Yasuhiro Asano

List of Publications by Year
in descending order

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206	3,337	156536	198040
papers	citations	32 h-index	52 g-index

212	212	212	1298
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Odd-parity pairing correlations in a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>d</mml:mi></mml:math> -wave superconductor. Physical Review B, 2021, 103, .	1.1	1
2	Josephson effect of superconductors with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>J</mml:mi><mml:mo>=</mml:mo><mml:mfrac><mml:mn electrons. Physical Review B, 2021, 103, .	1.1	3
3	Strong anomalous proximity effect from spin-singlet superconductors. Physical Review B, 2021, 104, .	1.1	1
4	Quasiparticle on Bogoliubov Fermi Surface and Odd-Frequency Cooper Pair. Journal of the Physical Society of Japan, 2021, 90, 104708.	0.7	6
5	Andreev Reflection. SpringerBriefs in Physics, 2021, , 39-57.	0.2	1
6	Superconductivity in Cu-doped Bi2Se3 with potential disorder. Physical Review B, 2020, 102, .	1.1	6
7	Josephson effect in two-band superconductors. Physical Review B, 2020, 101, .	1.1	8
8	Nodal Andreev spectra in multi-Majorana three-terminal Josephson junctions. Physical Review B, 2020, 101, .	1.1	12
9	Identification of spin-triplet superconductivity through a helical-chiral phase transition in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml thin films. Physical Review B, 2020, 101, .	1.1	5
10	Quasiparticle Spectrum in Mesoscopic Superconducting Junctions with Weak Magnetization. , 2020, , .		1
11	Unusual Superconducting Proximity Effect in Magnetically Doped Topological Josephson Junctions. Journal of the Physical Society of Japan, 2020, 89, 034702.	0.7	6
12	Effects of phase coherence on local density of states in superconducting proximity structures. Physical Review B, 2019, 100, .	1.1	7
13	Anomalous Nonlocal Conductance as a Fingerprint of Chiral Majorana Edge States. Physical Review Letters, 2019, 123, 207002.	2.9	6
14	Proximity effect in a ferromagnetic semiconductor with spin-orbit interactions. Physical Review B, 2019, 100, .	1.1	4
15	Charge Transport in Unconventional Superconductor Junctions. Springer Series in Materials Science, 2019, , 117-145.	0.4	0
16	Minimal Conductance Quantization in a Normal-Metal/Unconventional-Superconductor Junction. Journal of Low Temperature Physics, 2018, 191, 96-104.	0.6	0
17	Symmetry conditions of a nodal superconductor for generating robust flat-band Andreev bound states at its dirty surface. Physical Review B, 2018, 97, .	1.1	8
18	Dirty two-band superconductivity with interband pairing order. New Journal of Physics, 2018, 20, 043020.	1.2	9

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19	Index theorem for the flat Andreev bound states at a dirty surface of a nodal superconductor. Journal of Physics: Conference Series, 2018, 969, 012079.	0.3	0
20	Local impedance on a rough surface of a chiral <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi></mml:math> -wave superconductor. Physical Review B, 2018, 98, .	1.1	8
21	Green's-function theory of dirty two-band superconductivity. Physical Review B, 2018, 97, .	1.1	10
22	Josephson effect in a multiorbital model for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi></mml:mi></mml:mrow></mml:math> Physical Review B, 2017, 95, .	1.1	13
23	Stability of flat zero-energy states at the dirty surface of a nodal superconductor. Physical Review B, 2017, 95, .	1.1	10
24	Tunable- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Ït</mml:mi></mml:math> Josephson junction with a quantum anomalous Hall insulator. Physical Review B, 2017, 96, .	1.1	8
25	Current inversion in a chirald-wave superconductor due to surface roughness. Journal of Physics: Conference Series, 2017, 807, 102001.	0.3	2
26	Edge current in a small chiral superconductor. Proceedings of SPIE, 2016, , .	0.8	0
27	Spontaneous edge current in a small chiral superconductor with a rough surface. Physical Review B, 2016, 94, .	1.1	35
28	Influence of the impurity scattering on charge transport in unconventional superconductor junctions. Physical Review B, 2016, 94, .	1.1	23
29	Degeneracy of Majorana bound states and fractional Josephson effect in a dirty SNS junction. Journal of Physics Condensed Matter, 2016, 28, 375702.	0.7	11
30	All-electrical generation and control of odd-frequency<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>s</mml:mi></mml:math>-wave Cooper pairs in double quantum dots. Physical Review B, 2016, 93, .	1.1	19
31	Quantization of conductance minimum and index theorem. Physical Review B, 2016, 94, .	1.1	29
32	Odd-frequency superconducting states with different types of Meissner response: Problem of coexistence. Physical Review B, 2015, 91, .	1.1	57
33	Effects of surface roughness on the paramagnetic response of small unconventional superconductors. Physical Review B, 2015, 91, .	1.1	36
34	Inversion symmetry of Josephson current as test of chiral domain wall motion in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi></mml:mi></mml:mrow></mml:math> Physical Review B, 2015, 92, .	1.1	17
35	Optical observation of superconducting density of states in luminescence spectra of InAs quantum dots. Physical Review B, 2015, 92, .	1.1	7
36	Odd-frequency Cooper pairs in two-band superconductors and their magnetic response. Physical Review B, 2015, 92, .	1.1	48

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37	Time-resolved measurements of Cooper-pair radiative recombination in InAs quantum dots. Journal of Applied Physics, 2015, 118, 073102.	1.1	1
38	Anomalous proximity effect and theoretical design for its realization. Physical Review B, 2015, 91, .	1.1	27
39	Observability of surface Andreev bound states in a topological insulator in proximity to ans-wave superconductor. Journal of Physics Condensed Matter, 2015, 27, 315701.	0.7	20
40	Superconducting Light-Emitting Diodes. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 1-11.	1.9	9
41	Consequences of bulk odd-frequency superconducting states for the classification of Cooper pairs. Physical Review B, 2014, 90, .	1.1	22
42	Three-dimensional symmetry-breaking nontrivial topological states. Physical Review B, 2014, 89, .	1.1	5
43	Andreev Reflection in Weyl Semimetals. Journal of the Physical Society of Japan, 2014, 83, 064711.	0.7	29
44	Paramagnetic instability of small topological superconductors. Physical Review B, 2014, 89, .	1.1	53
45	Bulk-boundary correspondence in Josephson junctions. Physica E: Low-Dimensional Systems and Nanostructures, 2014, 55, 48-54.	1.3	2
46	Charge and spin supercurrents in triplet superconductor-ferromagnet-singlet superconductor Josephson junctions. Physical Review B, 2013, 88, .	1.1	24
47	Majorana fermions and odd-frequency Cooper pairs in a normal-metal nanowire proximity-coupled to a topological superconductor. Physical Review B, 2013, 87, .	1.1	114
48	Robustness of Spin-Triplet Pairing and Singletâ€“Triplet Pairing Crossover in Superconductor/Ferromagnet Hybrids. Journal of the Physical Society of Japan, 2013, 82, 124702.	0.7	28
49	Robustness of gapless interface states in a junction of two topological insulators. Physical Review B, 2013, 88, .	1.1	8
50	Gapped Energy Spectra around the Dirac Node at the Surface of a Three-Dimensional Topological Insulator in the Presence of the Time-Reversal Symmetry. Journal of the Physical Society of Japan, 2013, 82, 064704.	0.7	1
51	Interface metallic states between a topological insulator and a ferromagnetic insulator. Physical Review B, 2012, 85, .	1.1	15
52	Anomalous surface impedance in a normal-metal/superconductor junction with a spin-active interface. Physical Review B, 2012, 86, .	1.1	7
53	Zero-bias conductance quantization in a normal / superconducting junction of nano wire. Journal of Physics: Conference Series, 2012, 393, 012015.	0.3	0
54	Photon-pair generation based on superconductivity. IEICE Electronics Express, 2012, 9, 1184-1200.	0.3	4

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55	Spectrum of Andreev bound states in Josephson junctions with a ferromagnetic insulator. Journal of Magnetism and Magnetic Materials, 2012, 324, 3467-3470.	1.0	8
56	Cooper-Pair Radiative Recombination in Semiconductor Heterostructures: Impact on Quantum Optics and Optoelectronics. Japanese Journal of Applied Physics, 2012, 51, 010114.	0.8	3
57	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.	0.8	3
58	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.	0.8	1
59	Cooper-Pair Radiative Recombination in Semiconductor Heterostructures: Impact on Quantum Optics and Optoelectronics. Japanese Journal of Applied Physics, 2012, 51, 010114.	0.8	3
60	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.	2.9	81
61	Spin Josephson effect with a single superconductor. Physical Review B, 2011, 83, .	1.1	30
62	Tunneling Hamiltonian description of the atomic-scale 0â€“Ï€ transition in superconductor/ferromagnetic-insulator junctions. Physica C: Superconductivity and Its Applications, 2011, 471, 1199-1201.	0.6	0
63	Atomic scale <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0005.gif" overflow="scroll"><mml:mn>0</mml:mn><mml:mtext>â€“</mml:mtext><mml:mi mathvariant="normal">Ï€</mml:mi></mml:math> transition in a high-T superconductor/ferromagnetic-insulator/high-T superconductor Josephson junction. Physica E: Low-Dimensional Systems and Nanostructures, 2011, 43, 722-725.	1.3	3
64	Enhanced Photon Generation in a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Nb</mml:mi><mml:mo>/</mml:mo><mml:mi>n</mml:mi><mml:mo>â^’</mml:mo><mml:mi>InGaAs</mml:m Light Emitting Device. Physical Review Letters, 2011, 107, 157403.	2.9	4
65	Josephson effect in noncentrosymmetric superconductor junctions. Physical Review B, 2011, 84, .	1.1	18
66	Odd-Frequency Pairing in Superconducting Heterostructures. Nanoscience and Technology, 2011, , 117-131.	1.5	1
67	DC Current Driven Critical Current Variation in Sr2RuO4â€“Ru Junction Proved by Local Transport Measurements. Journal of the Physical Society of Japan, 2010, 79, 074708.	0.7	7
68	Theory of quantum transport in Josephson junctions with a ferromagnetic insulator. Low Temperature Physics, 2010, 36, 915-919.	0.2	7
69	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.	0.6	0
70	Fabrication and transport properties of Sr2RuO4 microdevices. Physica C: Superconductivity and Its Applications, 2010, 470, S736-S737.	0.6	4
71	Unconventional transport characteristics of p-wave superconducting junctions in Sr2RuO4â€“Ru eutectic system. Physica C: Superconductivity and Its Applications, 2010, 470, S685-S687.	0.6	1
72	Thermally induced 0â€“Ï€ phase transition in Josephson junctions through a ferromagnetic oxide film. Physica C: Superconductivity and Its Applications, 2010, 470, 1496-1498.	0.6	3

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73	Theory of Josephson transport through spintronics nano-structures. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 1010-1013.	1.3	9
74	Parity-violating current-voltage curves in a single domain of superconductors. Physica B: Condensed Matter, 2010, 405, S277-S278.	1.3	0
75	Josephson<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ï€</mml:mi></mml:math>State in a Ferromagnetic Insulator. Physical Review Letters, 2010, 104, 117002.	2.9	45
76	Tunneling between Two Helical Superconductors via Majorana Edge Channels. Physical Review Letters, 2010, 105, 056402.	2.9	22
77	A tunneling Hamiltonian theory of 0-Ï€ transition ind-wave superconductor/ferromagnetic-insulator heterostructures. Journal of Physics: Conference Series, 2010, 248, 012039.	0.3	0
78	A Cooper-Pair Light-Emitting Diode: Temperature Dependence of Both Quantum Efficiency and Radiative Recombination Lifetime. Applied Physics Express, 2010, 3, 054001.	1.1	21
79	Transport Properties in a Single Domain of Microscale Sr2RuO4Single Crystals. Japanese Journal of Applied Physics, 2010, 49, 020209.	0.8	4
80	Luminescence of a Cooper Pair. Physical Review Letters, 2009, 103, 187001.	2.9	41
81	NUMERICAL STUDY OF Ï€-JUNCTION USING SPIN FILTERING BARRIERS. International Journal of Modern Physics B, 2009, 23, 4320-4328.	1.0	3
82	Flat rotation curves in Chern-Simons modified gravity. EAS Publications Series, 2009, 36, 99-100.	0.3	0
83	Parity violation in a single domain of spin-triplet superconductors. Solid State Communications, 2009, 149, 1212-1215.	0.9	8
84	Effect of hybridization on the Josephson current through Eu-chalcogenides. Physica C: Superconductivity and Its Applications, 2009, 469, 1621-1623.	0.6	4
85	Chiral superconducting phase transition in 3-K phase of Sr2RuO4. Physica C: Superconductivity and Its Applications, 2009, 469, 1030-1033.	0.6	2
86	Midgap Andreev resonant state affected by superconducting proximity effect of high-T_ccuprate attached to diffusive normal metal. Journal of Physics: Conference Series, 2009, 150, 052236.	0.3	0
87	Effect of spin fluctuations on tunneling conductance in diffusive normal metal/conventional superconductor junctions. Journal of Physics: Conference Series, 2009, 150, 052235.	0.3	0
88	NUMERICAL STUDY OF Ï€-JUNCTION USING SPIN FILTERING BARRIERS. , 2009, , .		0
89	Quasiparticle density of states in a half metal in the presence of oddâ€frequency Cooper pairs. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 1023-1025.	0.8	3
90	Cooper pair transport and macroscopic quantum dynamics in Josephson junctions through ferromagnetic insulators. Physica C: Superconductivity and Its Applications, 2008, 468, 701-704.	0.6	9

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91	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.	1.9	3
92	Conductance in a T-shaped proximity structure of a p-wave superconductor. Journal of Physics and Chemistry of Solids, 2008, 69, 3211-3213.	1.9	0
93	Josephson current through a half metal at low temperatures. Journal of Physics and Chemistry of Solids, 2008, 69, 3247-3249.	1.9	6
94	Flat rotation curves in Chern-Simons modified gravity. Physical Review D, 2008, 78, .	1.6	30
95	Quantum transport in a normal metal/odd-frequency superconductor junction. Physical Review B, 2008, 77, .	1.1	13
96	Electron transport in a ferromagnet-superconductor junction on graphene. Physical Review B, 2008, 78, .	1.1	57
97	Shape of Cooper pairs in a normal-metal/superconductor junction. Physical Review B, 2008, 77, .	1.1	8
98	Anomalous Transport through thep-Wave Superconducting Channel in the 3-K Phase ofSr2RuO4. Physical Review Letters, 2008, 101, 267003.	2.9	42
99	INFLUENCE OF MAGNETIC IMPURITIES ON JOSEPHSON CURRENT IN SNS JUNCTIONS. , 2008, , .		0
100	Cooper pair shape and odd-frequency pairing in superconductor junctions. Journal of Physics: Conference Series, 2008, 129, 012030.	0.3	0
101	THRESHOLD TEMPERATURE OF ZERO-BIAS CONDUCTANCE PEAK AND ZERO-BIAS CONDUCTANCE DIP IN DIFFUSIVE NORMAL METAL / SUPERCONDUCTOR JUNCTIONS. , 2008, , .		0
102	QUANTUM DISSIPATION DUE TO THE ZERO ENERGY BOUND STATES IN HIGH-TC SUPERCONDUCTOR JUNCTIONS. , 2008, , .		0
103	THEORY OF PROXIMITY EFFECT IN UNCONVENTIONAL SUPERCONDUCTOR JUNCTIONS. , 2008, , .		0
104	LITTLE-PARKS OSCILLATIONS IN CHIRAL p-WAVE SUPERCONDUCTING RINGS. , 2008, , .		0
105	THEORY OF JOSEPHSON EFFECT IN DIFFUSIVE d-WAVE JUNCTIONS. , 2008, , .		0
106	JOSEPHSON Ï€-STATE DUE TO SPIN-ACTIVE JUNCTION INTERFACE. International Journal of Modern Physics B, 2007, 21, 3395-3397.	1.0	0
107	Theory of macroscopic quantum tunnelling and dissipation in high-TcJosephson junctions. Superconductor Science and Technology, 2007, 20, S6-S9.	1.8	13
108	Odd-frequency pairs and Josephson current through a strong ferromagnet. Physical Review B, 2007, 76, .	1.1	124

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109	Theory of Tunneling Spectroscopy in the Larkin-Ovchinnikov State. Physical Review Letters, 2007, 98, 077001.	2.9	16
110	Conductance Spectroscopy of Spin-Triplet Superconductors. Physical Review Letters, 2007, 99, 067005.	2.9	66
111	Josephson Effect due to Odd-Frequency Pairs in Diffusive Half Metals. Physical Review Letters, 2007, 98, 107002.	2.9	161
112	Andreev bound states in dirty unconventional superconductor junctions. Physica C: Superconductivity and Its Applications, 2007, 463-465, 14-18.	0.6	0
113	Temperature dependence of tunneling conductance in diffusive normal metal/triplet superconductor junctions. Physica C: Superconductivity and Its Applications, 2007, 460-462, 1319-1320.	0.6	0
114	Anomalous Josephson current by odd frequency Cooper pairs. Physica C: Superconductivity and Its Applications, 2007, 460-462, 1327-1328.	0.6	1
115	Josephson current through a diffusive half metal. Physica C: Superconductivity and Its Applications, 2007, 463-465, 19-22.	0.6	0
116	Wiedemannâ€“Franz Law in Diffusive Normal Metal/p-Wave Superconductor Junctions. , 2007, , 269-272.		0
117	Thermal Broadening Effect on the Tunneling Conductance in Diffusive Normal Metal / Superconductor Junctions. AIP Conference Proceedings, 2006, , .	0.3	0
118	Spin current in spin-triplet superconducting nanostructures. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 1279-1282.	0.8	1
119	Theory of charge transport in high-TC superconductor junctions from the view point of the mid gap Andreev resonant state. Physica C: Superconductivity and Its Applications, 2006, 435, 1-7.	0.6	0
120	Theory of superconducting Ï€-qubit with a ferromagnetic insulator. Physica C: Superconductivity and Its Applications, 2006, 437-438, 136-139.	0.6	15
121	Electronic structures and NMR in mml:math altimg="si2.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x	0.6	0
122	Josephson current between p-wave superconductors. Physica C: Superconductivity and Its Applications, 2006, 445-448, 963-966.	0.6	0
123	Theory of macroscopic quantum tunneling in high-Tc cuprate. Physica C: Superconductivity and Its Applications, 2006, 437-438, 140-144.	0.6	2
124	Josephson effect in p wave superconductors through dirty normal metals. Journal of Physics and Chemistry of Solids, 2006, 67, 91-94.	1.9	1
125	Proximity effect in dirty normal metals attachedto p and d wave superconductors. Journal of Physics and Chemistry of Solids, 2006, 67, 77-80.	1.9	0
126	Zeeman magnetic field responses of d-wave superconductors observed by tunneling spectroscopy. Journal of Physics and Chemistry of Solids, 2006, 67, 350-352.	1.9	1

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127	Tunneling study based on the circuit theory in d-wave superconductors. Journal of Physics and Chemistry of Solids, 2006, 67, 175-177.	1.9	0
128	Theoretical study of magneto-tunneling spectroscopy in high-Tc superconductors. Journal of Physics and Chemistry of Solids, 2006, 67, 178-181.	1.9	0
129	Tunneling spectra of high-Tc superconductors with d density wave order. Journal of Physics and Chemistry of Solids, 2006, 67, 186-188.	1.9	1
130	Theory of charge transport in diffusive normal metal/unconventional superconductor junctions. Journal of Physics and Chemistry of Solids, 2006, 67, 108-111.	1.9	0
131	Smearing origin of zero-bias conductance peak in Ag-SiO-Bi2Sr2CaCu2O8+Î´ planar tunnel junctions: influence of diffusive normal metal verified with the circuit theory. European Physical Journal B, 2006, 54, 141-149.	0.6	3
132	Theory of charge transport in diffusive normal metal/conventional superconductor point contacts in the presence of magnetic impurity. Journal of Physics and Chemistry of Solids, 2006, 67, 68-71.	1.9	2
133	Macroscopic quantum tunneling and dissipation in c-axis twist Josephson junctions. Journal of Physics and Chemistry of Solids, 2006, 67, 120-122.	1.9	3
134	Josephson spin current in triplet superconductor junctions. Physical Review B, 2006, 74, .	1.1	41
135	Nonmonotonic temperature dependence of critical current in diffusived-wave junctions. Physical Review B, 2006, 73, .	1.1	14
136	Effect of the Vortices on the Nuclear Spin Relaxation Rate in the Unconventional Pairing States of the Organic Superconductor(TMTSF)2PF6. Physical Review Letters, 2006, 97, 187002.	2.9	7
137	Anomalous Josephson Effect inp-Wave Dirty Junctions. Physical Review Letters, 2006, 96, 097007.	2.9	97
138	Josephson current through superconductor/diffusive-normal-metal/superconductor junctions: Interference effects governed by pairing symmetry. Physical Review B, 2006, 74, .	1.1	26
139	Macroscopic quantum dynamics ofÎ€junctions with ferromagnetic insulators. Physical Review B, 2006, 74, .	1.1	44
140	SPIN CURRENT IN TOPOLOGICAL CRISTALS. , 2006, , .		0
141	SQUID OF A RUTHENATE SUPERCONDUCTOR. , 2006, , .		0
142	A NUMERICAL STUDY OF JOSEPHSON CURRENT IN P WAVE SUPERCONDUCTING JUNCTIONS. , 2005, , .		0
143	Tunneling effect of chiral triplet superconductors. Journal of Physics and Chemistry of Solids, 2005, 66, 1405-1408.	1.9	2
144	Meissner effect in diffusive normal metal/superconductor junctions. Physica C: Superconductivity and Its Applications, 2005, 426-431, 262-267.	0.6	0

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145	Charge transport in the normal metal/diffusive ferromagnet/s-wave superconductor junctions. Physica E: Low-Dimensional Systems and Nanostructures, 2005, 29, 520-524.	1.3	1
146	Quasiparticle dissipation in the measurement process of phase qubit using high- superconductors. Physica E: Low-Dimensional Systems and Nanostructures, 2005, 29, 669-673.	1.3	10
147	Wiedemannâ€“Franz law in proximity bilayers. Journal of Physics and Chemistry of Solids, 2005, 66, 1398-1400.	1.9	0
148	Meissner effect in diffusive normal metal/d-wave superconductor junctions. Journal of Physics and Chemistry of Solids, 2005, 66, 1395-1397.	1.9	0
149	Influence of magnetic impurities on charge transport in diffusive-normal-metal/superconductor junctions. Physical Review B, 2005, 71, .	1.1	19
150	Effect of zero-energy bound states on macroscopic quantum tunneling in high-Tcsuperconductor junctions. Physical Review B, 2005, 72, .	1.1	47
151	Josephson interferometer in a ring topology as a proof of the symmetry ofSr2RuO4. Physical Review B, 2005, 71, .	1.1	43
152	Theory of thermal and charge transport in diffusive normal metal/superconductor junctions. Physical Review B, 2005, 72, .	1.1	11
153	Anomalous features of the proximity effect in triplet superconductors. Physical Review B, 2005, 72, .	1.1	115
154	Spin current inp-wave superconducting rings. Physical Review B, 2005, 72, .	1.1	37
155	MACROSCOPIC QUANTUM TUNNELING IN D-WAVE SUPERCONDUCTOR JOSEPHSON. , 2005, , .		0
156	CIRCUIT THEORY ANALYSIS OF AB-PLANE TUNNEL JUNCTIONS OF UNCONVENTIONAL SUPERCONDUCTOR BI2SR2CACU2O8+Î´. , 2005, , .		0
157	Macroscopic quantum tunneling and quasiparticle dissipation ind-wave superconductor Josephson junctions. Physical Review B, 2004, 70, .	1.1	69
158	Phenomenological theory of zero-energy Andreev resonant states. Physical Review B, 2004, 69, .	1.1	85
159	Split of zero-bias conductance peak in normal-metal/d-wave superconductor junctions. Physical Review B, 2004, 69, .	1.1	15
160	Quasi-particle Dissipation in d-wave Superconductor Phase Qubit. AIP Conference Proceedings, 2004, , .	0.3	0
161	Josephson effect in quasi one-dimensional superconductors (TMTSF)2X. Physica C: Superconductivity and Its Applications, 2004, 412-414, 212-216.	0.6	4
162	Tunneling effect in triangular lattice superconductor NaxCoO2. Physica C: Superconductivity and Its Applications, 2004, 412-414, 187-191.	0.6	0

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163	Magnetic levitation in liquid oxygen and its applications. Physica C: Superconductivity and Its Applications, 2004, 412-414, 739-743.	0.6	7
164	Zero-bias peak in tunneling spectra of high-Tc superconductors and its splitting. Physica C: Superconductivity and Its Applications, 2004, 412-414, 157-161.	0.6	0
165	Conductance in normal-metal/PrOs4Sb12. Physica C: Superconductivity and Its Applications, 2004, 412-414, 235-239.	0.6	0
166	Josephson Effect in Quasi One-dimensional Unconventional Superconductors. Journal of the Physical Society of Japan, 2004, 73, 1922-1930.	0.7	4
167	Impurity scattering effect on charge transport in high-Tc cuprate junctions. Low Temperature Physics, 2004, 30, 579-590.	0.2	0
168	Charge Transport in Unconventional Superconductor Junctions. Journal of Low Temperature Physics, 2003, 131, 461-470.	0.6	0
169	Doping Dependence of Superconducting Energy Gap of NCCO Observed by Tunneling Spectroscopy. Journal of Low Temperature Physics, 2003, 131, 327-330.	0.6	3
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