

# Yukio Tanaka

## List of Publications by Year in descending order

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330  
papers

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times ranked

5718  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unconventional Pairing Originating from the Disconnected Fermi Surfaces of Superconducting $\text{LaFeAsO}_{1-x}\text{F}_x$ . Physical Review Letters, 2008, 101, 087004.	7.8	1,551
2	Theory of Tunneling Spectroscopy of d-Wave Superconductors. Physical Review Letters, 1995, 74, 3451-3454.	7.8	1,094
3	Tunnelling effects on surface bound states in unconventional superconductors. Reports on Progress in Physics, 2000, 63, 1641-1724.	20.1	879
4	Topological Superconductivity in $\text{Cu}_x\text{Bi}_{1-x}\text{Te}_2$ . Physical Review Letters, 2011, 107, 217001.	7.8	389
5	Manipulation of the Majorana Fermion, Andreev Reflection, and Josephson Current on Topological Insulators. Physical Review Letters, 2009, 103, 107002.	7.8	458
6	Symmetry and Topology in Superconductors –“Odd-Frequency Pairing and Edge States”. Journal of the Physical Society of Japan, 2012, 81, 011013.	1.6	453
7	Unconventional Superconductivity on a Topological Insulator. Physical Review Letters, 2010, 104, 067001.	7.8	392
8	Origin of zero-bias conductance peaks in high-T <sub>c</sub> superconductors. Physical Review B, 1995, 51, 1350-1353.	3.2	369
9	Theory of Josephson effects in anisotropic superconductors. Physical Review B, 1997, 56, 892-912.	3.2	343
10	Theory for tunneling spectroscopy of anisotropic superconductors. Physical Review B, 1996, 53, 2667-2676.	3.2	337
11	Topology of Andreev bound states with flat dispersion. Physical Review B, 2011, 83, .	3.2	268
12	Line-Node Dirac Semimetal and Topological Insulating Phase in Noncentrosymmetric Pnictides $\text{CaAg}_2\text{P}$ , $\text{As}$ ). Journal of the Physical Society of Japan, 2016, 85, 013708.	1.6	229
13	Theory of the Josephson effect in d-wave superconductors. Physical Review B, 1996, 53, R11957-R11960.	3.2	221
14	Theory of topological spin current in noncentrosymmetric superconductors. Physical Review B, 2009, 79, .	3.2	200
15	Topological Superconductivity in Bilayer Rashba System. Physical Review Letters, 2012, 108, 147003.	7.8	186
16	Anomalous magnetoresistance of a two-dimensional ferromagnet/ferromagnet junction on the surface of a topological insulator. Physical Review B, 2010, 81, .	3.2	184
17	Josephson Effect due to Odd-Frequency Pairs in Diffusive Half Metals. Physical Review Letters, 2007, 98, 107002.	7.8	161
18	Anomalous Josephson Effect between Even- and Odd-Frequency Superconductors. Physical Review Letters, 2007, 99, 037005.	7.8	154

#	ARTICLE	IF	CITATIONS
19	Two-dimensional $p$ -wave superconducting states with magnetic moments on a conventional $s$ -wave superconductor. Physical Review B, 2013, 88, .	3.2	152
20	Edge States of $Sr_2RuO_4$ by In-Plane Tunneling Spectroscopy. Physical Review Letters, 2011, 107, 077003.	7.8	118
21	Theory of tunneling spectroscopy in superconducting $Sr_2RuO_4$ . Physical Review B, 1997, 56, 7847-7850.	3.2	145
22	Anomalous Andreev Bound State in Noncentrosymmetric Superconductors. Physical Review Letters, 2010, 105, 097002.	7.8	138
23	Local density of states of quasiparticles near the interface of nonuniform $d$ -wave superconductors. Physical Review B, 1996, 53, 9371-9381.	3.2	129
24	Odd-frequency pairs and Josephson current through a strong ferromagnet. Physical Review B, 2007, 76, .	3.2	124
25	Interplay between superconductivity and ferromagnetism on a topological insulator. Physical Review B, 2010, 81, .	3.2	123
26	Symmetry-Protected Majorana Fermions in Topological Crystalline Superconductors: Theory and Application to $Sr_2RuO_4$ . Physical Review Letters, 2013, 111, 087002.	7.8	123
27	Josephson effect between $d_{x^2-y^2}$ wave superconductors. Physical Review Letters, 1994, 72, 3871-3874.	7.8	119
28	Surface density of states and topological edge states in noncentrosymmetric superconductors. Physical Review B, 2011, 83, .	3.2	115
29	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
30	Mott Transitions and $d$ -Wave Superconductivity in Half-Filled-Band Hubbard Model on Square Lattice with Geometric Frustration. Journal of the Physical Society of Japan, 2006, 75, 114706.	1.6	111
31	Majorana Bound States and Nonlocal Spin Correlations in a Quantum Wire on an Unconventional Superconductor. Physical Review Letters, 2013, 110, 117002.	7.8	110
32	Theory of tunneling conductance and surface-state transition in superconducting topological insulators. Physical Review B, 2012, 85, .	3.2	104
33	Fermion fractionalization to Majorana fermions in a dimerized Kitaev superconductor. Physical Review B, 2014, 90, .	3.2	103
34	Josephson current in $s$ -wave-superconductor/ $Sr_2RuO_4$ junctions. Physical Review B, 2003, 67, .	3.2	102
35	Anomalous Josephson Effect in $p$ -Wave Dirty Junctions. Physical Review Letters, 2006, 96, 097007.	7.8	97
36	Superconductivity and a Mott Transition in a Hubbard Model on an Anisotropic Triangular Lattice. Journal of the Physical Society of Japan, 2006, 75, 074707.	1.6	91

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37	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
38	$dx^2-y^2$ - versus $xy$ - like pairings in organic superconductors $(\text{BEDT-TTF})_2\text{X}$ . Physical Review B, 2002, 65, .	3.2	85
39	Phenomenological theory of zero-energy Andreev resonant states. Physical Review B, 2004, 69, .	3.2	85
40	Charge transport in $p$ - $n$ junctions of silicene. Physical Review B, 2013, 88, .	3.2	85
41	A phenomenological theory of superconductor diodes. New Journal of Physics, 2022, 24, 053014.	2.9	85
42	Crossover of Superconducting Properties and Kinetic-Energy Gain in Two-Dimensional Hubbard Model. Journal of the Physical Society of Japan, 2004, 73, 1119-1122.	1.6	84
43	Anomalous Meissner Effect in a Normal-Metal/Superconductor Junction with a Spin-Active Interface. Physical Review Letters, 2011, 106, 246601.	7.8	83
44	Topological Blount's theorem of odd-parity superconductors. Physical Review B, 2014, 90, .	3.2	82
45	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
46	Theory of Tunneling Conductance for Normal Metal/Insulator/ Triplet Superconductor Junction. Journal of the Physical Society of Japan, 1998, 67, 3224-3233.	1.6	79
47	Topological Phase Transition without Gap Closing. Scientific Reports, 2013, 3, 2790.	3.3	77
48	Exotic behavior of the dielectric function and the plasmons of an electron gas on a tubule. Physical Review B, 1993, 48, 1947-1950.	3.2	76
49	Andreev Spectra and Subgap Bound States in Multiband Superconductors. Physical Review Letters, 2009, 103, 077003.	7.8	75
50	Crossed Surface Flat Bands of Weyl Semimetal Superconductors. Physical Review Letters, 2015, 114, 096804.	7.8	74
51	Theory of the Quasiparticle Spectra around a Vortex in the Two-Dimensional $J$ -Model. Journal of the Physical Society of Japan, 1997, 66, 3367-3370.	1.6	72
52	Local Density of States around a Magnetic Impurity in High- $T_c$ Superconductors Based on the $J$ -Model. Physical Review Letters, 2000, 84, 3165-3168.	7.8	68
53	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
54	Conductance Spectroscopy of Spin-Triplet Superconductors. Physical Review Letters, 2007, 99, 067005.	7.8	66

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55	Theory of Josephson effect in superconductor-ferromagnetic-insulator-superconductor junction. Physica C: Superconductivity and Its Applications, 1997, 274, 357-363.	1.2	65
56	Photovoltaic chiral magnetic effect in Weyl semimetals. Physical Review B, 2016, 93, .	3.2	61
57	Theory of Local Density of States of $d_{x^2-y^2}$ -Wave Superconducting State Near the Surfaces of the t-J Model. Journal of the Physical Society of Japan, 1998, 67, 1118-1121.	1.6	59
58	Superconductivity in doped Dirac semimetals. Physical Review B, 2016, 94, .	3.2	59
59	Electron transport in a ferromagnet-superconductor junction on graphene. Physical Review B, 2008, 78, .	3.2	57
60	Spin-orbit coupling induced valley Hall effects in transition-metal dichalcogenides. Communications Physics, 2019, 2, .	5.3	56
61	Local magnetic moments around a nonmagnetic impurity in the two-dimensional t-J model. Physical Review B, 2001, 64, .	3.2	53
62	Superconducting proximity effect in three-dimensional topological insulators in the presence of a magnetic field. Physical Review B, 2015, 92, .	3.2	53
63	Theory of Superconductivity of Carbon Nanotubes and Graphene. Journal of the Physical Society of Japan, 2007, 76, 033702.	1.6	52
64	Dirac-fermion-induced parity mixing in superconducting topological insulators. Physical Review B, 2014, 90, .	3.2	52
65	TUNNELING SPECTROSCOPY AND PAIRING SYMMETRY OF THE HIGH- $T_c$ SUPERCONDUCTORS. Journal of Physics and Chemistry of Solids, 1998, 59, 2034-2039.	4.0	50
66	Influences of broken time-reversal symmetry on the dc Josephson effects in d-wave superconductors. Physical Review B, 1998, 58, R2948-R2951.	3.2	49
67	Theory of Spin Polarized Tunneling in Superconducting $Sr_2RuO_4$ . Journal of the Physical Society of Japan, 1999, 68, 1071-1074.	1.6	49
68	Theory of Magnetotunneling Spectroscopy in Spin Triplet $p$ -Wave Superconductors. Journal of the Physical Society of Japan, 2002, 71, 2102-2105.	1.6	47
69	Effect of zero-energy bound states on macroscopic quantum tunneling in high- $T_c$ superconductor junctions. Physical Review B, 2005, 72, .	3.2	47
70	Bulk Electronic State of Superconducting Topological Insulator. Journal of the Physical Society of Japan, 2013, 82, 044704.	1.6	47
71	Theory of pairing symmetry inside the Abrikosov vortex core. Physical Review B, 2008, 78, .	3.2	46
72	Switching Dynamics of $Bi_2Sr_2CaCu_2O_{8+\delta}$ Intrinsic Josephson Junctions: Macroscopic Quantum Tunneling and Self-Heating Effect. Journal of the Physical Society of Japan, 2008, 77, 104708.	1.6	45

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73	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
74	Josephson $\tilde{I}_c$ State in a Ferromagnetic Insulator. Physical Review Letters, 2010, 104, 117002.	7.8	45
75	Macroscopic quantum dynamics of $\tilde{I}_c$ junctions with ferromagnetic insulators. Physical Review B, 2006, 74, .	3.2	44
76	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
77	Phase Dependent Energy Levels of Bound States and D.C. Josephson Current in Unconventional Superconductor / Ferromagnetic Insulator / Unconventional Superconductor Junctions. Journal of the Physical Society of Japan, 2000, 69, 1152-1161.	1.6	43
78	Josephson interferometer in a ring topology as a proof of the symmetry of Sr <sub>2</sub> RuO <sub>4</sub> . Physical Review B, 2005, 71, .	3.2	43
79	Theory of odd-frequency pairings on a quasi-one-dimensional lattice in the Hubbard model. Physical Review B, 2009, 79, .	3.2	43
80	Anomalous Transport through the $p$ -Wave Superconducting Channel in the 3-K Phase of Sr <sub>2</sub> RuO <sub>4</sub> . Physical Review Letters, 2008, 101, 267003.	7.8	42
81	Quasiparticle Properties around a Nonmagnetic Impurity in the Superconducting State of the Two-Dimensional $t$ - $J$ Model. Journal of the Physical Society of Japan, 1999, 68, 2510-2513.	1.6	41
82	Electronic states around a vortex core in high- $T_c$ superconductors based on the $t$ - $J$ model. Physical Review B, 2003, 68, .	3.2	40
83	Variational Monte Carlo Studies of Pairing Symmetry for the $t$ - $J$ Model on a Triangular Lattice. Journal of the Physical Society of Japan, 2004, 73, 3404-3412.	1.6	40
84	Competition between singlet and triplet pairings in Na <sub>x</sub> CoO <sub>2</sub> · $y$ H <sub>2</sub> O. Physical Review B, 2005, 71, .	3.2	40
85	Majorana braiding dynamics in nanowires. Physical Review B, 2015, 91, .	3.2	40
86	Crossing-line-node semimetals: General theory and application to rare-earth trihydrides. Physical Review B, 2017, 95, .	3.2	40
87	Theory of the Josephson effect in a superconductor/one-dimensional electron gas/superconductor junction. Physical Review B, 1999, 60, 6308-6311.	3.2	39
88	Electrically controlled superconducting states at the heterointerface SrTiO <sub>3</sub> /LaAlO <sub>3</sub> . Physical Review B, 2009, 80, .	3.2	38
89	Two Interacting Helical Edge Modes in Quantum Spin Hall Systems. Physical Review Letters, 2009, 103, 166403.	7.8	37
90	Odd-frequency pairing in topological superconductivity in a one-dimensional magnetic chain. Physical Review B, 2015, 91, .	3.2	37

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91	Time-reversal invariant superconductivity of $d_{x^2-y^2}$ revealed by Josephson effects. Physical Review B, 2019, 100, .	2.2	37
92	Effect of Interchain Interaction on Pairing Symmetry Competition in Organic Superconductors (TMTSF) <sub>2</sub> X. Journal of the Physical Society of Japan, 2005, 74, 1694-1697.	1.6	35
93	Theory of the d.c. Josephson Effect in s-wave/p-wave Superconductor Junction. Journal of the Physical Society of Japan, 1998, 67, 3364-3367.	1.6	34
94	Extended s-wave pairing originating from the d-band in Na <sub>x</sub> CoO <sub>2</sub> ·yH <sub>2</sub> O: Single-band U-V model with fluctuation exchange method. Physical Review B, 2006, 73, .	3.2	34
95	Surface density of states of s±-wave Cooper pairs in a two-band superconductor model. Physical Review B, 2009, 79, .	3.2	34
96	Josephson Effect in Unconventional-Superconductor/ Ferromagnet/Unconventional-Superconductor Junctions. Journal of the Physical Society of Japan, 1999, 68, 3485-3488.	1.6	33
97	Observation of domain wall bimerons in chiral magnets. Nature Communications, 2021, 12, 3490.	12.8	33
98	Energy spectrum of the quasiparticle in a quantum dot formed by a superconducting pair potential under a magnetic field. Solid State Communications, 1993, 85, 321-326.	1.9	32
99	A theoretical study of tunneling conductance in PrOs <sub>4</sub> Sb <sub>12</sub> superconducting junctions. Physical Review B, 2003, 68, .	3.2	31
100	Theory of macroscopic quantum tunneling in high- $T_c$ $d_{x^2-y^2}$ -axis Josephson junctions. Physical Review B, 2007, 76, .	3.2	31
101	Phase-dependent energy spectrum of quasiparticles in a superconducting superlattice. Physical Review B, 1991, 44, 7578-7584.	3.2	30
102	Parity-Sensitive Measurements Based on Ferromagnet/Superconductor Tunneling Junctions. Journal of the Physical Society of Japan, 2001, 70, 1885-1888.	1.6	30
103	Competition of pairing symmetries and a mechanism for Berezinskii pairing in quasi-one-dimensional systems. Physical Review B, 2011, 83, .	3.2	30
104	Quantization of conductance minimum and index theorem. Physical Review B, 2016, 94, .	3.2	29
105	Interorbital topological superconductivity in spin-orbit coupled superconductors with inversion symmetry breaking. Physical Review B, 2018, 97, .	3.2	29
106	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
107	Fragile surface zero-energy flat bands in three-dimensional chiral superconductors. Physical Review B, 2015, 92, .	3.2	28
108	Bound States in Superconductors. Japanese Journal of Applied Physics, 1995, 34, 4555-4558.	1.5	27

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109	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
110	Anomalous proximity effect and theoretical design for its realization. <i>Physical Review B</i> , 2015, 91, .	3.2	27
111	Odd-frequency pairs in chiral symmetric systems: Spectral bulk-boundary correspondence and topological criticality. <i>Physical Review B</i> , 2019, 99, .	3.2	27
112	Josephson current through superconductor/diffusive-normal-metal/superconductor junctions: Interference effects governed by pairing symmetry. <i>Physical Review B</i> , 2006, 74, .	3.2	26
113	Transport signatures of superconducting hybrids with mixed singlet and chiral triplet states. <i>Physical Review B</i> , 2014, 90, .	3.2	26
114	Josephson current in Fe-based superconducting junctions: Theory and experiment. <i>Physical Review B</i> , 2015, 91, .	3.2	26
115	Influence of Magnetic Field on Tunneling Conductance in Normal Metal/ dx <sup>2</sup> -y <sup>2</sup> -Wave Superconductor Junctions. <i>Journal of the Physical Society of Japan</i> , 2002, 71, 271-277.	1.6	25
116	Evolution of Edge States and Critical Phenomena in the Rashba Superconductor with Magnetization. <i>Physical Review Letters</i> , 2012, 108, 087003.	7.8	25
117	Microscopic Theory of Tunneling Spectroscopy in Sr <sub>2</sub> RuO <sub>4</sub> . <i>Journal of the Physical Society of Japan</i> , 2014, 83, 074706.	1.6	25
118	Surface electronic state of superconducting topological crystalline insulator. <i>Physical Review B</i> , 2015, 92, .	3.2	25
119	Superconductivity of the Kronig-Penney model. <i>Physical Review B</i> , 1989, 40, 4482-4493.	3.2	24
120	Theory of the superconducting proximity effect near the critical temperature. <i>Physical Review B</i> , 1988, 37, 5087-5094.	3.2	23
121	Tunneling spectroscopy of topological superconductors. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2014, 55, 25-29.	2.7	23
122	Influence of the impurity scattering on charge transport in unconventional superconductor junctions. <i>Physical Review B</i> , 2016, 94, .	3.2	23
123	Tunneling Conductance and Spatial Dependences of Pair Potentials in Normal Metal-Triplet Superconductor Junctions. <i>Journal of the Physical Society of Japan</i> , 1999, 68, 2019-2025.	1.6	22
124	Correlation between specular Andreev reflection and zero-energy states in normal-metal/d-wave-superconductor junctions. <i>Physical Review B</i> , 2002, 65, .	3.2	22
125	Tunneling between Two Helical Superconductors via Majorana Edge Channels. <i>Physical Review Letters</i> , 2010, 105, 056402.	7.8	22
126	Theory of Tunneling Spectroscopy of Multi-Band Superconductors. <i>Journal of the Physical Society of Japan</i> , 2013, 82, 034716.	1.6	22



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127	Consequences of bulk odd-frequency superconducting states for the classification of Cooper pairs. Physical Review B, 2014, 90, .	3.2	22
128	Quasi-Classical Theory of Tunneling Spectroscopy in Superconducting Topological Insulator. Journal of the Physical Society of Japan, 2014, 83, 064705.	1.6	21
129	Anomalous Josephson effect in $d$ -wave superconductor junctions on a topological insulator surface. Physical Review B, 2015, 92, .	3.2	21
130	Theory of surface Andreev bound states and tunneling spectroscopy in three-dimensional chiral superconductors. Physical Review B, 2017, 95, .	3.2	21
131	Current fluctuations in unconventional superconductor junctions with impurity scattering. Physical Review B, 2017, 95, .	3.2	21
132	Theory of superconducting proximity effect in a three-dimensional system in the clean limit. Physical Review B, 1990, 42, 2066-2074.	3.2	20
133	Theory of Fulde-Ferrell-Larkin-Ovchinnikov State of Superconductors with and without Inversion Symmetry: Hubbard Model Approach. Journal of the Physical Society of Japan, 2008, 77, 064711.	1.6	20
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	Theory of tunneling spectroscopy for chiral topological superconductors. Physical Review B, 2012, 86, .	3.2	19
136	All-electrical generation and control of odd-frequency $s$ -wave Cooper pairs in double quantum dots. Physical Review B, 2016, 93, .	3.2	19
137	Spin liquids from Majorana zero modes in a Cooper-pair box. Physical Review B, 2019, 99, .	3.2	19
138	Green's-function theory of the superconducting proximity effect. Physical Review B, 1988, 37, 5095-5106.	3.2	18
139	Anomalous Josephson current in superconducting topological insulator. Physical Review B, 2013, 87, .	3.2	18
140	Anisotropic Magnetic Responses of Topological Crystalline Superconductors. Crystals, 2017, 7, 58.	2.2	18
141	Majorana Multipole Response of Topological Superconductors. Physical Review Letters, 2019, 123, 097002.	7.8	18
142	Platform of chiral Majorana edge modes and its quantum transport phenomena. Communications Physics, 2019, 2, .	5.3	18
143	Tunneling Conductance in Normal Metal-High-TC Cuprate Junctions in the Presence of Magnetic Field. Journal of the Physical Society of Japan, 2002, 71, 2005-2009.	1.6	17
144	Chirality Sensitive Effect on Surface States in Chiral-Wave Superconductors. Physical Review Letters, 2008, 100, 177002.	7.8	17

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145	Inversion symmetry of Josephson current as test of chiral domain wall motion in $Sr_2RuO_4$ . Physical Review B, 2015, 92, .	3.2	17
146	Study on Greenâ€™s function on topological insulator surface. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20150246.	3.4	17
147	Theory of Tunneling Spectroscopy in the Larkin-Ovchinnikov State. Physical Review Letters, 2007, 98, 077001.	7.8	16
148	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
149	Theory of edge states in a quantum anomalous Hall insulator/spin-singlets-wave superconductor hybrid system. Physical Review B, 2011, 83, .	3.2	16
150	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
151	Effect of Fermi surface evolution on superconducting gap in superconducting topological insulator. Superconductor Science and Technology, 2014, 27, 104002.	3.5	16
152	Split of zero-bias conductance peak in normal-metal/d-wave superconductor junctions. Physical Review B, 2004, 69, .	3.2	15
153	Theory of superconducting $i$ -qubit with a ferromagnetic insulator. Physica C: Superconductivity and Its Applications, 2006, 437-438, 136-139.	1.2	15
154	Transport phenomena in a three-dimensional system close to the magnetic quantum critical point: The conserving approximation with current vertex corrections. Physical Review B, 2006, 73, .	3.2	15
155	Electromagnetic effects induced by a time-dependent axion field. Physical Review B, 2018, 97, .	3.2	15
156	Tunneling spectroscopy of mesoscopic charge density wave systems. Solid State Communications, 1996, 100, 37-41.	1.9	14
157	SCANNING TUNNELLING SPECTROSCOPY OF $YBa_2Cu_3O_{7-x}$ THIN FILMS. Journal of Physics and Chemistry of Solids, 1998, 59, 2081-2084.	4.0	14
158	Theory of charge transport in ferromagnetic semiconductor/ $s$ -wave superconductor junction. Physical Review B, 2009, 80, .	3.2	14
159	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
160	Spin-charge transport driven by magnetization dynamics on the disordered surface of doped topological insulators. Physical Review B, 2015, 92, .	3.2	14
161	Tunneling spectroscopy and Josephson current of superconductor-ferromagnet hybrids on the surface of a 3D TI. Superconductor Science and Technology, 2015, 28, 105001.	3.5	14
162	Theory of Superconducting Quantum Dot under Magnetic Field. Japanese Journal of Applied Physics, 1995, 34, 4566-4568.	1.5	13

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163	Josephson effect in unconventional superconductor/Luttinger liquid/unconventional superconductor junctions. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 336, 107-122.	1.2	13
164	Theory of macroscopic quantum tunnelling and dissipation in high-T <sub>c</sub> Josephson junctions. <i>Superconductor Science and Technology</i> , 2007, 20, S6-S9.	3.5	13
165	Quantum transport in a normal metal/odd-frequency superconductor junction. <i>Physical Review B</i> , 2008, 77, .	3.2	13
166	Symmetry of superconducting pairing state in a staggered field. <i>Physical Review B</i> , 2012, 85, .	3.2	13
167	Josephson effect in a multiorbital model for $\text{Sr}^{2+}$ <i>Physical Review B</i> , 2017, 95, .	3.2	13
168	Josephson effect in $d_{x^2 - y^2}$ -wave superconductors. <i>Journal of Physics and Chemistry of Solids</i> , 1995, 56, 1761-1762.	4.0	12
169	Spin-polarized proximity effect in superconducting junctions. <i>Comptes Rendus Physique</i> , 2006, 7, 136-149.	0.9	12
170	Tunneling and Josephson effects in odd-frequency superconductor junctions: A study on multichannel Kondo chain. <i>Physical Review B</i> , 2016, 93, .	3.2	12
171	Theory of the proximity effect in two-dimensional unconventional superconductors with Rashba spin-orbit interaction. <i>Physical Review B</i> , 2019, 99, .	3.2	12
172	Quasiparticle distribution in a superconductor-normal-material-superconductor junction in the clean limit. <i>Physical Review B</i> , 1993, 47, 287-294.	3.2	11
173	Theory of tunneling conductance in quantum-wire/unconventional superconductor junctions. <i>Physica C: Superconductivity and Its Applications</i> , 2001, 357-360, 1588-1591.	1.2	11
174	Possible Odd-Frequency Pairing in Quasi-One-Dimensional Organic Superconductors (TMTSF) <sub>2</sub> X. <i>Journal of the Physical Society of Japan</i> , 2013, 82, 104702.	1.6	11
175	Theory of tunneling conductance of anomalous Rashba metal/superconductor junctions. <i>Physical Review B</i> , 2015, 92, .	3.2	11
176	Spin-orbital hallmarks of unconventional superconductors without inversion symmetry. <i>Physical Review B</i> , 2019, 100, .	3.2	11
177	Odd-frequency pairing and proximity effect in Kitaev chain systems including a topological critical point. <i>Physical Review B</i> , 2020, 101, .	3.2	11
178	Acoustic plasma wave in a quantum-size cylindrical electron-hole plasma. <i>Physical Review B</i> , 1995, 52, 4677-4679.	3.2	10
179	Quasiparticle dissipation in the measurement process of phase qubit using high- $T_c$ superconductors. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2005, 29, 669-673.	2.7	10
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