Takenori Fujii

List of Publications by Year
in descending order

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90	2,687	304743 22	182427 51
papers	citations	h-index	g-index

90	90	90	2762
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Revised phase diagram of the high- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:ma cuprate superconductor Pb-doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:mm mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>8</mml:mn>. Physical Review B, 2022, 105, .	3.2	3
2	Thermal Property Measurements of Al-Alloy for Space Cryogenic Missions. IOP Conference Series: Materials Science and Engineering, 2022, 1241, 012013.	0.6	0
3	Demonstration of a thermoelectric device using electric double-layer gating: Simultaneous control of the thermoelectric properties of p-type and n-type carbon nanotubes. Journal of Applied Physics, 2021, 129, .	2.5	3
4	Experimental Observation of Long-Range Magnetic Order in Icosahedral Quasicrystals. Journal of the American Chemical Society, 2021, 143, 19938-19944.	13.7	46
5	Cu 2p-1s x-ray emission spectroscopy of mineral tetrahedrite Cu12Sb4S13. Radiation Physics and Chemistry, 2020, 175, 108148.	2.8	2
6	Investigation of charge interaction between fullerene derivatives and singleâ€walled carbon nanotubes. InformaÄnÃ-MateriÃ¡ly, 2019, 1, 559-570.	17.3	17
7	Single crystal growth of bulk InGaZnO₄ and analysis of its intrinsic transport properties. CrystEngComm, 2019, 21, 2985-2993.	2.6	11
8	Antiferromagnetic order survives in the higher-order quasicrystal approximant. Physical Review B, 2019, 100, .	3.2	22
9	4He permeation and H2O uptake of cyanate ester resins â€" an alternative to commonly used epoxy resins at low temperature. Journal of Physics: Conference Series, 2018, 969, 012080.	0.4	1
10	Antiferromagnetic order is possible in ternary quasicrystal approximants. Physical Review B, 2018, 98, .	3.2	38
11	Specific heat, thermal conductivity, and magnetic susceptibility of cyanate ester resins â€“ An alternative to commonly used epoxy resins. Cryogenics, 2018, 95, 76-81.	1.7	21
12	Low temperature transport properties of pyrolytic graphite sheet. Cryogenics, 2017, 86, 118-122.	1.7	15
13	Trade-off studies on LiteBIRD reflectors. , 2017, , .		1
14	Composition-driven spin glass to ferromagnetic transition in the quasicrystal approximant Au-Al-Gd. Physical Review B, 2016, 93, .	3.2	34
15	Measurement of the thermopower anisotropy in iron arsenide. Physica C: Superconductivity and Its Applications, 2016, 530, 31-34.	1.2	1
16	Optical designing of LiteBIRD. , 2016, , .		4
17	Single-crystal Growth of Underdoped Bi-2223. Physics Procedia, 2015, 65, 53-56.	1.2	5
18	Thermal Property Measurements of Critical Materials for SPICA Payload Module. Physics Procedia, 2015, 67, 270-275.	1.2	8

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19	Simultaneous control of thermoelectric properties in p- and n-type materials by electric double-layer gating: New design for thermoelectric device. Applied Physics Express, 2015, 8, 051101.	2.4	5
20	Unscaling Superconducting Parameters with Tc for Bi-2212 and Bi-2223: A Magnetotransport Study in the Superconductive Fluctuation Regime. Journal of the Physical Society of Japan, 2015, 84, 024706.	1.6	10
21	Control of thermoelectric properties of ZnO using electric double-layer transistor structure. Japanese Journal of Applied Physics, 2014, 53, 111101.	1.5	12
22	Room-temperature proton transport and its effect on thermopower in a solid ionic semiconductor, TTFCOONH4. Journal of Materials Chemistry A, 2013, 1, 5089.	10.3	5
23	Superconductivity in the noncentrosymmetric half-Heusler compound LuPtBi: A candidate for topological superconductivity. Physical Review B, 2013, 87, .	3.2	135
24	Pressure Dependence of Nernst Effect for La2â^'xâ^'yNdySrxCuO4. Journal of Physics: Conference Series, 2012, 400, 022021.	0.4	0
25	Synthesis and Magnetic Properties of NiSe, NiTe, CoSe, and CoTe. Japanese Journal of Applied Physics, 2012, 51, 053001.	1.5	18
26	Three-dimensional electronic structure in highly doped Na CoO2 studied by angle-resolved photoemission spectroscopy. Journal of Physics and Chemistry of Solids, 2011, 72, 552-555.	4.0	0
27	Angle-resolved photoemission study of the doping evolution of a three-dimensional Fermi surface in Na_xCoO₂. New Journal of Physics, 2011, 13, 043021.	2.9	15
28	Control of carrier concentration in Bi-2212. Physica C: Superconductivity and Its Applications, 2010, 470, S170-S172.	1.2	6
29	STM/STS study of electronic states in highly underdoped Bi2212. Physica C: Superconductivity and Its Applications, 2010, 470, S173-S175.	1.2	1
30	Effect of stripe order strength for the Nernst effect in La2-xSrxCuO4 single crystals. Physica C: Superconductivity and Its Applications, 2010, 470, S21-S22.	1.2	6
31	In-plane thermoelectric properties of heavily underdoped high-temperature superconductor Bi₂Sr₂CaCu₂O_{8+Î´}. Superconductor Science and Technology, 2010, 23, 065018.	3.5	5
32	Field cooling memory effect in Bi2212 and Bi2223 single crystals. Superconductor Science and Technology, 2010, 23, 075001.	3.5	3
33	Evidence for transition of Fermi-surface topology in highly doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Na</mml:mtext></mml:mrow><mml:mi>x</mml:mi></mml:msub> Physical Review B, 2010, 81, .	3.2	7
34	Evolution of electronic structure from insulator to superconductor inBi2Sr2â^'xLax(Ca,Y)Cu2O8+Î´. Physical Review B, 2010, 81, .	3.2	8
35	Out-of-plane thermopower of strongly correlated layered systems: An application to<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Bi</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:ms Physical Review B, 2009, 79, .	3.2	12
36	Spin fluctuations in the antiferromagnetic metal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Nb</mml:mtext></mml:mrow><mml:mrow><mml:mn>12</mml:m Physical Review B, 2009, 80, .	3.2	15

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37	Reconstruction of the Fermi surface and the anisotropic excitation gap of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Na</mml:mtext></mml:mrow><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>CoO2 superconductivity. Physical Review B, 2009, 80, .	3.2	2
38	High-Tc superconductor near the Sâ€“I transition. Physica C: Superconductivity and Its Applications, 2009, 469, 1016-1019.	1.2	1
39	Experimental Presentation of Microwave Absorption dueÂtoÂShakingÂof JV by AC Magnetic Field in Bi2212 and Bi2223. Journal of Superconductivity and Novel Magnetism, 2009, 22, 387-399.	1.8	4
40	Soft X-ray Absorption and Photoemission Spectroscopy Study of Cobalt-Based Thermoelectric Oxides: $$hbox{Ca}_3hbox{Co}_4hbox{O}_9$$, $$hbox{Ca}_3hbox{Co}_2hbox{O}_6$$, and $$hbox{Bi}_{2}hbox{Sr}_{2}hbox{Co}_2hbox{O}_{y}$$. Journal of Electronic Materials, 2009, 38, 1127-1131.	2.2	0
41	A momentum-dependent perspective on quasiparticle interference in Bi2Sr2CaCu2O8+Î´. Nature Physics, 2009, 5, 718-721.	16.7	47
42	Static magnetic order and anisotropy of the layered cobalt dioxides and. Physica B: Condensed Matter, 2009, 404, 773-776.	2.7	1
43	Electronic and magnetic properties of novel layered cobalt dioxides A x CoO2 with AÂ=ÂLi, Na, and K. Journal of Materials Science: Materials in Electronics, 2008, 19, 883-893.	2.2	4
44	Universal character of CoO2 plane studied by high-resolution angle-resolved photoemission. Physica B: Condensed Matter, 2008, 403, 1086-1088.	2.7	1
45	ComparativeÎ¼+SRinvestigation of static magnetic order and anisotropy of the pure and Pb-dopedBi2Sr2Co2Oylayered cobalt dioxides. Physical Review B, 2008, 78, .	3.2	5
46	Polarization-Dependent Soft X-ray Absorption Spectroscopy Study of Layered Thermoelectric Cobalt Oxide: Bi2-xPbxSr2Co2O8+??. Journal of the Korean Physical Society, 2008, 53, 1010-1013.	0.7	1
47	Fermi Surface and Band Dispersions of MxCoO2 (M: Na, K, and Rb) Studied by Angle-Resolved Photoemission Spectroscopy. Journal of the Physical Society of Japan, 2007, 76, 054704.	1.6	9
48	Crossover Behavior of the Anomalous Hall Effect and Anomalous Nernst Effect in Itinerant Ferromagnets. Physical Review Letters, 2007, 99, 086602.	7.8	424
49	Interaction of AC magnetic field with Josephson vortices in high anisotropy superconductors Bi2212 and Bi2223. Physica C: Superconductivity and Its Applications, 2007, 460-462, 1238-1240.	1.2	0
50	Anomalous Hall effect and Nernst effect in itinerant ferromagnets. Journal of Magnetism and Magnetic Materials, 2007, 310, 1053-1055.	2.3	1
51	Anomalous Hall effect and Nernst effect in itinerant ferromagnets. Journal of Magnetism and Magnetic Materials, 2007, 310, 2000-2002.	2.3	6
52	Electronic structure of MxCoO2 (M: Na, K, and Rb) studied by high-resolution angle-resolved photoemission spectroscopy. Physica C: Superconductivity and Its Applications, 2007, 463-465, 149-151.	1.2	1
53	Many-body interactions in Bi-based high-Tc cuprates studied by angle-resolved photoemission spectroscopy. Journal of Physics and Chemistry of Solids, 2006, 67, 628-631.	4.0	0
54	Distinct Fermi-Momentum-Dependent Energy Gaps in Deeply Underdoped Bi2212. Science, 2006, 314, 1910-1913.	12.6	337

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55	Static Magnetic Order in MetallicK0.49CoO2. Physical Review Letters, 2006, 96, 037206.	7.8	22
56	Electronic structure of single-crystalline thermoelectricBi2â^'xPbxSr2Co2Oy(x=0,0.6)from photoemission and x-ray absorption. Physical Review B, 2006, 74, .	3.2	12
57	Out-of-plane thermal conductivity of the layered thermoelectric oxideBi2â^'xPbxSr2Co2Oy. Physical Review B, 2004, 70, .	3.2	40
58	Oxygen nonstoichiometry and cobalt valence in misfit-layered cobalt oxides. Journal of Solid State Chemistry, 2004, 177, 3149-3155.	2.9	62
59	Thermopower anisotropy of lightly-doped and optimally-doped Bi2Sr2â^'xLaxCaCu2O8+Î´ single crystals. Physica C: Superconductivity and Its Applications, 2004, 408-410, 674-676.	1.2	2
60	Spectral evidence for Bogoliubov quasiparticle in triple-layered high-Tc superconductor Bi2Sr2Ca2Cu3O10. Physica C: Superconductivity and Its Applications, 2004, 408-410, 814-815.	1.2	1
61	Magnetic interaction in hole-doped high-Tc superconductors observed by angle-resolved photoemission spectroscopy. Physica C: Superconductivity and Its Applications, 2004, 412-414, 51-58.	1.2	1
62	Fermi surface, superconducting gap, and many-body effects in Bi2Sr2Canâ^'1CunO2n+4 (n=1â€“3). Physica C: Superconductivity and Its Applications, 2004, 408-410, 812-813.	1.2	0
63	Thermal conductivity of the thermoelectric layered cobalt oxides measured by the Harman method. Journal of Applied Physics, 2004, 96, 931-933.	2.5	80
64	Superconducting gap and pseudogap in Bi2Sr2Ca2Cu3O10+Î´ by short-pulse interlayer tunneling spectroscopy. Physica C: Superconductivity and Its Applications, 2003, 388-389, 285-286.	1.2	0
65	Gap inhomogeneity, phase separation and a pseudogap in Bi2Sr2CaCu2O8+Î´. Physica C: Superconductivity and Its Applications, 2003, 388-389, 207-208.	1.2	32
66	Direct evidence for superconducting quasiparticle in triple-layered high-Tc superconductor. Physica C: Superconductivity and Its Applications, 2003, 388-389, 305-306.	1.2	0
67	Transport properties of Bi2Sr2â^'xLaxCaCu2O8+Î´ single crystals grown by a floating-zone method. Physica C: Superconductivity and Its Applications, 2003, 392-396, 238-242.	1.2	4
68	BCS-Like Bogoliubov Quasiparticles in High-TcSuperconductors Observed by Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2003, 90, 217002.	7.8	146
69	Systematics of electronic structure and interactions inBi2Sr2Canâ^'1CunO2n+4(n=1â€“3)by angle-resolved photoemission spectroscopy. Physical Review B, 2003, 67, .	3.2	27
70	Observation of Band Renormalization Effects in Hole-Doped High-TcSuperconductors. Physical Review Letters, 2003, 91, 157003.	7.8	100
71	Interlayer tunneling spectroscopy and doping-dependent energy-gap structure of the trilayer superconductorBi2Sr2Ca2Cu3O10+Î´. Physical Review B, 2003, 68, .	3.2	54
72	Low Energy Excitation in Bi2Sr2Can-1CunO2n+4 (n = 1-3) Studied by High-Resolution Arpes. International Journal of Modern Physics B, 2003, 17, 3554-3558.	2.0	1

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73	Structural Study of Inhomogeneous Charge Distribution of Inequivalent CuO2Planes in Bi2.1Sr1.9Ca2Cu3O10+Î´Single Crystals. Journal of the Physical Society of Japan, 2003, 72, 2924-2929.	1.6	8
74	Block-Layer Concept for the Layered Cobalt Oxide: A Design for Thermoelectric Oxides. Fundamental Materials Research, 2003, , 71-87.	0.1	11
75	Doping dependence of anisotropic resistivities in the trilayered superconductorBi2Sr2Ca2Cu3O10+Î´. Physical Review B, 2002, 66, .	3.2	49
76	Low Energy Excitation and Scaling inBi2Sr2Canâ^'1CunO2n+4(n=1â€“3): Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2002, 89, 067005.	7.8	57
77	Large In-Plane Anisotropy on Resistivity and Thermopower in the Misfit Layered Oxide Bi2-xPbxSr2Co2Oy. Japanese Journal of Applied Physics, 2002, 41, L783-L786.	1.5	53
78	In-plane anisotropy on the transport properties in the modulated Bi2O2-based conductors Bi-2212 and Biâ€“Srâ€“Coâ€“O. Physica C: Superconductivity and Its Applications, 2002, 378-381, 182-186.	1.2	11
79	Magnetic Susceptibility of Ca1-xNaxPd3O4. Journal of the Physical Society of Japan, 2001, 70, 1772-1776.	1.6	3
80	Study of pseudogap phenomena by STM and other probes. Journal of Physics and Chemistry of Solids, 2001, 62, 65-68.	4.0	16
81	Comparative study of transport properties of Bi2Sr2Ca2Cu3O10+Î´ and Bi2Sr2CaCu2O8+Î´ single crystals. Physica C: Superconductivity and Its Applications, 2001, 357-360, 173-176.	1.2	27
82	Single-crystal growth of Bi2Sr2Ca2Cu3O10+Î´ (Bi-2223) by TSFZ method. Journal of Crystal Growth, 2001, 223, 175-180.	1.5	74
83	Novel approaches to crystallize materials with narrow liquidus lines: application to spin ladder compound La4+4nCu8+2nO14+8n (n=2,3) and high-Tc cuprate Bi-2223. Journal of Crystal Growth, 2001, 229, 316-320.	1.5	4
84	Pseudogap in Bi2Sr2CaCu2O8+Î´ studied by measuring anisotropic susceptibilities and out-of-plane transport. Physica C: Superconductivity and Its Applications, 2000, 341-348, 931-932.	1.2	0
85	Anisotropy in the superconducting state and c-axis resistivity of precisely oxygen controlled Bi2Sr2CaCu2O8+Î´ single crystals. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1873-1874.	1.2	1
86	Pseudogap inBi2Sr2CaCu2O8+Î´Studied by Measuring Anisotropic Susceptibilities and Out-of-Plane Transport. Physical Review Letters, 2000, 84, 5848-5851.	7.8	112
87	Anisotropic Resistivities of Precisely Oxygen Controlled Single-CrystalBi2Sr2CaCu2O8+Î´: Systematic Study on ``Spin Gap'' Effect. Physical Review Letters, 1997, 79, 2113-2116.	7.8	333
88	Anisotropic transport properties of impurity (Co) doped and oxygen controlled single-crystal Bi2Sr2CaCu2O8+Î´: Evidence of temperature-dependent interlayer coupling and a pseudogap. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1169-1170.	1.2	1
89	The effects of the misfit structure on thermoelectric properties of Bi/sub 2-x/Pb/sub x/Sr/sub 2/Co/sub 2/O/sub y/ single crystals. , 0, , .		3
90	Magneto-thermoelectric effects of the layered cobalt oxides. , 0, , .		1