

# Manfred Sigrist

## List of Publications by Year in descending order

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316  
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18887

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320  
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320  
docs citations

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times ranked

9312  
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing three-state Potts nematic fluctuations by ultrasound attenuation. Physical Review B, 2022, 105, .	1.1	3
2	Nonunitary multiorbital superconductivity from competing interactions in Dirac materials. Physical Review Research, 2022, 4, .	1.3	5
3	Platform for controllable Majorana zero modes using superconductor/ferromagnet heterostructures. European Physical Journal B, 2022, 95, .	0.6	1
4	Role of topology and symmetry for the edge currents of a two-dimensional superconductor. Physical Review Research, 2022, 4, .	1.3	1
5	Impurity-induced magnetic ordering in Sr <sub>2</sub> RuO <sub>4</sub> . Physical Review Research, 2021, 3, .	1.3	2
6	Unsplit superconducting and time reversal symmetry breaking transitions in Sr <sub>2</sub> RuO <sub>4</sub> under hydrostatic pressure and disorder. Nature Communications, 2021, 12, 3920.	5.8	47
7	Unusual $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \text{H} \langle \text{mml:mi} \rangle \langle \text{mml:mtext} \rangle \hat{a} \langle \text{mml:mtext} \rangle \langle \text{mml:mi} \rangle \text{T} \langle \text{mml:mi} \rangle \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$ phase diagram of $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Ce} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Rh} \langle \text{mml:mi} \rangle \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$ : The role of staggered noncentrosymmetry. Physical Review Research, 2021, 3, .	1.3	25
8	Magnetoelectric torque and edge currents in spin-orbit coupled graphene nanoribbons. Physical Review Research, 2021, 3, .	1.3	9
9	Spin response and topology of a staggered-Rashba superconductor. Physical Review Research, 2021, 3, .	1.3	19
10	Magnetoelectric torque and edge currents caused by spin-orbit coupling. Physical Review B, 2021, 104, .	1.1	4
11	Chiral superconductivity in heavy-fermion metal UTe <sub>2</sub> . Nature, 2020, 579, 523-527.	13.7	193
12	Half-quantum vortices on c-axis domain walls in chiral p-wave superconductors. New Journal of Physics, 2020, 22, 093038.	1.2	5
13	Braiding Majorana corner modes in a second-order topological superconductor. Physical Review Research, 2020, 2, .	1.3	46
14	Features of Chirality Generated by Paramagnetic Coupling to Magnetic Fields in the $3\hat{a} \dots$ K-Phase of Sr <sub>2</sub> RuO <sub>4</sub> . , 2020, , .		1
15	Superconducting gap anisotropy and topological singularities due to lattice translational symmetry and their thermodynamic signatures. Physical Review B, 2019, 100, .	1.1	4
16	Superconducting order parameter of $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Sr} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{K} \langle \text{mml:mi} \rangle \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$ : A microscopic perspective. Physical Review B, 2019, 100, .		1
17	Deviation from Fermi-liquid transport behavior in the vicinity of a Van Hove singularity. Physical Review B, 2019, 99.	1.1	14
18	Properties of the $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \text{H} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{a} \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \text{T} \langle \text{mml:mi} \rangle \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$ phase diagram of the $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{K} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{K} \langle \text{mml:mi} \rangle \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$ phase in eutectic $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Sr} \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$		

#	ARTICLE	IF	CITATIONS
19	Theory of in-plane current induced spin torque in metal/ferromagnet bilayers. Journal of Physics Condensed Matter, 2018, 30, 205803.	0.7	4
20	Orbitally limited pair-density-wave phase of multilayer superconductors. Physical Review B, 2018, 97, .	1.1	12
21	Identifying the dominant pairing interaction in high- T <sub>c</sub> FeSe superconductors through Leggett modes. Physical Review B, 2018, 97, .	1.1	4
22	Spontaneous surface flux pattern in chiral p -wave superconductors. Physical Review B, 2018, 97, .	1.1	15
23	Topological aspect and the pairing symmetries on spin-triplet chiral p-wave superconductor under strain. Physica B: Condensed Matter, 2018, 536, 72-74.	1.3	1
24	Spontaneous Thermal Hall Effect in Three-dimensional Chiral Superconductors with Gap Nodes. Journal of the Physical Society of Japan, 2018, 87, 124602.	0.7	6
25	Superconductivity without Inversion and Time-Reversal Symmetries. Physical Review Letters, 2018, 121, 157003.	2.9	23
26	Spin and Valley States in Gate-Defined Bilayer Graphene Quantum Dots. Physical Review X, 2018, 8, .	2.8	83
27	Tailoring $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{T} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle$ by symmetry principles: The concept of superconducting fitness. Physical Review B, 2018, 98, .	5.4	10
28	Topological features of the thermal Hall conductivity in a chiral p-wave superconductor under strain. AIP Advances, 2018, 8, 101324.	0.6	0
29	Thermal Hall conductivity in the spin-triplet superconductor with broken time-reversal symmetry. Physical Review B, 2017, 95, .	1.1	2
30	Thermal Hall conductivity of spin-triplet superconductor with time reversal symmetry breaking. Journal of Physics: Conference Series, 2017, 807, 102006.	0.3	0
31	Effect of quantum tunneling on spin Hall magnetoresistance. Journal of Physics Condensed Matter, 2017, 29, 075802.	0.7	1
32	Surface magnetism in a chiral d -wave superconductor with hexagonal symmetry. Physical Review B, 2017, 96, .	1.1	10
33	Robust doubly charged nodal lines and nodal surfaces in centrosymmetric systems. Physical Review B, 2017, 96, .	1.1	156
34	A note on the upper critical field of Sr <sub>2</sub> RuO <sub>4</sub> under strain. Journal of Physics: Conference Series, 2017, 807, 052011.	0.3	10
35	Correlation length, universality classes, and scaling laws associated with topological phase transitions. Physical Review B, 2017, 95, .	1.1	53
36	Interband interference effects at the edge of a multiband chiral p-wave superconductor. Physical Review B, 2017, 96, .	1.1	5

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37	Weyl-type topological phase transitions in fractional quantum Hall like systems. Physical Review B, 2017, 96, .	1.1	24
38	Scaling theory of $\mathbb{Z}_2$ topological invariants. Journal of Physics Condensed Matter, 2016, 28, 365501.	0.7	31
39	Identifying detrimental effects for multiorbital superconductivity: Application to $\text{Sr}_2\text{RuO}_4$ . Physical Review B, 2016, 94, .		
40	Nodal-chain metals. Nature, 2016, 538, 75-78.	13.7	451
41	Spin Hall effect induced spin transfer through an insulator. Physical Review B, 2016, 94, .	1.1	11
42	Leggett modes and multiband superconductivity in $\text{Sr}_2\text{RuO}_4$ . Physical Review B, 2016, 94, .		
43	Thermal Hall conductivity and topological transition in a chiral $p$ -wave superconductor for $\text{Sr}_2\text{RuO}_4$ . Physical Review B, 2016, 93, .	1.1	13
44	Superconductivity and other collective phenomena in a hybrid Bose-Fermi mixture formed by a polariton condensate and an electron system in two dimensions. Physical Review B, 2016, 93, .	1.1	95
45	Cooperon condensation and intravalley pairing states in honeycomb Dirac systems. Physical Review B, 2016, 94, .	1.1	12
46	Thermal Hall Conductivity in a Multiband Chiral $p$ -Wave Superconductor. Journal of the Physical Society of Japan, 2016, 85, 115002.	0.7	0
47	Spontaneous currents in a superconductor with $\text{PbRuSr}_2\text{O}_{10}$ . Physical Review B, 2015, 91, .	1.1	18
48	Weyl semimetal from spontaneous inversion symmetry breaking in pyrochlore oxides. Physical Review B, 2015, 91, .	1.1	32
49	Evolution of the filamentary 3-Kelvin phase in $\text{PbRuSr}_2\text{O}_{10}$ . Physical Review B, 2015, 91, .	1.1	5
50	Minimal Model of Spin-Transfer Torque and Spin Pumping Caused by the Spin Hall Effect. Physical Review Letters, 2015, 115, 217203.	2.9	21
51	Resonant scattering induced thermopower in one-dimensional disordered systems. Physical Review B, 2015, 91, .	1.1	0
52	Topological Crystalline Superconductivity in Locally Noncentrosymmetric Multilayer Superconductors. Physical Review Letters, 2015, 115, 027001.	2.9	43
53	Surface-State Spin Textures and Mirror Chern Numbers in Topological Kondo Insulators. Physical Review Letters, 2015, 115, 156405.	2.9	36
54	Effect of Lishitz Transition on Thermal Transport Properties in $\text{Sr}_2\text{RuO}_4$ . Physics Procedia, 2015, 75, 150-157.	1.2	1

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55	Topological aspect and transport property in multi-band spin-triplet chiral $p$ -wave superconductor $\text{Sr}_2\text{RuO}_4$ . Journal of Physics: Conference Series, 2015, 592, 012132.	0.3	0
56	Evidence for Time-Reversal Symmetry Breaking of the Superconducting State near Twin-Boundary Interfaces in FeSe Revealed by Scanning Tunneling Spectroscopy. Physical Review X, 2015, 5, .	2.8	61
57	Dissipationless Multiferroic Magnonics. Physical Review Letters, 2015, 114, 157203.	2.9	45
58	Current inversion at the edges of a chiral $p$ -wave superconductor. Physical Review B, 2014, 90, .	1.1	58
59	Effect of the $\text{RuO}_6$ Octahedron Rotation at the $\text{Sr}_2\text{RuO}_4$ Surface on Topological Property. Journal of the Physical Society of Japan, 2014, 83, 124712.	0.7	7
60	Limiting mechanism for critical current in topologically frustrated Josephson junctions. Physical Review B, 2014, 90, .	1.1	9
61	Signatures of the helical phase in the critical fields at twin boundaries of noncentrosymmetric superconductors. Physical Review B, 2014, 89, .	1.1	11
62	Electrical permittivity driven metal-insulator transition in heterostructures of nonpolar Mott and band insulators. Physical Review B, 2014, 90, .	1.1	3
63	Quantum transport signatures of chiral edge states in $\text{Sr}_2\text{RuO}_4$ . Physical Review B, 2014, 89, .	1.1	6
64	$p$ -Wave Superfluidity by Spin-Nematic Fermi Surface Deformation. Physical Review Letters, 2014, 113, 195301.	2.9	17
65	Topological invariants, surface states, and interaction-driven phase transitions in correlated Kondo insulators with cubic symmetry. Physical Review B, 2014, 89, .	1.1	49
66	Chiral $d$ -wave superconductivity in $\text{SrPtAs}$ . Physical Review B, 2014, 89, .	1.1	139
67	Spin superfluidity in coplanar multiferroics. Physical Review B, 2014, 89, .	1.1	24
68	Ginzburg-Landau Description of Twin Boundaries in Noncentrosymmetric Superconductors. Journal of the Physical Society of Japan, 2014, 83, 044712.	0.7	7
69	Parity-Mixed Superconductivity in Locally Non-centrosymmetric System. Journal of the Physical Society of Japan, 2014, 83, 013703.	0.7	32
70	Josephson effect and triplet-singlet ratio of noncentrosymmetric superconductors. Physical Review B, 2014, 89, .	1.1	15
71	Superconductors with Staggered Non-centrosymmetry. Journal of the Physical Society of Japan, 2014, 83, 061014.	0.7	46
72	Study of Interface Phenomena in a Topological-Insulator/Mott-Insulator Heterostructure. , 2014, , .		0

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73	Superfluid Properties of One-Component Fermi Gas with an Anisotropic p-Wave Interaction. Journal of Low Temperature Physics, 2013, 171, 376-381.	0.6	5
74	Spin currents and spontaneous magnetization at twin boundaries of noncentrosymmetric superconductors. Physical Review B, 2013, 87, .	1.1	18
75	Thermoelectric effect of correlated metals: Band-structure effects and the breakdown of Mott's formula. Physical Review B, 2013, 88, .	1.1	21
76	Topological and edge state properties of a three-band model for Sr <sub>2</sub> RuO <sub>4</sub> . Physical Review B, 2013, 88, .	1.1	34
77	Topological aspects and transport properties of edge states in the multi-band superconductor Sr <sub>2</sub> RuO <sub>4</sub> . Journal of the Korean Physical Society, 2013, 63, 470-474.	0.3	0
78	Proximity effects in a topological-insulator/Mott-insulator heterostructure. Physical Review B, 2013, 87, . Publisher's Note: Numerical study of charge transport of overdoped La <sub>2-x</sub> Pr <sub>x</sub> CuO <sub>4</sub>	1.1	9
79	Numerical study of charge transport of overdoped La <sub>2-x</sub> Pr <sub>x</sub> CuO <sub>4</sub>	1.1	0
80	Reply to "Comment on 'Z <sub>2</sub> -slave-spin theory for strongly correlated fermions'". Physical Review B, 2013, 87, .	1.1	20
81	Spin-Orbit Coupling in Multilayer Superconductors with Charge Imbalance. Journal of the Physical Society of Japan, 2013, 82, 043703.	1.1	1
82	Complex-Stripe Phases Induced by Staggered Rashba Spin-Orbit Coupling. Journal of the Physical Society of Japan, 2013, 82, 074714.	0.7	8
83	Locally Non-centrosymmetric Superconductivity in Multilayer Systems. Journal of the Physical Society of Japan, 2012, 81, 034702.	0.7	100
84	Possible pairing symmetries in SrPtAs with a local lack of inversion center. Physical Review B, 2012, 86, .	1.1	67
85	Pair-density wave states through spin-orbit coupling in multilayer superconductors. Physical Review B, 2012, 86, .	1.1	65
86	Electronic and magnetic properties in strongly correlated heterostructures. Physical Review B, 2012, 85, .	1.1	5
87	Ground State Properties of Strongly Correlated Heterostructures. Journal of the Physical Society of Japan, 2012, 81, S040.	0.7	0
88	Magnetism of Multi-Orbital Edge States in Sr <sub>2</sub> RuO <sub>4</sub> . Journal of Physics: Conference Series, 2012, 400, 042020.	0.3	0
89	Essential Configuration of Pb/Ru/Sr <sub>2</sub> RuO <sub>4</sub> Junctions Exhibiting Anomalous Superconducting Interference. Journal of the Physical Society of Japan, 2012, 81, 064708.	0.7	14

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91	Pseudogap Phenomena of an Ultracold Fermi Gas with aP-wave Feshbach Resonance. Journal of Physics: Conference Series, 2012, 400, 012021.	0.3	0
92	Model for Magnetic Flux Patterns Induced by the Influence of In-Plane Magnetic Fields on Spatially Inhomogeneous Superconducting Interfaces of $\text{LaAlO}_3/\text{SrTiO}_3$ Bilayers. Physical Review Letters, 2012, 109, 237007.	2.9	20
93	From the Cooper Problem to Canted Supersolids in Bose-Fermi Mixtures. Physical Review Letters, 2012, 109, 206401.	2.9	21
94	Role of strong spin-orbit coupling in the superconductivity of the hexagonal pnictide SrPtAs. Physical Review B, 2012, 85, .	1.1	64
95	Vortex Dynamics in Superconductors Without Inversion Symmetry. Lecture Notes in Physics, 2012, , 297-311.	0.3	0
96	Properties of edge states in a spin-triplet two-band superconductor. Physical Review B, 2012, 85, .	1.1	45
97	Pseudogap phenomenon in an ultracold Fermi gas with ap-wave pairing interaction. Physical Review A, 2012, 85, .	1.0	24
98	Antiferromagnetic Phases in the Fulde-Ferrell-Larkin-Ovchinnikov State of CeCoIn5. Journal of the Physical Society of Japan, 2011, 80, SA005.	0.7	4
99	Coexistence of Ferromagnetism and Superconductivity in Noncentrosymmetric Materials with Cubic Symmetry. Journal of the Physical Society of Japan, 2011, 80, 114712.	0.7	7
100	Microscopic model for the semiconductor-to-ferromagnetic-metal transition in FeSi $1-x$ Ge $x$ Alloys. Europhysics Letters, 2011, 95, 47007.	0.7	6
101	Magnetic structure of the antiferromagnetic Fulde-Ferrell-Larkin-Ovchinnikov state. Journal of Physics Condensed Matter, 2011, 23, 094219.	0.7	13
102	Superconductivity and local noncentrosymmetry in crystal lattices. Physical Review B, 2011, 84, .	1.1	69
103	Pseudogap phenomenon in an ultracold Fermi gas with a p-wave interaction. , 2011, , .		0
104	Ginzburg-Landau Analysis for the Antiferromagnetic Order in the Fulde-Ferrell-Larkin-Ovchinnikov Superconductor. Journal of the Physical Society of Japan, 2011, 80, 094702.	0.7	9
105	Vortex shadow on surface of chiral p-wave superconductors. Physica C: Superconductivity and Its Applications, 2010, 470, S888-S889.	0.6	0
106	Novel mixed-state thermal transport properties in ultra-clean URu2Si2. Physica C: Superconductivity and Its Applications, 2010, 470, S579-S580.	0.6	0
107	Phase Transition in the 3-Kelvin Phase of Eutectic Sr2RuO4-Ru. Journal of the Physical Society of Japan, 2010, 79, 104705.	0.7	19
108	Nucleation of Vortex State in Ru-Inclusion in Eutectic Ruthenium Oxide $\text{Sr}_2\text{RuO}_4$ -Ru. Journal of the Physical Society of Japan, 2010, 79, 053706.	0.7	16

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109	Electronic transport properties and perfectly conducting channel of the disordered graphene nanoribbons. , 2010, , .		0
110	Dynamical Unbinding Transition in a Periodically Driven Mott Insulator. Physical Review Letters, 2010, 104, 220402.	2.9	9
111	Effect of a staggered spin-orbit coupling on the occurrence of a nematic phase in $\text{Sr}_3\text{Ru}_2\text{O}_7$ . Physical Review B, 2010, 81, .	1.1	24
112	Functional Superconductor Interfaces from Broken Time-Reversal Symmetry. Physical Review Letters, 2010, 104, 197001.	2.9	18
113	Influence of the domain walls on the Josephson effect in $\text{Sr}_2\text{RuO}_4$ . New Journal of Physics, 2010, 12, 043031.	1.2	25
114	Probing the $d_{x^2-y^2}$ -wave Pomeranchuk instability by ultrasound. Physical Review B, 2009, 80, .	1.1	9
115	Edge effect on electronic transport properties of graphene nanoribbons and presence of perfectly conducting channel. Carbon, 2009, 47, 124-137.	5.4	89
116	Order Parameter and Vortices in the Superconducting Phase of $\text{CeCoIn}_5$ . Physical Review Letters, 2009, 102, 207004.	2.9	75
117	Electronic transport properties of graphene nanoribbons. New Journal of Physics, 2009, 11, 095016.	1.2	175
118	Dimensional crossover in $\text{Sr}_2\text{RuO}_4$ within a slave-boson mean-field theory. Europhysics Letters, 2009, 85, 27011.	0.7	0
119	Electronic transport properties of disordered graphene nanoribbons. Journal of Physics: Conference Series, 2009, 150, 022097.	0.3	0
120	Antiferromagnetic Order and $\tilde{I}$ -Triplet Pairing in the Fulde-Ferrell-Larkin-Ovchinnikov State. Journal of the Physical Society of Japan, 2009, 78, 114715.	0.7	71
121	Introduction to unconventional superconductivity in non-centrosymmetric metals. , 2009, , .		26
122	Antiferromagnetic order in the FFLO state. Journal of Physics: Conference Series, 2009, 150, 052287.	0.3	11
123	Josephson effect between conventional and Rashba superconductors. Physica C: Superconductivity and Its Applications, 2008, 468, 844-847.	0.6	11
124	Josephson effect between conventional and non-centrosymmetric superconductors. Journal of Physics and Chemistry of Solids, 2008, 69, 3225-3227.	1.9	3
125	Exotic superconducting state embedded in the hidden order of. Journal of Physics and Chemistry of Solids, 2008, 69, 3187-3190.	1.9	1
126	Interplay of metamagnetic and structural transitions in $\text{Ca}_{2-x}\text{Sr}_x\text{RuO}_4$ . European Physical Journal B, 2008, 64, 185-192.	0.6	0



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127	Breakdown of Landau Theory in Overdoped Cuprates near the Onset of Superconductivity. Physical Review Letters, 2008, 101, 256405.	2.9	22
128	Coupled Superconducting and Magnetic Order in CeCoIn <sub>5</sub> . Science, 2008, 321, 1652-1654.	6.0	299
129	Superconductivity and Magnetism in Non-centrosymmetric System: Application to CePt <sub>3</sub> Si. Journal of the Physical Society of Japan, 2008, 77, 124711.	0.7	79
130	Helical Superconductivity in Non-centrosymmetric Superconductors with Dominantly Spin Triplet Pairing. Journal of the Physical Society of Japan, 2008, 77, 342-344.	0.7	8
131	Aspects of metallic low-temperature transport in Mott-insulator/band-insulator superlattices: Optical conductivity and thermoelectricity. Physical Review B, 2008, 77, .	1.1	18
132	Chirality Sensitive Effect on Surface States in Chiralp-Wave Superconductors. Physical Review Letters, 2008, 100, 177002.	2.9	17
133	Enhanced Conductance Fluctuation due to the Zero-Conductance Fano Resonances in the Quantum Point Contact on Graphene. Journal of the Physical Society of Japan, 2008, 77, 113708.	0.7	7
134	Origin and Control of Spin Currents in a Magnetic Triplet Josephson Junction. Journal of the Physical Society of Japan, 2008, 77, 103714.	0.7	29
135	Anomalous Thermal Conductivity of Semi-Metallic Superconductors with Electron-Hole Compensation. Journal of the Physical Society of Japan, 2008, 77, 053704.	0.7	7
136	Fractional Flux Quanta at Intrinsic Metallic Interfaces of Noncentrosymmetric Superconductors. Journal of the Physical Society of Japan, 2008, 77, 083701.	0.7	31
137	Non-centrosymmetric Superconductivity and Antiferromagnetic Order: Microscopic Discussion of CePt <sub>3</sub> Si. Journal of the Physical Society of Japan, 2007, 76, 043712.	0.7	64
138	Magnetic Properties in Non-centrosymmetric Superconductors with and without Antiferromagnetic Order. Journal of the Physical Society of Japan, 2007, 76, 124709.	0.7	48
139	Exotic Superconducting Properties in the Electron-Hole-Compensated Heavy-Fermion $\alpha$ -Semimetal $URu_2Si_2$ . Physical Review Letters, 2007, 99, 116402.	2.9	183
140	Strongly renormalized quasi-two-dimensional electron gas in a heterostructure with correlation effects. Physical Review B, 2007, 75, .	1.1	33
141	Plaquette bond order wave in the quarter-filled extended Hubbard model on the checkerboard lattice. Physical Review B, 2007, 75, .	1.1	13
142	Existence of Long-Range Magnetic Order in the Ground State of Two-Dimensional Spin-1/2 Heisenberg Antiferromagnets. Progress of Theoretical Physics, 2007, 117, 1-15.	2.0	1
143	Perfectly Conducting Channel and Universality Crossover in Disordered Graphene Nanoribbons. Physical Review Letters, 2007, 99, 036601.	2.9	191
144	Charge transport in normal metal/wave superconductor junctions with Rashba type spin-orbit coupling. Physica E: Low-Dimensional Systems and Nanostructures, 2007, 40, 281-284.	1.3	3

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145	Checkerboard order in the $\hat{e}$ model on the square lattice. Journal of Magnetism and Magnetic Materials, 2007, 310, 523-525.	1.0	2
146	Superconductivity in non-centrosymmetric materials. Journal of Magnetism and Magnetic Materials, 2007, 310, 536-540.	1.0	59
147	Spin and Charge Transport Properties in Quasi-One Dimensional Anomalous Hall System. AIP Conference Proceedings, 2007, , .	0.3	2
148	Quasiparticle dynamics in the Kondo lattice model at half filling. Physical Review B, 2006, 73, .	1.1	9
149	Magnetic fields and superconductivity without inversion symmetry in CePt3Si. Physica B: Condensed Matter, 2006, 378-380, 351-354.	1.3	11
150	Role of spin exchange on the coexistence of superconductivity and itinerant ferromagnetism in a two carrier model. Physica B: Condensed Matter, 2006, 378-380, 550-551.	1.3	0
151	A band structure analysis of the coexistence of superconductivity and magnetism in (Ho,Dy)Ni2B2C. Journal of Physics Condensed Matter, 2006, 18, 5973-5983.	0.7	8
152	Magnetic Domain Formation in Itinerant Metamagnets. Physical Review Letters, 2006, 96, 196406.	2.9	21
153	Role of Inelastic Tunneling through the Insulating Barrier in Scanning-Tunneling-Microscope Experiments on Cuprate Superconductors. Physical Review Letters, 2006, 97, 117003.	2.9	28
154	Theory for inelastic neutron scattering in orthorhombic high-Tc superconductors. Physical Review B, 2006, 73, .	1.1	20
155	Superconductivity and normal state properties of non-centrosymmetric CePt3Si: a status report. Low Temperature Physics, 2005, 31, 748-756.	0.2	34
156	Effective interaction between the inter-penetrating Kagomé lattices in. Physica B: Condensed Matter, 2005, 359-361, 1357-1359.	1.3	0
157	Mott transitions in the multi-orbital systems. Physica B: Condensed Matter, 2005, 359-361, 1366-1368.	1.3	21
158	Impurity effect on Kramer-Pesch core shrinkage ins-wave vortex and chiral p-wave vortex. Journal of Low Temperature Physics, 2005, 139, 79-96.	0.6	10
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160	Review on the Chiral-Wave Phase of Sr2RuO4. Progress of Theoretical Physics Supplement, 2005, 160, 1-14.	0.2	36
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