Shigemi Kohiki

List of Publications by Year
in descending order

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171	2,828	185998	233125
papers	citations	28 h-index	45 g-index

171	171	171	2663
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Field Effect of a Chemically Assembled Fe₃O₄ Nanocrystal Film Singleâ€Electron Transistor. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1700608.	0.8	0
2	Magnetoresistance at Room Temperature of Oleic Acid Coated Fe_{3-<i>x</i>}Co_{<i>x</i>}O₄ (<i>x</i> = 0, 0.1 and 0.3) Nanocrystal Drop-Cast Films. Transactions of the Materials Research Society of Japan, 2015, 40, 55-58.	0.2	0
3	Magnetoresistance of Drop-Cast Film of Cobalt-Substituted Magnetite Nanocrystals. ACS Applied Materials & Interfaces, 2014, 6, 17410-17415.	4.0	6
4	A Rhombic Dodecahedral Honeycomb Structure with Cation Vacancy Ordering in a Î³-Ga₂O₃ Crystal. Crystal Growth and Design, 2013, 13, 3577-3581.	1.4	20
5	Large, Negative Magnetoresistance in an Oleic Acid-Coated Fe₃O₄ Nanocrystal Self-Assembled Film. ACS Applied Materials & Interfaces, 2013, 5, 11584-11589.	4.0	21
6	Synthesis and magnetic properties of fergusonite-structured La(NbVMn)O₄. Emerging Materials Research, 2013, 2, 191-197.	0.4	1
7	Effects of (Ho_xIn_{1â^’x})_{1.9}Sn_{0.1}O₃ matrix on magnetization of dispersed Fe₃O₄ nanocrystals. Physica Status Solidi (A) Applications and Materials Science, 2012, 209, 2570-2573.	0.8	0
8	Magnetic and Magnetoelectric Properties of Self-Assembled Fe_{2.5}Mn_{0.5}O₄ Nanocrystals. ACS Applied Materials & Interfaces, 2011, 3, 3589-3593.	4.0	8
9	Oxygen annealing for deuteriumâ€doped indium tin oxide thin films. Physica Status Solidi (A) Applications and Materials Science, 2011, 208, 829-833.	0.8	0
10	Correlation between resistivity and oxygen vacancy of hydrogen-doped indium tin oxide thin films. Thin Solid Films, 2011, 519, 3557-3561.	0.8	30
11	Characterization of barium titanate nanoparticles and dense nanograin free-standing films via sol-gel method using highly concentrated alkoxide solution. Journal of the Ceramic Society of Japan, 2010, 118, 674-678.	0.5	6
12	Magnetic properties of nitric oxide molecules physisorbed into nano-sized pores of MCM-41. Microporous and Mesoporous Materials, 2010, 132, 464-469.	2.2	8
13	Hydrogen effects on crystallinity, photoluminescence, and magnetization of indium tin oxide thin films sputterâ€deposited on glass substrate without heat treatment. Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 386-390.	0.8	23
14	Synthesis and Magnetic Property of Multiferroic BiMnO₃ Nanoparticles in the Pores of Mesoporous Silica. Japanese Journal of Applied Physics, 2010, 49, 06GH04.	0.8	7
15	Effects of Hydrogen in Working Gas on Valence States of Oxygen in Sputter-Deposited Indium Tin Oxide Thin Films. ACS Applied Materials & Interfaces, 2010, 2, 663-668.	4.0	17
16	Optical and electrical properties of indium tin oxide thin films sputter-deposited in working gas containing hydrogen without heat treatments. Materials Letters, 2009, 63, 641-643.	1.3	20
17	Effects of hydrogen in working gas for sputter-deposition on surface morphology and microstructure of indium tin oxide thin films grown at room temperature. Materials Letters, 2009, 63, 2365-2368.	1.3	2
18	Magnetoresistance and Microstructure of Magnetite Nanocrystals Dispersed in Indiumâ^’Tin Oxide Thin Films. ACS Applied Materials & Interfaces, 2009, 1, 1893-1898.	4.0	3

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19	Size control and dielectric isolation of FePt nanoparticles using the MCM-41 molecular sieve. Materials Letters, 2008, 62, 3682-3684.	1.3	6
20	Effects of Au catalyst on growth of Î²-Ga2O3 nanostructure at Î±-Al2O3 (0001) surface. Solid State Sciences, 2008, 10, 1860-1863.	1.5	5
21	Phase Separation in La_{1-x}Sr_xMnO_{3+Î´}Nanocrystals Studied by Electron Spin Resonance. Journal of the Physical Society of Japan, 2008, 77, 074715.	0.7	12
22	Oxygen-molecule spin-nanotubes constructed by physisorption into a nanoporous medium. Physical Review B, 2008, 78, .	1.1	6
23	Room Temperature Ferromagnetism of Fe Doped Indium Tin Oxide Based on Dispersed Fe3O4Nanoparticles. Japanese Journal of Applied Physics, 2007, 46, L823-L825.	0.8	7
24	Magnetic and electric properties of Fe-doped ITO thin films. Journal of Magnetism and Magnetic Materials, 2007, 310, e717-e719.	1.0	15
25	Boron nonstoichiometry, hardness and oxidation resistance of perovskite-type CeRh3Bx (x=0â€“1). Journal of Alloys and Compounds, 2006, 426, 304-307.	2.8	16
26	Epitaxial growth of Î²-Ga2O3 nanocolumns on MgO substrate. Journal of Crystal Growth, 2006, 286, 240-246.	0.7	12
27	Doping of Fe to In2O3. Thin Solid Films, 2006, 505, 122-125.	0.8	36
28	Novel Size Effect of LaMnO3+Î´ Nanocrystals Embeded in SBA-15 Mesoporous Silica. Journal of the Physical Society of Japan, 2006, 75, 113704.	0.7	16
29	Ferromagnetism in Transparent Thin Films of Fe-Doped Indium Tin Oxide. Japanese Journal of Applied Physics, 2006, 45, L957-L959.	0.8	50
30	Synthesis of mesoscopic barium titanate single crystals incorporating a cuboid-shaped hollow core. Journal of Crystal Growth, 2005, 275, e2377-e2381.	0.7	2
31	Î²-Ga2O3 nanorods crossing perpendicularly each other on MgO (100) substrate. Journal of Materials Science, 2005, 40, 4145-4147.	1.7	2
32	Dilution effects on X-ray photoelectron spectra of La0.8Sr0.2MnO3 with SiO2. Journal of Materials Science: Materials in Electronics, 2005, 16, 85-88.	1.1	0
33	Magnetic Behavior of Fe Doped In2O3. Japanese Journal of Applied Physics, 2005, 44, L979-L981.	0.8	36
34	Dielectric Property and Electronic Structure of LaNbO4. Japanese Journal of Applied Physics, 2005, 44, 6596-6599.	0.8	26
35	Growth of Î²-Ga2O3 nanocolumns crossing perpendicularly each other on MgO (100) surface. Journal of Alloys and Compounds, 2005, 390, 261-264.	2.8	7
36	Dilution effects on X-ray photoelectron spectra of La0.8Sr0.2MnO3 with SiO2. Journal of Materials Science, 2005, 16, 85-88.	1.7	0

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37	Frequency-dependent bifurcation point between field-cooled and zero-field-cooled dielectric constant of LiTaO3 nanoparticles embedded in amorphous SiO2. Applied Physics Letters, 2004, 84, 3385-3387.	1.5	0
38	Potassium Manganate by XPS. Surface Science Spectra, 2004, 11, 66-72.	0.3	0
39	Potassium Permanganate by XPS. Surface Science Spectra, 2004, 11, 59-65.	0.3	2
40	Magnetic Cluster Behavior of Î±-LiFeO2Related to the Cation Arrangements. Japanese Journal of Applied Physics, 2004, 43, L1232-L1235.	0.8	7
41	Dilution Effects on Chemical and Magnetic Clusters of Î±-LiFeO2. Japanese Journal of Applied Physics, 2004, 43, L1620-L1622.	0.8	0
42	Transmission electron microscopy and electron diffraction study of the short-range ordering structure of Î±-LiFeO2. Acta Crystallographica Section B: Structural Science, 2004, 60, 698-704.	1.8	14
43	Threshold of photoelectron emission from CNx films deposited at room temperature and at 500Â°C. Journal of Applied Physics, 2004, 96, 4674-4676.	1.1	2
44	Boronâ€“carbon atomic ratio dependence on the hardness and oxidation resistance of perovskite-type solid solution ScRh3B C1âˆ’x. Journal of Alloys and Compounds, 2004, 375, 217-220.	2.8	7
45	Molten metal flux growth and properties of CrSi2. Journal of Alloys and Compounds, 2004, 383, 319-321.	2.8	12
46	Search for perovskite-type new borides in the Sc-TM-B (TM = Ti, V, Cr, Mn, Fe, Co, and Ni) systems. Journal of Alloys and Compounds, 2004, 383, 294-297.	2.8	10
47	Superparamagnetic behavior of La1$minus;xSrxMnO3 nanoparticles in the MCM-41 molecular sieve. Physica B: Condensed Matter, 2003, 329-333, 860-861.	1.3	4
48	Hardness and oxidation resistance of perovskite-type borocarbide system YRh3BxC1âˆ’x (0â‰¦xâ‰¦1). Journal of Alloys and Compounds, 2003, 354, 198-201.	2.8	8
49	Comparison of electronic structure of LiInO2 with NaInO2. Journal of Alloys and Compounds, 2003, 359, 278-280.	2.8	12
50	Large frequency dependence of lowered maximum dielectric constant temperature of LiTaO3 nanocrystals dispersed in mesoporous silicate. Applied Physics Letters, 2003, 82, 4134-4136.	1.5	6
51	Search for Perovskite-Type New Boride in the Scâ€“Niâ€“B System. Japanese Journal of Applied Physics, 2003, 42, 7464-7466.	0.8	3
52	High-Temperature Solution Growth and Characterization of Chromium Disilicide. Japanese Journal of Applied Physics, 2003, 42, 7292-7293.	0.8	3
53	Hardness and Oxidation Resistance of Perovskite-type Solid Solution of the ScRh3Bâ€“ScRh3C System. Japanese Journal of Applied Physics, 2003, 42, 5213-5214.	0.8	3
54	Magnetic Properties of La1-xSrxMnO3 Nanocrystals Embedded in A Mesoporous Silicate. Materials Research Society Symposia Proceedings, 2003, 776, 11141.	0.1	0

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55	Coupling of codoped In and N impurities in ZnS:Ag: Experiment and theory. Journal of Applied Physics, 2002, 91, 760-763.	1.1	9
56	Boronâ€“Carbon Atomic Ratio Dependence on the Hardness and Oxidation Resistance of Solid Solutions of Perovskite-Type Borocarbide YRh3BxC1-x(0â‰¦xâ‰¦1). Japanese Journal of Applied Physics, 2002, 41, 3031-3032.	0.8	10
57	Synthesis and Magnetic Properties of Mesoporous Vanadium Oxide Sulphate. Chemistry Letters, 2002, 31, 670-671.	0.7	2
58	Electronic Structure of SrBi2Ta2O9Powders. Chemistry of Materials, 2002, 14, 3971-3975.	3.2	6
59	Photoelectron energy-loss functions ofSrTiO3,BaTiO3,andTiO2:Theory and experiment. Physical Review B, 2002, 65, .	1.1	31
60	Cu doping effects on optical and magnetic properties of In2O3. Journal of Alloys and Compounds, 2002, 334, 205-210.	2.8	24
61	Solid solution range of boron and properties of the perovskite-type NdRh3B. Journal of Alloys and Compounds, 2002, 335, 191-195.	2.8	4
62	Characterization of the surface content, hydrolysis ratio, and condensation degree of polyalkoxysiloxane segregated to the surface of a polyurethane crosslinked film by X-ray photoelectron spectroscopy. Journal of Polymer Science Part A, 2002, 40, 2917-2926.	2.5	6
63	Intraparticle Magnetic Properties of Co3O4 Nanocrystals. Nano Letters, 2001, 1, 379-382.	4.5	122
64	Preparation and characterization of lithium doped indium sesqui-oxide. Journal of Alloys and Compounds, 2001, 322, 220-225.	2.8	4
65	Structure of a Heterobimetallic Alkoxide in a Highly Concentrated Ba, Ti Alkoxides Solution Prepared Using Methanol/2-Methoxyethanol Mixed Solvent.. Journal of the Ceramic Society of Japan, 2001, 109, 60-65.	1.3	2
66	Characterization of Surface Structure of Silica Thin Films by Auger Parameter. Chemistry Letters, 2001, 30, 684-685.	0.7	4
67	Ga incorporation effects on the electronic structure of CuInS2:Na thin films. Applied Surface Science, 2001, 174, 40-42.	3.1	5
68	Magnetism of diluted Co3O4 nanocrystals. Physica E: Low-Dimensional Systems and Nanostructures, 2001, 9, 250-252.	1.3	23
69	Radiation damage of N-MOSFETS fabricated in a BiCMOS process. Journal of Materials Science: Materials in Electronics, 2001, 12, 227-230.	1.1	2
70	R-Dependency of the Hardness of Perovskite-Type RRh3B Compounds (R = La, Gd, Lu and Sc). Japanese Journal of Applied Physics, 2001, 40, 6037-6038.	0.8	13
71	Difference of Electronic Structures between SrTiO3 and BaTiO3.. Journal of the Ceramic Society of Japan, 2000, 108, 952-954.	1.3	1
72	Low-Temperature Synthesis and Dielectric Properties of Pb (Mg1/3Nb2/3)O3/BaPbO3 Bilayer Films.. Journal of the Ceramic Society of Japan, 2000, 108, 312-314.	1.3	0

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73	Effect of La Doping on the Electronic Structure of SrTiO3.. Journal of the Ceramic Society of Japan, 2000, 108, 518-520.	1.3	3
74	Difference of Electronic Structures between NaInO2and NaInS2. Chemistry Letters, 2000, 29, 8-9.	0.7	7
75	Shifts of Core-level Electron Binding Energies for SrBi2Ta2O9Nano-particles. Chemistry Letters, 2000, 29, 748-749.	0.7	0
76	Influence of incorporation of Na on p-type CuInS2 thin films. Applied Surface Science, 2000, 159-160, 345-349.	3.1	10
77	Title is missing!. Journal of Sol-Gel Science and Technology, 2000, 19, 749-752.	1.1	5
78	Determination of Hydrolysis Ratio of Silicic Ester on the Surface of Coated Films by X-Ray Photoelectron Spectroscopy(XPS).. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 2000, 2000, 267-271.	0.1	2
79	X-Ray Photoelectron Spectroscopy of BaTiO3 Mesocrystals.. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 2000, 2000, 233-236.	0.1	0
80	Response to â€œComment on â€˜Quantum-confinement effects on the optical and dielectric properties for mesocrystals of BaTiO3 and SrBi2Ta2O9â€™â€‰â€•[J. Appl. Phys. 88, 6092 (2000)]. Journal of Applied Physics, 2000, 88, 6093-6095.	1.1	6
81	Co-incorporation effects of O and Na with CuInS2 thin films. Applied Physics Letters, 2000, 77, 2713-2715.	1.5	5
82	Energy-loss structure in core-level photoemission satellites ofSrTiO3,SrTiO3:La,andSrTiO3:Nb. Physical Review B, 2000, 62, 7964-7969.	1.1	46
83	Magnetic properties of CoII mesoclusters. Applied Physics Letters, 2000, 77, 1194-1196.	1.5	9
84	Dilution effect on magnetic properties of Co3O4 nanocrystals. Journal of Applied Physics, 2000, 88, 2771-2774.	1.1	34
85	Preparation of translucent barium titanate ceramics from solâ€“gel-derived transparent monolithic gels. Journal of Materials Chemistry, 2000, 10, 1511-1512.	6.7	28
86	Preparation and characterization of NaInO2 and NaInS2. Journal of Materials Chemistry, 2000, 10, 779-782.	6.7	14
87	Quantum-confinement effects on the optical and dielectric properties for mesocrystals of BaTiO3 and SrBi2Ta2O9. Journal of Applied Physics, 2000, 87, 474-478.	1.1	31
88	Preparation and Characterization of In2O3:Lix (x=0-1.0).. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1999, 1999, 323-327.	0.1	0
89	Optical and dielectric properties of quantum-confined SrBi2Ta2O9 mesocrystals. Applied Physics Letters, 1999, 75, 3189-3191.	1.5	9
90	Electronic structure and electrical properties of amorphousOsO2. Physical Review B, 1999, 59, 11125-11127.	1.1	5

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91	X-ray photoelectron spectroscopy of highly conducting and amorphous osmium dioxide thin films. Thin Solid Films, 1999, 347, 56-59.	0.8	17
92	Dielectric and optical properties of BaTiO3 mesocrystals. Physica E: Low-Dimensional Systems and Nanostructures, 1999, 4, 228-230.	1.3	17
93	Dilution effects on optical absorption and core-level photoelectron spectra of BaTiO3 mesocrystals. Physica E: Low-Dimensional Systems and Nanostructures, 1999, 5, 161-166.	1.3	7
94	Many-body effects in X-ray photoemission spectroscopy and electronic properties of solids. Spectrochimica Acta, Part B: Atomic Spectroscopy, 1999, 54, 123-131.	1.5	4
95	Changes in the chemical state of monocrystalline SrTiO3 surface by argon ion bombardment. Applied Surface Science, 1999, 143, 272-276.	3.1	28
96	Removal of inelastic scattering part from Ti2p XPS spectrum of TiO2 by deconvolution method using O1s as response function. Journal of Electron Spectroscopy and Related Phenomena, 1999, 105, 211-218.	0.8	61
97	Ti 2p and Ti 3p X-ray photoelectron spectra for TiO2, SrTiO3 and BaTiO3. Physical Chemistry Chemical Physics, 1999, 1, 5327-5331.	1.3	98
98	Energy Loss Structure of X-ray Photoelectron Spectra of MgO and Î±-Al2O3. Journal of Physical Chemistry B, 1999, 103, 5296-5299.	1.2	10
99	Preparation of Cr-Doped V2O3 Films by Sol-Gel Processing and Their Resistivity-Temperature Characteristics.. Journal of the Ceramic Society of Japan, 1999, 107, 375-378.	1.3	3
100	Intrinsic and extrinsic surface states of single crystalline SrTiO3. Journal of Applied Physics, 1998, 84, 2123-2126.	1.1	27
101	Electron-energy-loss function ofLiTaO3andLiNbO3by x-ray photoemission spectroscopy:â€ƒTheory and experiment. Physical Review B, 1998, 57, 14572-14575.	1.1	26
102	Preparation and Characterization of V2O3Powder and Film. Japanese Journal of Applied Physics, 1998, 37, 6519-6523.	0.8	22
103	Changes in the electronic structure of CuInS2 thin films by Na incorporation. Applied Physics Letters, 1998, 73, 1385-1387.	1.5	24
104	Thermal Behavior of Sol-Gel-Derived Barium Titanate Gels. Journal of the Ceramic Society of Japan, 1998, 106, 703-708.	1.3	3
105	Energy Loss Structure in X-Ray Photoemission Spectra of Single Crystalline LiNbO3, LiTaO3, MgO and Î±-Al2O3. Japanese Journal of Applied Physics, 1998, 37, 2078-2078.	0.8	2
106	Energy Loss Structure in X-Ray Photoemission Spectra of Single CrystallineLiNbO3,LiTaO3, MgO and Î±-Al2O3. Japanese Journal of Applied Physics, 1997, 36, 2856-2862.	0.8	8
107	Degradation and recovery of In/sub 0.53/Ga/sub 0.47/As photodiodes by 1-MeV fast neutrons. IEEE Transactions on Nuclear Science, 1996, 43, 3019-3026.	1.2	21
108	Degradation of InGaAs pin photodiodes by neutron irradiation. Semiconductor Science and Technology, 1996, 11, 1461-1463.	1.0	9

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109	Cu2pPhotoelectron and2p3/2-Valence-ValenceAuger Electron Spectra of Cuprate Superconductors. Japanese Journal of Applied Physics, 1994, 33, 6699-6705.	0.8	1
110	Preparation of Conductive and Transparent Thin Films by Argon Ion Beam Sputtering of Zinc Oxide in Atmosphere Containing Hydrogen. Japanese Journal of Applied Physics, 1994, 33, 6706-6707.	0.8	4
111	Enhanced conductivity of zinc oxide thin films by ion implantation of hydrogen atoms. Applied Physics Letters, 1994, 64, 2876-2878.	1.5	83
112	UV photoelectron yield spectroscopy of chalcopyrite structure Cu-In-Se thin films. Thin Solid Films, 1994, 238, 195-198.	0.8	2
113	Enhanced electrical conductivity of zinc oxide thin films by ion implantation of gallium, aluminum, and boron atoms. Journal of Applied Physics, 1994, 75, 2069-2072.	1.1	81
114	Valence manipulation and homojunction diode fabrication of chalcopyrite structure Cuî—¸Inî—¸Se thin films. Thin Solid Films, 1993, 226, 149-155.	0.8	8
115	Manyâ€body effects in xâ€ray photoemission and highâ€Tcsuperconductivity of cuprate superconductors. Journal of Applied Physics, 1993, 74, 7410-7413.	1.1	3
116	Homojunction diode of CuInSe2thin film fabricated by nitrogen implantation. Journal of Applied Physics, 1993, 74, 2067-2070.	1.1	18
117	CuInSe2homojunction diode fabricated by phosphorus doping. Applied Physics Letters, 1993, 62, 1656-1657.	1.5	7
118	X-Ray and UV-Light Irradiation Effects on Oxide Superconducting Thin Films. Materials Science Forum, 1993, 137-139, 153-164.	0.3	0
119	High Energy Spectroscopy of Thin Films of Chalcopyrite Structure Cuâ€“Inâ€“Se and Related Materials. Japanese Journal of Applied Physics, 1993, 32, 203.	0.8	3
120	X-ray photoelectron spectroscopy of Cuâ€“Inâ€“Seâ€“N and Cuâ€“Inâ€“Se thin films. Journal of Materials Research, 1992, 7, 1984-1986.	1.2	5
121	X-ray photoelectron spectroscopy ofCuInSe2. Physical Review B, 1992, 45, 9163-9168.	1.1	22
122	X-ray fluorescence spectroscopy of Cu-In-Se chalcopyrite-structure thin films. Physical Review B, 1992, 46, 7911-7914.	1.1	0
123	X-Ray Photoelectron Study of the Methane Interaction with LaCoO3. Bulletin of the Chemical Society of Japan, 1992, 65, 1295-1298.	2.0	4
124	Characterization of molecular beam deposited CuInSe2 thin films. Thin Solid Films, 1992, 207, 265-269.	0.8	30
125	Characterization of single crystalline CdTe surface. Applied Surface Science, 1992, 59, 39-44.	3.1	7
126	CHARACTERIZATION OF CuInSe₂ THIN FILMS. Analytical Sciences, 1991, 7, 1211-1214.	0.8	0

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127	Xâ€ray irradiation effects on superconductivity of cuprate superconductor thin films. Journal of Applied Physics, 1991, 70, 6945-6951.	1.1	6
128	Nitrogen implantation for molecular beam deposited CuInSe2 thin films. Applied Physics Letters, 1991, 59, 1749-1751.	1.5	19
129	UV-light irradiation effects on oxide superconducting thin films. IEEE Transactions on Magnetics, 1991, 27, 1544-1547.	1.2	2
130	An effect of reduction on Nd1.85Ce0.15CuO4 thin films. Physica C: Superconductivity and Its Applications, 1990, 166, 437-441.	0.6	4
131	Study on sulfur-substituted Y-Ba-Cu-O thin films. Physica C: Superconductivity and Its Applications, 1990, 171, 121-125.	0.6	4
132	Superconducting thin films of n-type copper oxide prepared by rf magnetron sputtering. Vacuum, 1990, 41, 864-866.	1.6	0
133	Reduction of Nd1.85Ce0.15CuO4. Solid State Communications, 1990, 73, 787-789.	0.9	14
134	Plasma Irradiation Effects on Nd-Ce-Cu-O and La-Sr-Cu-O Thin Films. Japanese Journal of Applied Physics, 1990, 29, L83-L85.	0.8	3
135	Characteristics of Superconducting Gd-Ba-Cu-O Thin Films. Japanese Journal of Applied Physics, 1990, 29, L302-L305.	0.8	2
136	Creation of strong pinning sites by xâ€ray irradiation for Gd1Ba2Cu3O7â^'xsuperconducting thin films. Applied Physics Letters, 1990, 56, 298-300.	1.5	19
137	Xâ€ray photoelectron spectroscopy of Nd2â^'xCexCuO4â^'y(x=0 and 0.15) thin films. Journal of Applied Physics, 1990, 68, 1229-1232.	1.1	17
138	X-ray irradiation effects on Er1Ba2Cu3O7â^'x, superconducting thin films. Materials Letters, 1990, 9, 185-188.	1.3	1
139	Magnetic Relaxation of HighTcSuperconducting Thin Films. Journal of the Physical Society of Japan, 1989, 58, 4132-4138.	0.7	6
140	Effect of annealing in oxygen on the structure formation of Bi-Sr-Ca-Cu-O thin films. Physical Review B, 1989, 39, 4695-4698.	1.1	17
141	Electron Spectroscopy of Nd2-xCexCuO4-y(x=0, 0.15, and 0.23) Thin Films. Journal of the Physical Society of Japan, 1989, 58, 4139-4146.	0.7	17
142	Effects of Ar Ion-Beam Etching on Gd-Ba-Cu-O Superconducting Thin Films. Japanese Journal of Applied Physics, 1989, 28, L452-L455.	0.8	13
143	Study on low temperature processing for rare-earth-free high Tc superconducting thin films. Cryogenics, 1989, 29, 296-303.	0.9	7
144	X-ray irradiation effects on ErBa2Cu3O7â^'x superconducting thin films. Physica C: Superconductivity and Its Applications, 1989, 161, 431-434.	0.6	8

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145	Photoemission from single-crystalline Bi-Sr-Ca-Cu-O. Physical Review B, 1988, 38, 7051-7053.	1.1	45
146	Superconductivity and cu valence of Bi-Sr-Ca-Cu-O thin films. Physical Review B, 1988, 38, 9201-9204.	1.1	22
147	Structure and bonding of bi-sr-ca-cu-o crystal by x-ray photoelectron spectroscopy. Physical Review B, 1988, 38, 8868-8872.	1.1	51
148	Interfacial solidâ€state reaction at thermally oxidized In1â^'xGaxAsyP1â^'yalloys. Journal of Applied Physics, 1988, 64, 184-187.	1.1	1
149	Formation of Superconducting Bi-Sr-Ca-Cu-O Thin Films with Controlledc-Axis Lattice Spacings by Multitarget Sputtering. Japanese Journal of Applied Physics, 1988, 27, L1883-L1886.	0.8	111
150	Uptake of NO Gas by YBa2Cu3Oy. Chemistry Letters, 1988, 17, 799-802.	0.7	37
151	Role of Ions and Radical Species in Silicon Nitride Deposition by ECR Plasma CVD Method. Japanese Journal of Applied Physics, 1987, 26, L544-L546.	0.8	21
152	Temperature-dependent change of Cuâ€"O bond length in YBa2Cu3O7. Physical Review B, 1987, 36, 2290-2293.	1.1	27
153	Catalytic properties and surface states of La1?x (Th, Sr) x CoO3. Journal of Materials Science, 1987, 22, 3781-3783.	1.7	7
154	Effect of thermal treatment on catalytic properties of La0.9Ce0.1 0003. Journal of Materials Science, 1987, 22, 3037-3040.	1.7	11
155	Surface characterization and catalytic properties of La1?x -Sr x CoO3. Journal of Materials Science, 1987, 22, 1882-1886.	1.7	120
156	Catalytic properties and surface states of La1-x Ce x CoO3. Journal of Materials Science, 1987, 22, 4031-4035.	1.7	20
157	Auger parameter in X-ray photoelectron spectroscopy of perovskite-type mixed oxides (La1-xMxCoO3,) Tj ETQq1 1 0.784314 rgBT /Ov	3.1	10
158	Characterization of silicon compounds using the Auger parameter in X-ray Photoelectron Spectroscopy (XPS). Applied Surface Science, 1987, 28, 103-110.	3.1	25
159	Photoemission from small palladium clusters supported on various substrates. Physical Review B, 1986, 34, 3786-3797.	1.1	94
160	Photoemission from small Pd clusters on Al2O3 and SiO2 substrates. Applied Surface Science, 1986, 25, 81-94.	3.1	84
161	Characterization of InGaAsP surface corrugation used for distributed feedback lasers by means of Raman spectroscopy. Applied Physics Letters, 1986, 49, 325-327.	1.5	3
162	Extra-Atomic Relaxation Effect on the Binding Energy of Reference Gold in X-Ray Photoelectron Spectroscopy. Analytical Sciences, 1985, 1, 115-117.	0.8	6

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163	Core-Level Electron Binding Energy Change of Evaporated Pd. Materials Research Society Symposia Proceedings, 1985, 48, 71.	0.1	2
164	An appraisal of evaporated gold as an energy reference in X-ray photoelectron spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 1985, 36, 105-110.	0.8	27
165	Chemical State Depth Profile for GaAs Surface. Japanese Journal of Applied Physics, 1984, 23, L15-L17.	0.8	15
166	Problem of evaporated gold as an energy reference in x-ray photoelectron spectroscopy. Applications of Surface Science, 1984, 17, 497-503.	1.0	28
167	Problems of adventitious carbon as an energy reference. Journal of Electron Spectroscopy and Related Phenomena, 1984, 33, 375-380.	0.8	41
168	A new charge-correction method in X-ray photoelectron spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 1983, 28, 229-237.	0.8	44
169	Appraisal of a new charge correction method in x-ray photoelectron spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 1983, 31, 85-90.	0.8	47
170	Interaction of hydrogenated amorphous silicon films with transparent conductive films. Journal of Applied Physics, 1983, 54, 3269-3271.	1.1	70
171	Interaction betweennâ€type amorphous hydrogenated silicon films and metal electrodes. Journal of Applied Physics, 1982, 53, 3909-3911.	1.1	34