisenberg Antiferromagnet Coupled with Localized Holes. Journal of the Physical Society of Japan, 1989, 58, 978-997.	0.7	54
194	Pairing of Fermions Coupled with Spin-1/2 Heisenberg System â€œExact Diagonalization Study for Mechanism of High-T <sub>c</sub> Superconductivityâ€œ. Journal of the Physical Society of Japan, 1989, 58, 1347-1371.	0.7	32
195	NUMERICAL ANALYSIS OF COUPLED SPIN-FERMION MODEL â€œ PAIRING MECHANISM THROUGH EXTENDED KONDO SINGLET. International Journal of Modern Physics B, 1988, 02, 959-973.	1.0	12
196	Magnetic Mechanism of Superconductivity in Coupled Spin-Fermion Systems. Journal of the Physical Society of Japan, 1988, 57, 2901-2904.	0.7	37
197	Photo-Induced Structure Changes. Journal of the Physical Society of Japan, 1987, 56, 2080-2088.	0.7	33
198	Superconductivity vs.Charge Density Wave in One-Dimensional Bipolaron System with Random Potentials â€œS=1/2 XXZ-Chain with Random Fieldsâ€œ. Journal of the Physical Society of Japan, 1987, 56, 2460-2470.	0.7	10

#	ARTICLE	IF	CITATIONS
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