Masao Nakao

List of Publications by Year
in descending order

48 papers	439 citations	777949 13 h-index	843174 20 g-index
50 all docs	50 docs citations	50 times ranked	156 citing authors

#	Article	IF	Citations
1	Two-dimensional Fe-based half-metals with vanishing net magnetization. Physical Review B, 2011, 83, .	1.1	7
2	Half-metallic antiferromagnetism in LaOCr_{0.5}Fe_{0.5}As as a probe of single spin superconductivity. Journal of Physics: Conference Series, 2009, 150, 052182.	0.3	3
3	Half-metallic antiferromagnetism in [111]-oriented CrX/FeX (and Se) monolayer superlattices. Physica B: Condensed Matter, 2008, 403, 1431-1433.	1.3	3
4	Half-metallic monolayer superlattices with no net magnetization. Physical Review B, 2008, 77, .	1.1	15
5	Toward the Realization of Half-Metallic Antiferromagnetism for Future Spintronics. Transactions of the Materials Research Society of Japan, 2008, 33, 291-294.	0.2	0
6	Magnetic monolayer superlattices: Another viable class of half-metallic antiferromagnets. Journal of Magnetism and Magnetic Materials, 2007, 310, 2259-2261.	1.0	6
7	Tetrahedrally coordinated half-metallic antiferromagnets. Physical Review B, 2006, 74, .	1.1	27
8	Digital magnetic moment of tetrahedrally bonded half-metallic nanoclusters. Physical Review B, 2004, 69, .	1.1	31
9	Bonding nature and wave function around the Fermi level of MgB2-related compounds. Physica C: Superconductivity and Its Applications, 2003, 388-389, 137-138.	0.6	5
10	Down to0.1 ÂµmPattern Replication in Synchrotron Radiation Lithography. Japanese Journal of Applied Physics, 1996, 35, 4133-4137.	0.8	1
11	Superconducting transition in Tl2Ba2CaCu2O8 observed by electron-density distributions. Physica C: Superconductivity and Its Applications, 1995, 247, 289-296.	0.6	7
12	Cleaved surface structure of Bi2Sr2CuO6+Î´ by scanning tunneling microscopy. Physica C: Superconductivity and Its Applications, 1995, 249, 151-156.	0.6	2
13	Scanning Tunneling Microscopy of Cleaved Surfaces of Bi 2 Sr 2 CuO 6 +Î´. , 1995, , 69-72.		0
14	Scanning Tunneling Microscopy of the Cleaved Surface of Bi2Sr2CaCu2O8+Î´. , 1994, , 347-350.		0
15	Transport Property of a-Axis Oriented YBa2Cu3O7âˆ’Î´ Thin Films in Magnetic Field. , 1994, , 1011-1014.		0
16	Lower-Submicron Patterning Process for BiSrCaCuO High-TcSuperconducting Thin Films. Japanese Journal of Applied Physics, 1993, 32, 685-688.	0.8	4
17	Ion Bombardment Enhanced Etching for YBaCuO Superconducting Thin Films. , 1993, , 1025-1028.		0
18	Transport Property of Epitaxial Bi2Sr2CaCu2O8/Bi2Sr2CuO6 Superlattices in Magnetic Field. , 1993, , 845-848.		0

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19	Site Occupancy and Anharmonic Thermal Vibration in Superconductor Tl2CaBa2Cu2O8. Japanese Journal of Applied Physics, 1992, 31, L467-L470.	0.8	17
20	BiSrCaCuO/BiSrCuO Superlattices: A Prove of Cu-O Plane Superconductivity. , 1992, , 797-800.		0
21	Degradation of High-Temperature Oxide Superconductors. Zairyo To Kankyo/ Corrosion Engineering, 1991, 40, 491-497.	0.0	3
22	In-situ epitaxial growth of Biî—¸Srî—¸-Caî—¸-Cuî—¸O films and superlattices by MBE using an oxygen radical beam. Physica C: Superconductivity and Its Applications, 1991, 185-189, 2083-2084.	0.6	7
23	Distribution of pinning energies in metal (M) substituted YBa2Cu2â^'xMxO7â^'y. Physica C: Superconductivity and Its Applications, 1991, 185-189, 2165-2166.	0.6	2
24	Transport property of Tl2Ba2Ca1â^'xNdxCu2Oy. Physica C: Superconductivity and Its Applications, 1991, 185-189, 1305-1306.	0.6	0
25	Superconductivity in BiSrCaCuO Superlattices: Two-Dimensional Properties of CuO Planes. Japanese Journal of Applied Physics, 1991, 30, 3929-3932.	0.8	27
26	Distribution of Pinning Energies in Oxide Superconducting Thin Films and Single-Crystalline Powders. , 1991, , 491-494.		0
27	Preparation of Bi-Sr-Ca-Cu-O Films by MBE Using an Oxygen Radical Beam Source. , 1991, , 1069-1072.		3
28	Study on Doping Properties of BSCCO/GaAs Films. , 1991, , 1089-1092.		0
29	A Study of Y211/123 Layered Films. , 1991, , 1247-1250.		0
30	Growth and magnetic properties of Tl-Ca-Ba-Cu-O single crystals. Journal of Crystal Growth, 1990, 99, 942-946.	0.7	10
31	Ion Bombardment Enhanced Etching for Biâ€"Caâ€"Srâ€"Cuâ€"O High-TcSuperconducting Thin Films. Japanese Journal of Applied Physics, 1990, 29, 2307-2311.	0.8	9
32	A review of thin film processing in Tl-based systems.. Hyomen Kagaku, 1989, 10, 258-264.	0.0	0
33	Resistive Transition in Magnetic Fields for a Single Crystal of a Tl-Ba-Ca-Cu-O Superconductor. Japanese Journal of Applied Physics, 1989, 28, L907-L909.	0.8	17
34	Magnetic Relaxation in High-TcOxide Superconductors. Japanese Journal of Applied Physics, 1989, 28, L24-L26.	0.8	36
35	Comparison of flux pinning in superconducting Tl Ca Ba Cu O crystals and thin films. Physica C: Superconductivity and Its Applications, 1989, 162-164, 677-678.	0.6	6
36	Prospects for Electronic Applications of Rare-Earth-Free Superconducting Thin Films. , 1989, , 685-689.		0

#	Article	IF	Citations
37	Magnetron Sputtering of Bi-Ca-Sr-Cu-O Thin Films with Superconductivity above 80 K. Japanese Journal of Applied Physics, 1988, 27, L378-L380.	0.8	34
38	Magnetic Properties and Upper Critical Fields of Sintered Tl-Ca-Ba-Cu-O Superconductors. Japanese Journal of Applied Physics, 1988, 27, L857-L859.	0.8	15
39	Sputtered Tl-Ca-Ba-Cu-O Thin Films with Zero Resistivity at 98 K. Japanese Journal of Applied Physics, 1988, 27, L849-L851.	0.8	27
40	Preparation of High-TcBi-Sr-Ca-Cu-O Superconductors. Japanese Journal of Applied Physics, 1988, 27, L323-L324.	0.8	37
41	Preparation and Properties of Tl-Ca-Ba-Cu-O. Japanese Journal of Applied Physics, 1988, 27, L1457-L1459.	0.8	13
42	A.C. Complex Susceptibility Measurement in Sintered Bi-Sr-Ca-Cu-O and Tl-Ba-Ca-Cu-O Superconductors. Japanese Journal of Applied Physics, 1988, 27, L2059-L2062.	0.8	24
43	X-Ray Diffraction Study of a High-TcBi-Ca-Sr-Cu-O Superconductor Having Incommensurate Superstructure. Japanese Journal of Applied Physics, 1988, 27, L1015-L1017.	0.8	25
44	Magnetic Field Effects in the High-TcSuperconductor Y-Ba-Cu-O. Japanese Journal of Applied Physics, 1987, 26, L794-L795.	0.8	6
45	Magnetic Field Effects in High-TcSuperconductors. Japanese Journal of Applied Physics, 1987, 26, 1177.	0.8	0
46	Band offsets at pseudo-ternary semiconductor-alloy heterojunctions. Surface Science, 1986, 174, 337-342.	0.8	6
47	Band offsets at pseudo-ternary semiconductor-alloy heterojunctions. Surface Science Letters, 1986, 174, A444-A445.	0.1	0
48	Effects of long-range and short-range order on the electronic structure of CsCl-type model alloys. Physical Review B, 1980, 22, 2112-2122.	1.1	3