

Yukio Tanaka

List of Publications by Year in descending order

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Version: 2024-02-01

330
papers

15,648
citations

23567

58
h-index

18647

119
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335
all docs

335
docs citations

335
times ranked

5718
citing authors

#	ARTICLE	IF	CITATIONS
1	Spin susceptibility for orbital-singlet Cooper pair in the three-dimensional s -wave superconductor. Physical Review Research, 2022, 4, .	2.6	5
2	A phenomenological theory of superconductor diodes. New Journal of Physics, 2022, 24, 053014.	2.9	85
3	Flat-band Majorana bound states in topological Josephson junctions. Physical Review Research, 2022, 4, .	3.6	5
4	Theory of proximity effect in s -wave superconductor junctions. Physical Review B, 2022, 105, .	3.2	5
5	Theory of Surface Andreev Bound States and Odd-Frequency Pairing in Superconductor Junctions. Journal of Superconductivity and Novel Magnetism, 2021, 34, 1677-1694.	1.8	3
6	Edge-induced pairing states in a Josephson junction through a spin-polarized quantum anomalous Hall insulator. Physical Review B, 2021, 103, .	3.2	3
7	Tunneling conductance of the $(d+ip)$ -wave superconductor. Physical Review B, 2021, 103, .	3.2	5
8	Optical Responses of Chiral Majorana Edge States in Two-Dimensional Topological Superconductors. Physical Review Letters, 2021, 126, 237002.	7.8	9
9	Observation of domain wall bimerons in chiral magnets. Nature Communications, 2021, 12, 3490.	12.8	33
10	Generation of odd-frequency surface superconductivity with spontaneous spin current due to the zero-energy Andreev bound state. Physical Review B, 2021, 103, .	3.2	3
11	Proposal for identifying possible even-parity superconducting states in s -wave superconductor using planar tunneling spectroscopy. Physical Review Research, 2021, 3, .	2.6	5
12	Anisotropic supercurrent due to inhomogeneous magnetization in ferromagnet/superconductor junctions. Physical Review B, 2021, 104, .	3.2	1
13	Theory of a pair density wave on a quasi-one-dimensional lattice in the Hubbard model. Physical Review B, 2021, 104, .	3.2	6
14	Impact of impurity scattering on odd-frequency spin-triplet pairing near the edge of the Kitaev chain. Physical Review B, 2021, 103, .	3.2	1
15	Generalization of spectral bulk-boundary correspondence. Physical Review B, 2021, 104, .	3.2	4
16	Possible topological phases in quantum anomalous Hall insulator/unconventional superconductor hybrid systems. Physical Review B, 2021, 104, .	3.2	1
17	Anomalous inverse proximity effect in unconventional superconductor junctions. Physical Review Research, 2021, 3, .	3.6	3
18	Orbital tunable $0 \rightarrow \hat{\alpha}$ transitions in Josephson junctions with noncentrosymmetric topological superconductors. Physical Review B, 2020, 102, .	3.2	10

#	ARTICLE	IF	CITATIONS
19	Spin Hall conductivity in topological Dirac semimetals. Physical Review B, 2020, 101, .	3.2	10
20	Bulk odd-frequency pairing in the superconducting Su-Schrieffer-Heeger model. Physical Review B, 2020, 101, .	3.2	6
21	Spin-polarized multiple Andreev reflections in spin-split superconductors. Physical Review B, 2020, 101, .	3.2	5
22	Identifying possible pairing states in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{Sr} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{RuO} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ by tunneling spectroscopy. Physical Review B, 2020, 101, .	3.2	9
23	Odd-frequency pairing and proximity effect in Kitaev chain systems including a topological critical point. Physical Review B, 2020, 101, .	3.2	11
24	Theory of Tunneling Effect in 1D All-class Topological Insulator (Nanowire) Proximity Coupled with a Superconductor. Journal of the Physical Society of Japan, 2020, 89, 054701.	1.6	1
25	Recent Progress of Powerful Numerical Method to Solve Bogoliubov-de Gennes Hamiltonian. JPSJ News and Comments, 2020, 17, 11.	0.1	0
26	Thermoelectric detection of Andreev states in unconventional superconductors. Physical Review Research, 2020, 2, .	3.6	7
27	Effects of phase coherence on local density of states in superconducting proximity structures. Physical Review B, 2019, 100, .	3.2	7
28	Majorana Multipole Response of Topological Superconductors. Physical Review Letters, 2019, 123, 097002.	7.8	18
29	Theory of the Josephson current on a magnetically doped topological insulator. Physical Review B, 2019, 100, .	3.2	3
30	Time-reversal invariant superconductivity of $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{Sr} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{RuO} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ revealed by Josephson effects. Physical Review B, 2019, 100, .	3.2	9
31	Spin-orbital hallmarks of unconventional superconductors without inversion symmetry. Physical Review B, 2019, 100, .	3.2	11
32	Axion Instability and Nonlinear Electromagnetic Effect. Journal of the Physical Society of Japan, 2019, 88, 024402.	1.6	8
33	Spin liquids from Majorana zero modes in a Cooper-pair box. Physical Review B, 2019, 99, .	3.2	19
34	Odd-frequency pairs in chiral symmetric systems: Spectral bulk-boundary correspondence and topological criticality. Physical Review B, 2019, 99, .	3.2	27
35	Theory of the proximity effect in two-dimensional unconventional superconductors with Rashba spin-orbit interaction. Physical Review B, 2019, 99, .	3.2	12
36	Spin-orbit coupling induced valley Hall effects in transition-metal dichalcogenides. Communications Physics, 2019, 2, .	5.3	56

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37	Platform of chiral Majorana edge modes and its quantum transport phenomena. Communications Physics, 2019, 2, .	5.3	18
38	Charge Transport in Unconventional Superconductor Junctions. Springer Series in Materials Science, 2019, , 117-145.	0.6	0
39	Surface Andreev Bound States and Odd-Frequency Pairing in Topological Superconductor Junctions. Journal of Low Temperature Physics, 2018, 191, 61-83.	1.4	5
40	Local density of states in two-dimensional topological superconductors under a magnetic field: Signature of an exterior Majorana bound state. Physical Review B, 2018, 97, .	3.2	8
41	Tunneling Conductance in Two-Dimensional Junctions between a Normal Metal and a Ferromagnetic Rashba Metal. Journal of the Physical Society of Japan, 2018, 87, 034710.	1.6	7
42	Interorbital topological superconductivity in spin-orbit coupled superconductors with inversion symmetry breaking. Physical Review B, 2018, 97, .	3.2	29
43	Study on Green's function on topological insulator surface. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20150246.	3.4	17
44	Spontaneous Modulation of Superconducting Phase in Kitaev Ladder. Journal of the Physical Society of Japan, 2018, 87, 083702.	1.6	2
45	Electromagnetic effects induced by a time-dependent axion field. Physical Review B, 2018, 97, .	3.2	15
46	Theory of surface Andreev bound states and tunneling spectroscopy in three-dimensional chiral superconductors. Physical Review B, 2017, 95, .	3.2	21
47	Tunability of Andreev levels via spin-orbit coupling in Zeeman-split Josephson junctions. Physical Review B, 2017, 96, .	3.2	5
48	Generalized parafermions and nonlocal Josephson effect in multilayer systems. Physical Review B, 2017, 95, .	3.2	7
49	Current fluctuations in unconventional superconductor junctions with impurity scattering. Physical Review B, 2017, 95, .	3.2	21
50	Crossing-line-node semimetals: General theory and application to rare-earth trihydrides. Physical Review B, 2017, 95, .	3.2	40
51	Josephson effect in a multiorbital model for $Sr_2Ru_4O_{14}$. Physical Review B, 2017, 95, .		
52	Anisotropic Magnetic Responses of Topological Crystalline Superconductors. Crystals, 2017, 7, 58.	2.2	18
53	Pairing Mechanism of Unconventional Superconductivity in Doped Kane's Mele Model. Journal of the Physical Society of Japan, 2016, 85, 104704.	1.6	9
54	Influence of the impurity scattering on charge transport in unconventional superconductor junctions. Physical Review B, 2016, 94, .	3.2	23

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55	Skyrmionic magnetization configurations at chiral magnet/ferromagnet heterostructures. Physical Review B, 2016, 93, .	3.2	9
56	Photovoltaic chiral magnetic effect in Weyl semimetals. Physical Review B, 2016, 93, .	3.2	61
57	Tunneling and Josephson effects in odd-frequency superconductor junctions: A study on multichannel Kondo chain. Physical Review B, 2016, 93, .	3.2	12
58	Superconductivity in doped Dirac semimetals. Physical Review B, 2016, 94, .	3.2	59
59	Josephson current in a normal-metal nanowire coupled to a superconductor/ferromagnet/superconductor junction. Physical Review B, 2016, 93, .	3.2	9
60	All-electrical generation and control of odd-frequency s -wave Cooper pairs in double quantum dots. Physical Review B, 2016, 93, .	3.2	19
61	Quantization of conductance minimum and index theorem. Physical Review B, 2016, 94, .	3.2	29
62	Theory of time-reversal topological superconductivity in double Rashba wires: symmetries of Cooper pairs and Andreev bound states. Progress of Theoretical and Experimental Physics, 2016, 2016, 083101.	6.6	44
63	Line-Node Dirac Semimetal and Topological Insulating Phase in Noncentrosymmetric Prictides CaAgX ($X = \text{P, As}$). Journal of the Physical Society of Japan, 2016, 85, 013708.	1.6	229
64	Andreev bound states in topological superconductors (Conference Presentation). , 2016, , .		0
65	Inversion symmetry of Josephson current as test of chiral domain wall motion in SrMn_2S_7 . Physical Review B, 2015, 92, .		
66	Theory of tunneling conductance of anomalous Rashba metal/superconductor junctions. Physical Review B, 2015, 92, .	3.2	11
67	Surface electronic state of superconducting topological crystalline insulator. Physical Review B, 2015, 92, .	3.2	25
68	Superconducting proximity effect in three-dimensional topological insulators in the presence of a magnetic field. Physical Review B, 2015, 92, .	3.2	53
69	Fragile surface zero-energy flat bands in three-dimensional chiral superconductors. Physical Review B, 2015, 92, .	3.2	28
70	Majorana braiding dynamics in nanowires. Physical Review B, 2015, 91, .	3.2	40
71	Spin-charge transport driven by magnetization dynamics on the disordered surface of doped topological insulators. Physical Review B, 2015, 92, .	3.2	14
72	Crossed Surface Flat Bands of Weyl Semimetal Superconductors. Physical Review Letters, 2015, 114, 096804.	7.8	74

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73	Anomalous proximity effect and theoretical design for its realization. <i>Physical Review B</i> , 2015, 91, .	3.2	27
74	Josephson current in Fe-based superconducting junctions: Theory and experiment. <i>Physical Review B</i> , 2015, 91, .	3.2	26
75	Tunneling spectroscopy and Josephson current of superconductor-ferromagnet hybrids on the surface of a 3D TI. <i>Superconductor Science and Technology</i> , 2015, 28, 105001.	3.5	14
76	Odd-frequency pairing in topological superconductivity in a one-dimensional magnetic chain. <i>Physical Review B</i> , 2015, 91, .	3.2	37
77	Anomalous Josephson effect in d -wave superconductor junctions on a topological insulator surface. <i>Physical Review B</i> , 2015, 92, .	3.2	21
78	Majorana edge states and topological properties in 1D/2D Rashba semiconductor proximity coupled to iron-based superconductor. <i>Superconductor Science and Technology</i> , 2015, 28, 014001.	3.5	2
79	Consequences of bulk odd-frequency superconducting states for the classification of Cooper pairs. <i>Physical Review B</i> , 2014, 90, .	3.2	22
80	Transport signatures of superconducting hybrids with mixed singlet and chiral triplet states. <i>Physical Review B</i> , 2014, 90, .	3.2	26
81	Dirac-fermion-induced parity mixing in superconducting topological insulators. <i>Physical Review B</i> , 2014, 90, .	3.2	52
82	Topological Blount's theorem of odd-parity superconductors. <i>Physical Review B</i> , 2014, 90, .	3.2	82
83	Tunneling spectroscopy of topological superconductors. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2014, 55, 25-29.	2.7	23
84	Giant magnetoresistance in the junction of two ferromagnets on the surface of diffusive topological insulators. <i>Physical Review B</i> , 2014, 89, .	3.2	27
85	Quasiclassical theory of coherent charge transport into multi-band superconductors. <i>Superconductor Science and Technology</i> , 2014, 27, 015010.	3.5	8
86	Microscopic Theory of Tunneling Spectroscopy in Sr ₂ RuO ₄ . <i>Journal of the Physical Society of Japan</i> , 2014, 83, 074706.	1.6	25
87	Effect of Fermi surface evolution on superconducting gap in superconducting topological insulator. <i>Superconductor Science and Technology</i> , 2014, 27, 104002.	3.5	16
88	Fermion fractionalization to Majorana fermions in a dimerized Kitaev superconductor. <i>Physical Review B</i> , 2014, 90, .	3.2	103
89	Quasi-Classical Theory of Tunneling Spectroscopy in Superconducting Topological Insulator. <i>Journal of the Physical Society of Japan</i> , 2014, 83, 064705.	1.6	21
90	Theoretical modeling and properties of class DIII topological superconductors. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2014, 55, 37-41.	2.7	1

#	ARTICLE	IF	CITATIONS
91	Anomalous Meissner Effect in Superconducting Junction with Spin-active Interface. Physics Procedia, 2014, 58, 187-190.	1.2	0
92	Two-dimensional p -wave superconducting states with magnetic moments on a conventional s -wave superconductor. Physical Review B, 2013, 88, .	3.2	152
93	Topological Phase Transition without Gap Closing. Scientific Reports, 2013, 3, 2790.	3.3	77
94	Theory of tunneling spectroscopy in a superconducting topological insulator. Physica C: Superconductivity and Its Applications, 2013, 494, 20-23.	1.2	0
95	Majorana Bound States and Nonlocal Spin Correlations in a Quantum Wire on an Unconventional Superconductor. Physical Review Letters, 2013, 110, 117002.	7.8	110
96	Majorana fermions and odd-frequency Cooper pairs in a normal-metal nanowire proximity-coupled to a topological superconductor. Physical Review B, 2013, 87, .	3.2	114
97	Anomalous Josephson current in superconducting topological insulator. Physical Review B, 2013, 87, .	3.2	18
98	Charge transport in p - n junctions of silicene. Physical Review B, 2013, 88, .	3.2	85
99	Crossover between BCS Superconductor and Doped Mott Insulator of d -Wave Pairing State in Two-Dimensional Hubbard Model. Journal of the Physical Society of Japan, 2013, 82, 014707.	1.6	90
100	Superconducting Pairing Symmetry on the Extended Hubbard Model in the Presence of the Rashba-Type Spin-Orbit Coupling. Journal of the Physical Society of Japan, 2013, 82, 014702.	1.6	10
101	Theory of Tunneling Spectroscopy of Multi-Band Superconductors. Journal of the Physical Society of Japan, 2013, 82, 034716.	1.6	22
102	Robustness of Spin-Triplet Pairing and Singlet-Triplet Pairing Crossover in Superconductor/Ferromagnet Hybrids. Journal of the Physical Society of Japan, 2013, 82, 124702.	1.6	28
103	Symmetry-Protected Majorana Fermions in Topological Crystalline Superconductors: Theory and Application to Sr_2RuO_4 . Physical Review Letters, 2013, 111, 087002.	7.8	123
104	Bulk Electronic State of Superconducting Topological Insulator. Journal of the Physical Society of Japan, 2013, 82, 044704.	1.6	47
105	Possible Odd-Frequency Pairing in Quasi-One-Dimensional Organic Superconductors (TMTSF) ₂ X. Journal of the Physical Society of Japan, 2013, 82, 104702.	1.6	11
106	Topological Superconductivity in Bilayer Rashba System. Physical Review Letters, 2012, 108, 147003.	7.8	186
107	Evolution of Edge States and Critical Phenomena in the Rashba Superconductor with Magnetization. Physical Review Letters, 2012, 108, 087003.	7.8	25
108	Odd-frequency Cooper-pair amplitude around a vortex core in a chiral p -wave superconductor in the quantum limit. Physical Review B, 2012, 86, .	3.2	16

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109	Symmetry of superconducting pairing state in a staggered field. Physical Review B, 2012, 85, .	3.2	13
110	Anomalous surface impedance in a normal-metal/superconductor junction with a spin-active interface. Physical Review B, 2012, 86, .	3.2	7
111	Zero-bias conductance quantization in a normal / superconducting junction of nano wire. Journal of Physics: Conference Series, 2012, 393, 012015.	0.4	0
112	Spin polarized conductance in ferromagnet / insulator / conventional superconductor junctions. Journal of Physics: Conference Series, 2012, 400, 032083.	0.4	0
113	Symmetry and Topology in Superconductors â€œOdd-Frequency Pairing and Edge Statesâ€œ. Journal of the Physical Society of Japan, 2012, 81, 011013.	1.6	453
114	Properties of Interfaces and Surfaces in Non-centrosymmetric Superconductors. Lecture Notes in Physics, 2012, , 313-357.	0.7	8
115	Theory of tunneling spectroscopy for chiral topological superconductors. Physical Review B, 2012, 86, .	3.2	19
116	Theory of tunneling conductance and surface-state transition in superconducting topological insulators. Physical Review B, 2012, 85, .	3.2	104
117	Spectrum of Andreev bound states in Josephson junctions with a ferromagnetic insulator. Journal of Magnetism and Magnetic Materials, 2012, 324, 3467-3470.	2.3	8
118	Theory of Proximity Effect in Ferromagnet/Superconductor Heterostructures in the Presence of Spin Dependent Interfacial Phase Shift. Japanese Journal of Applied Physics, 2012, 51, 010108.	1.5	3
119	Finite size effects of the surface states in a lattice model of topological insulator. Physica E: Low-Dimensional Systems and Nanostructures, 2012, 44, 885-890.	2.7	14
120	Theory of Proximity Effect in Ferromagnet/Superconductor Heterostructures in the Presence of Spin Dependent Interfacial Phase Shift. Japanese Journal of Applied Physics, 2012, 51, 010108.	1.5	1
121	Edge States of R_{00} by In-Plane Tunneling Spectroscopy. Physical Review Letters, 2011, 107, 077003.	1.8	148
122	Anomalous Meissner Effect in a Normal-Metalâ€œSuperconductor Junction with a Spin-Active Interface. Physical Review Letters, 2011, 106, 246601.	7.8	83
123	Unconventional Surface Impedance of a Normal-Metal Film Covering a Spin-Triplet Superconductor Due to Odd-Frequency Cooper Pairs. Physical Review Letters, 2011, 107, 087001.	7.8	81
124	Interface Effect of Topological Insulators. Hyomen Kagaku, 2011, 32, 202-208.	0.0	0
125	Anomalous magnetoresistance on the topological surface. Journal of Physics: Conference Series, 2011, 302, 012023.	0.4	0
126	Theory of the \hat{I}^2 -Type Organic Superconductivity under Uniaxial Compression. Journal of the Physical Society of Japan, 2011, 80, 094704.	1.6	3

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127	Surface density of states and topological edge states in noncentrosymmetric superconductors. Physical Review B, 2011, 83, .	3.2	115
128	Atomic scale $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0005.gif" overflow="scroll" \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:mtext} \rangle \hat{\epsilon} \langle \text{mml:mtext} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \tilde{\epsilon} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ transition in a high-T superconductor/ferromagnetic-insulator/high-T superconductor Josephson junction. Physica E: Low-Dimensional Systems and Nanostructures, 2011, 43, 722-725.	2.7	3
129	Competition of pairing symmetries and a mechanism for Berezinskii pairing in quasi-one-dimensional systems. Physical Review B, 2011, 83, .	3.2	30
130	Theory of edge states in a quantum anomalous Hall insulator/spin-singlets-wave superconductor hybrid system. Physical Review B, 2011, 83, .	3.2	16
131	Topology of Andreev bound states with flat dispersion. Physical Review B, 2011, 83, .	3.2	268
132	Topological Superconductivity in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Cu} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{x} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Bi} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 8 \langle \text{mml:mn} \rangle$ Physical Review Letters, 2011, 107, 217001.	7.8	389
133	DC Current Driven Critical Current Variation in Sr ₂ RuO ₄ Ru Junction Proved by Local Transport Measurements. Journal of the Physical Society of Japan, 2010, 79, 074708.	1.6	7
134	Theory of Pairing Symmetry in Fulde Ferrell Larkin Ovchinnikov Vortex State and Vortex Lattice. Journal of the Physical Society of Japan, 2010, 79, 034702.	1.6	19
135	Unconventional Superconductivity on a Topological Insulator. Physical Review Letters, 2010, 104, 067001.	7.8	392
136	Effect of spin fluctuations on charge transport in diffusive normal metal/d-wave superconductor junctions. Physica C: Superconductivity and Its Applications, 2010, 470, S854-S856.	1.2	0
137	Vortex shadow on surface of chiral p-wave superconductors. Physica C: Superconductivity and Its Applications, 2010, 470, S888-S889.	1.2	0
138	Theory of Josephson transport through spintronics nano-structures. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 1010-1013.	2.7	9
139	Josephson $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle \tilde{\epsilon} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ State in a Ferromagnetic Insulator. Physical Review Letters, 2010, 104, 117002.	7.8	45
140	Anomalous Andreev Bound State in Noncentrosymmetric Superconductors. Physical Review Letters, 2010, 105, 097002.	7.8	138
141	Tunneling between Two Helical Superconductors via Majorana Edge Channels. Physical Review Letters, 2010, 105, 056402.	7.8	22
142	A tunneling Hamiltonian theory of 0- $\tilde{\epsilon}$ transition ind-wave superconductor/ferromagnetic-insulator heterostructures. Journal of Physics: Conference Series, 2010, 248, 012039.	0.4	0
143	Interplay between superconductivity and ferromagnetism on a topological insulator. Physical Review B, 2010, 81, .	3.2	123
144	Anomalous magnetoresistance of a two-dimensional ferromagnet/ferromagnet junction on the surface of a topological insulator. Physical Review B, 2010, 81, .	3.2	184

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145	Theory of charge transport in ferromagnetic semiconductor/ s -wave superconductor junction. Physical Review B, 2009, 80, .	3.2	14
146	Electrically controlled superconducting states at the heterointerface SrTiO ₃ /LaAlO ₃ . Physical Review B, 2009, 80, .	3.2	38
147	Surface density of states of s -wave Cooper pairs in a two-band superconductor model. Physical Review B, 2009, 79, .	3.2	34
148	Tunneling conductance and local density of states in time-reversal symmetry breaking superconductors under the influence of an external magnetic field. Physical Review B, 2009, 79, .	3.2	7
149	Theory of odd-frequency pairings on a quasi-one-dimensional lattice in the Hubbard model. Physical Review B, 2009, 79, .	3.2	43
150	Theory of topological spin current in noncentrosymmetric superconductors. Physical Review B, 2009, 79, .	3.2	200
151	Andreev Spectra and Subgap Bound States in Multiband Superconductors. Physical Review Letters, 2009, 103, 077003.	7.8	75
152	Giant Spin Rotation in the Junction between a Normal Metal and a Quantum Spin Hall System. Physical Review Letters, 2009, 102, 166801.	7.8	67
153	Manipulation of the Majorana Fermion, Andreev Reflection, and Josephson Current on Topological Insulators. Physical Review Letters, 2009, 103, 107002.	7.8	458
154	Two Interacting Helical Edge Modes in Quantum Spin Hall Systems. Physical Review Letters, 2009, 103, 166403.	7.8	37
155	Model for Vortex-Core Tunneling Spectroscopy of Chiral p -Wave Superconductors via Odd-Frequency Pairing States. Physical Review Letters, 2009, 102, 117003.	7.8	45
156	Pairing Competition in a Quasi-One-Dimensional Model of Organic Superconductors (TMTSF) ₂ X in Magnetic Field. Journal of the Physical Society of Japan, 2009, 78, 124711.	1.6	9
157	Odd-frequency pairing state in superconducting junctions. Journal of Physics and Chemistry of Solids, 2008, 69, 3244-3246.	4.0	0
158	Quasiparticle density of states in a half metal in the presence of odd-frequency Cooper pairs. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 1023-1025.	1.8	3
159	Odd-frequency pairing state in superconducting junctions. Physica C: Superconductivity and Its Applications, 2008, 468, 589-592.	1.2	1
160	Cooper pair transport and macroscopic quantum dynamics in Josephson junctions through ferromagnetic insulators. Physica C: Superconductivity and Its Applications, 2008, 468, 701-704.	1.2	9
161	Tunneling study through analysis of spatial variations of the pair potential in diffusive normal metal/insulator/high- superconductor junctions. Journal of Physics and Chemistry of Solids, 2008, 69, 3042-3045.	4.0	3
162	Josephson current through a half metal at low temperatures. Journal of Physics and Chemistry of Solids, 2008, 69, 3247-3249.	4.0	6

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163	Electronic state on the surface in the strongly correlated electron systems. Journal of Physics and Chemistry of Solids, 2008, 69, 3307-3309.	4.0	0
164	Odd-frequency superconductivity in the 2D extended Hubbard model. Journal of Physics and Chemistry of Solids, 2008, 69, 3321-3323.	4.0	1
165	Effects of off-site Coulomb interaction in a Hubbard model on a triangular lattice. Journal of Physics and Chemistry of Solids, 2008, 69, 3372-3374.	4.0	6
166	Unconventional Pairing Originating from the Disconnected Fermi Surfaces of Superconducting LaFeAsO . $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \hat{\alpha} \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle x \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$. Physical Review Letters, 2008, 101, 087004.	7.8	13
167	Theory of pairing symmetry inside the Abrikosov vortex core. Physical Review B, 2008, 78, .	3.2	46
168	Spin-dependent Mass Enhancement under a Magnetic Field in the Periodic Anderson Model. Journal of the Physical Society of Japan, 2008, 77, 023703.	1.6	16
169	Strongly spin-polarized current generated in a Zeeman-split unconventional superconductor. Physical Review B, 2008, 78, .	3.2	10
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