Iwao Yamaguchi

List of Publications by Year
in descending order

153 papers	1,767 citations	304743 22 h-index	395702 33 g-index
154 all docs	154 docs citations	154 times ranked	1132 citing authors

#	Article	IF	Citations
1	Crystallization and in-plane alignment behavior of YBa₂Cu₃O_{7âˆ’<i>y</i>} films on MgO(001) prepared by the dipping-pyrolysis process. Journal of Materials Research, 1995, 10, 1635-1643.	2.6	58
2	Low temperature growth of metal oxide thin films by metallorganic laser photolysis. Applied Surface Science, 2002, 186, 173-178.	6.1	57
3	Study of Superconducting Fault Current Limiter Using Vacuum Interrupter Driven by Electromagnetic Repulsion Force for Commutating Switch. IEEE Transactions on Applied Superconductivity, 2006, 16, 1999-2004.	1.7	57
4	Applications of DC Breakers and Concepts for Superconducting Fault-Current Limiter for a DC Distribution Network. IEEE Transactions on Applied Superconductivity, 2009, 19, 3658-3664.	1.7	45
5	Direct Conversion of Titanium Alkoxide into Crystallized TiO2 (rutile) Using Coating Photolysis Process with ArF Excimer Laser. Japanese Journal of Applied Physics, 1999, 38, L823-L825.	1.5	43
6	Effect of substrate material on the crystallinity and epitaxy of Pb(Zr,Ti)O3 thin films. Thin Solid Films, 1999, 347, 106-111.	1.8	43
7	Preparation of high-Jc large-size YBCO films (30Ã—10 cm2) by coating-pyrolysis process on CeO2-buffered sapphire. Physica C: Superconductivity and Its Applications, 2004, 412-414, 896-899.	1.2	43
8	4-fold enhancement in the critical current density of YBa2Cu3O7 films by practical ion irradiation. Applied Physics Letters, 2012, 101, .	3.3	39
9	Preparation of epitaxial La1âˆ’xSrxMnO3 films on SrTiO3(001) by dipping-pyrolysis process. Journal of Materials Research, 1997, 12, 541-545.	2.6	38
10	Preparation of EpitaxialPb(Zr,Ti)O3Thin Films on Nb-DopedSrTiO3(100) Substrates by Dipping-Pyrolysis Process. Japanese Journal of Applied Physics, 1997, 36, 5221-5225.	1.5	37
11	Low Temperature Growth of Epitaxial La0.8Sr0.2MnO3Thin Films by an Excimer-Laser-Assisted Coating Pyrolysis Process. Japanese Journal of Applied Physics, 2003, 42, L956-L959.	1.5	37
12	Preparation and Characterization of Epitaxial VO2Films on Sapphire Using Postepitaxial Topotaxy Route via Epitaxial V2O3Films. Japanese Journal of Applied Physics, 2008, 47, 1022-1027.	1.5	37
13	Strong flux pinning due to dislocations associated with stacking faults in Y Ba₂Cu₃O_{7 âˆ’ Î´}thin films prepared by fluorine-free metal organic deposition. Superconductor Science and Technology, 2010, 23, 105004.	3.5	36
14	Microstructural and electrical properties of La0.7Ca0.3MnO3 thin films grown on SrTiO3 and LaAlO3 substrates using metal-organic deposition. Journal of Applied Physics, 2005, 98, 013507.	2.5	35
15	Direct Conversion of Metal Acetylacetonates and Metal Organic Acid Salts into Metal Oxides Thin Films Using Coating Photolysis Process with An ArF Excimer Laser. Japanese Journal of Applied Physics, 1999, 38, L1112-L1114.	1.5	34
16	Effect of substrates on epitaxial PZT films by a coating photolysis process. Materials Science in Semiconductor Processing, 2002, 5, 207-210.	4.0	32
17	Preparation of epitaxial V2O3 films on C-, A- and R-planes of Î±-Al2O3 substrates by coating-pyrolysis process. Thin Solid Films, 2000, 366, 294-301.	1.8	31
18	Preparation of the La0.8Sr0.2MnO3 films on STO and LAO substrates by excimer laser-assisted metal organic deposition using the KrF laser. Applied Surface Science, 2007, 253, 6504-6507.	6.1	28

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19	Development of a superconducting fault current limiter using various high-speed circuit breakers. IET Electric Power Applications, 2009, 3, 363.	1.8	28
20	Preparation of PbTiO3 Thin Films Using a Coating Photolysis Process with ArF Excimer Laser. Japanese Journal of Applied Physics, 2000, 39, L866-L868.	1.5	27
21	Structural modulation, hole distribution, and hole-ordered structure of the incommensurate composite crystal(Sr2Cu2O3)0.70CuO2. Physical Review B, 2003, 68, .	3.2	26
22	Preparation of epitaxial YBa2Cu3O7â^'y films on CeO2-buffered yttria-stabilized zirconia substrates by fluorine-free metalorganic deposition. Physica C: Superconductivity and Its Applications, 2007, 458, 29-33.	1.2	26
23	Preparation of 2-inch-diameter double-sided YBa2Cu3O7 films by coating-pyrolysis process. Physica C: Superconductivity and Its Applications, 2001, 357-360, 1346-1349.	1.2	22
24	Preparation of<tex>$rm CeO_2$</tex>-Buffer Layers for Large-Area MOD-YBCO Films<tex>$(10times30 rm cm^2)$</tex>With High-<tex>J_c</tex>. IEEE Transactions on Applied Superconductivity, 2005, 15, 2699-2702.	1.7	20
25	Temperature dependence of magnetic-field angle dependent critical current density and the flux pinning in YBa2Cu3O7 thin films. Physica C: Superconductivity and Its Applications, 2012, 478, 19-28.	1.2	20
26	Enhancement of critical current density in YBa2Cu3O7 films using a semiconductor ion implanter. Journal of Applied Physics, 2015, 117, .	2.5	20
27	Preparation of tin oxide films on various substrates by excimer laser metal organic deposition. Applied Surface Science, 2005, 247, 145-150.	6.1	19
28	Preparation of Epitaxial Pb(Zr, Ti)O₃ Thin Films on MgO (100) Substrates by Dipping-Pyrolysis Process. Journal of the Ceramic Society of Japan, 1997, 105, 952-956.	1.3	18
29	Effects of substrate materials and annealing temperature on crystal structure and epitaxy of La0.7Sr0.3MnO3 films via dipping-pyrolysis process. Thin Solid Films, 1998, 323, 99-104.	1.8	17
30	Preparation of High-JcYBa2Cu3O7-yFilms on CeO2-Buffered Yttria-Stabilized Zirconia Substrates by Fluorine-Free Metalorganic Deposition. Japanese Journal of Applied Physics, 2005, 44, 4914-4918.	1.5	17
31	Thickness Dependence of the Critical-Current Density and its Relation to Near-Interface Crystal Imperfections in Fluorine-Free-MOD YBCO Films. IEEE Transactions on Applied Superconductivity, 2011, 21, 2933-2936.	1.7	17
32	Infrared-light switching in highly oriented VO2 films on ZnO-buffered glasses with controlled phase transition temperatures. Solar Energy Materials and Solar Cells, 2019, 191, 9-14.	6.2	17
33	Epitaxy of (106)-oriented SrBi2Ta2O9 and SrBi2Nb2O9 thin films. Thin Solid Films, 1999, 353, 52-55.	1.8	16
34	Cerium oxide (CeO2) buffer layers for preparation of high-Jc YBCO films on large-area sapphire substrates (30 cmÃ—10 cm) by coating pyrolysis. Physica C: Superconductivity and Its Applications, 2004, 412-414, 1326-1330.	1.2	16
35	Epitaxial growth of NiO/Pd superlattices by reactive evaporation method. Thin Solid Films, 2000, 374, 21-26.	1.8	15
36	Preparation of (111)-Oriented Epitaxial Fe3â^'xO4 Films on Î±-Al2O3 (0001) Substrates by Coating-Pyrolysis Process Using Postepitaxial Topotaxy via (0001)-Oriented Î±-Fe2O3. Journal of Solid State Chemistry, 2002, 163, 239-247.	2.9	15

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37	Characterization of tin-doped indium oxide films prepared by coating photolysis process. Applied Surface Science, 2002, 197-198, 512-515.	6.1	15
38	2-D large-size YBCO films on sapphire for FCL prepared by coating-pyrolysis process. Physica C: Superconductivity and Its Applications, 2003, 392-396, 937-940.	1.2	15
39	Low temperature growth of epitaxial complex oxide films by an excimer laser MOD process. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2004, 109, 131-135.	3.5	15
40	Epitaxial growth of La0.7Ca0.3MnO3 thin films by KrF excimer laser assisted metal organic deposition process. Applied Surface Science, 2005, 247, 89-94.	6.1	15
41	Critical current density and microwave surface resistance of 5-cm-diameter YBCO films on LaAlO3 substrates prepared by MOD using an infrared image furnace. Physica C: Superconductivity and Its Applications, 2005, 417, 98-102.	1.2	15
42	Growth conditions, structural and magnetic properties of M/Fe3O4/I (M=Al, Ag and I=Al2O3, MgO) multilayers. Journal of Magnetism and Magnetic Materials, 2002, 247, 1-5.	2.3	14
43	Distribution of Inductive<tex>J_c</tex>in Two-Dimensional Large-Size YBCO Films Prepared by Fluorine-Free MOD on<tex>$rm CeO_2$</tex>-Buffered Sapphire. IEEE Transactions on Applied Superconductivity, 2005, 15, 2923-2926.	1.7	14
44	Substrate effect on the temperature coefficient of resistance of La0.7Ca0.3MnO3 thin films prepared by metal organic deposition. Journal of Electroceramics, 2006, 16, 527-532.	2.0	14
45	Preparation of Epitaxial YBCO Films by a Novel Excimer-Laser-Assisted MOD. IEEE Transactions on Applied Superconductivity, 2007, 17, 3612-3615.	1.7	14
46	Solid-state epitaxy of c-axis-oriented Yb124 films prepared by coating-pyrolysis process. Physica C: Superconductivity and Its Applications, 1998, 303, 53-56.	1.2	13
47	Characterization of 50-mm-diameter Y123 films prepared by a coating-pyrolysis process using an infrared image furnace. Physica C: Superconductivity and Its Applications, 2002, 378-381, 1236-1240.	1.2	13
48	Large Temperature Coefficient of Resistance in La0.7Ca0.3MnO3Thin Films Obtained by Metal Organic Deposition Process. Japanese Journal of Applied Physics, 2004, 43, L1054-L1056.	1.5	13
49	Metal Organic Deposition of Epitaxial Y123 Films Using a Low-Cost Vacuum Technique. IEEE Transactions on Applied Superconductivity, 2005, 15, 2927-2930.	1.7	13
50	Structural aspect of high-JcMOD-YBCO films prepared on large area CeO2-buffered YSZ substrates. Journal of Physics: Conference Series, 2006, 43, 349-352.	0.4	13
51	Dimpling in critical current density vs. magnetic field angle in YBa2Cu3O7 films irradiated with 3-MeV gold ions. Journal of Applied Physics, 2013, 114, 233911.	2.5	13
52	Preparation of Epitaxial BaTiO3 Thin Films by the Dipping-pyrolysis Process. Journal of Materials Research, 1997, 12, 1141-1144.	2.6	12
53	Dense and smooth epitaxial BaTiO3 thin films by the dipping-pyrolysis process. Journal of Materials Research, 1999, 14, 592-596.	2.6	12
54	Preparation of epitaxial SrBi₂Nb₂O₉ and SrBi₂Ta₂O₉ thin films by the coating-pyrolysis process. Journal of Materials Research, 1999, 14, 3090-3095.	2.6	11

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55	Low-temperature growth of SnO2 film prepared by XeCl excimer laser MOD process. Applied Physics A: Materials Science and Processing, 2004, 79, 1541-1544.	2.3	11
56	Surface resistances of 5-cm-diameter YBCO films prepared by MOD for microwave applications. Physica C: Superconductivity and Its Applications, 2006, 445-448, 823-827.	1.2	11
57	Increase of achievable film thickness by UV-lamp irradiation in a fluorine-free metal-organic deposition process of YBa2Cu3O7. Thin Solid Films, 2011, 519, 8063-8065.	1.8	11
58	Reduced crystallization time of YBCO in a fluorine-free MOD process using uv-lamp irradiation. Physica C: Superconductivity and Its Applications, 2011, 471, 960-962.	1.2	11
59	Preparation of epitaxial Pb(Zr,Ti)O3 thin films using coating photolysis process. Applied Surface Science, 2002, 197-198, 398-401.	6.1	10
60	Synthesis and Properties of Highly Conductive Thin Films as Buffer Layer from Sol-Gel Process. Journal of Sol-Gel Science and Technology, 2003, 26, 1049-1053.	2.4	10
61	Structural and magnetic properties of NiO/Pd multilayers. Journal of Magnetism and Magnetic Materials, 1998, 177-181, 1191-1192.	2.3	9
62	Variation of orientation and morphology of epitaxial SrBi₂Ta₂O₉ and SrBi₂Nb₂O₉ thin films via the coating-pyrolysis process. Journal of Materials Research, 2000, 15, 783-792.	2.6	9
63	Preparation of YBCO films on CeO2-buffered MgO substrates by coating pyrolysis. Physica C: Superconductivity and Its Applications, 2003, 392-396, 1256-1260.	1.2	9
64	Two-dimensional large-size Y Ba2Cu3O7films (30 Ã— 10 cm2) on CeO2-buffered sapphire by a coating pyrolysis process. Superconductor Science and Technology, 2004, 17, 354-357.	3.5	9
65	Topotaxy of Corundumâ€Type Tetramagnesium Diniobate and Ditantalate Layers on Rockâ€Saltâ€Type Magnesium Oxide Substrates. Journal of the American Ceramic Society, 1999, 82, 2061-2065.	3.8	9
66	Electrical Properties of La0.7Ca0.3MnO3Thin Films Obtained by Metal-Organic Deposition (MOD) using Excimer Laser and Thermal Annealing. Japanese Journal of Applied Physics, 2005, 44, 5129-5132.	1.5	9
67	Microstructure of Epitaxial Y123 Films on ${m CeO}_{2}$-Buffered YSZ Prepared by Fluorine-Free MOD. IEEE Transactions on Applied Superconductivity, 2007, 17, 3495-3498.	1.7	9
68	Enhanced flux pinning in MOD YBa2Cu3O7â^'Î´films by ion milling through anodic alumina templates. Superconductor Science and Technology, 2012, 25, 065005.	3.5	9
69	Preparation of epitaxial Fe3â^'xO4 films by dipping-pyrolysis process using COâ^'CO2 gas mixtures. Journal of Materials Research, 1998, 13, 935-938.	2.6	8
70	Epitaxial Growth of Bi4Ti3O12Thin Films on LaAlO3(012) and MgO(100) by Dipping-Pyrolysis Process. Japanese Journal of Applied Physics, 1999, 38, 219-220.	1.5	8
71	Effects of temperature and atmosphere on the epitaxial growth of hematite (Î±â€“Fe2O3) films on the R-, A- and C-planes of sapphire (Î±â€“Al2O3) by coating-pyrolysis process. Thin Solid Films, 2000, 365, 36-42.	1.8	8
72	Current Limiting Properties of MOD-YBCO Thin Films Stabilized With High-Resistivity Alloy Shunt Layer. IEEE Transactions on Applied Superconductivity, 2007, 17, 3479-3482.	1.7	8

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73	Preparation of YBCO films by an excimer-laser-assisted MOD by scanning irradiation. Physica C: Superconductivity and Its Applications, 2007, 463-465, 891-894.	1.2	8
74	Operation of superconducting fault current limiter using vacuum interrupter driven by electromagnetic repulsion force for commutating switch. Electrical Engineering in Japan (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	0.4	8
75	Crystallization behavior of Y123 films on CeO2-buffered YSZ substrates by fluorine-free metalâ€“organic deposition. Physica C: Superconductivity and Its Applications, 2008, 468, 1559-1562.	1.2	8
76	Lattice template effect on epitaxial Î³-Fe2O3 films prepared by metal organic deposition. Journal of Applied Physics, 2010, 107, 053908.	2.5	8
77	Excimer laser annealing method for achieving low electrical resistivity and high work function in transparent conductive amorphous In2O3:Zn films on a polyethylene terephthalate substrate. Thin Solid Films, 2020, 698, 137867.	1.8	8
78	Preparation and crystal structure of BaTiO3 thin film on LaAlO3 substrates by a coating-pyrolysis process. Materials Letters, 2002, 52, 169-172.	2.6	7
79	Preparation of large-size Y123 films on CeO2-buffered sapphire substrates by MOD using a low-cost vacuum technique. Physica C: Superconductivity and Its Applications, 2007, 463-465, 549-553.	1.2	7
80	500 V/200 A fault current limiter modules made of large-area MOD-YBa₂Cu₃O₇thin films with high-resistivity Auâ€“Ag alloy shunt layers. Superconductor Science and Technology, 2009, 22, 125007.	3.5	7
81	Preparation of Y123 Thick Films by Fluorine-Free MOD Using a Novel Solution. IEEE Transactions on Applied Superconductivity, 2011, 21, 2775-2778.	1.7	7
82	Influence of middle-energy ion-irradiation on the flux pinning properties of YBCO films: Comparison between different synthesis methods. Journal of Physics: Conference Series, 2014, 507, 022019.	0.4	7
83	Preparation of Double-Sided YBCO Films on LaAlO3 by MOD Using Commercially Available Coating Solution. IEICE Transactions on Electronics, 2006, E89-C, 186-190.	0.6	7
84	Enhancement of self-field critical current density by several-tens-MeV ion irradiation in YBa₂Cu₃O₇ films prepared by fluorine-free metal-organic deposition. Japanese Journal of Applied Physics, 2022, 61, 043001.	1.5	7
85	Effects of p(O2) and p(CO2) on epitaxial growth of BaTiO3 thin films on MgO(100) substrates by using metal organic acid salts. Thin Solid Films, 1997, 310, 199-202.	1.8	6
86	Preparation of (001)- and (114)-oriented epitaxial thin films of Bi2VO5.5 by a coating pyrolysis process. Thin Solid Films, 2003, 425, 97-102.	1.8	6
87	Preparation of high-Jc Y123 films on CeO2-buffered sapphire substrates by MOD using a low-cost vacuum technique. Physica C: Superconductivity and Its Applications, 2006, 445-448, 603-607.	1.2	6
88	Study of kV Class Current Limiting Unit With YBCO Thin Films. IEEE Transactions on Applied Superconductivity, 2007, 17, 1986-1989.	1.7	6
89	Enhanced Jc of MOD-YBCO Films by Modifying Surface States of CeO2 Buffer Layers on Sapphire Substrates. Physics Procedia, 2013, 45, 177-180.	1.2	6
90	Origin of the dimpled critical-current-versus-magnetic-field-angle relation in YBa2Cu3O7films studied using sub-MeV ion irradiation. Superconductor Science and Technology, 2016, 29, 065002.	3.5	6

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91	Low temperature vanadium oxide thin film sintering by thermal and excimer-laser-assisted Metal-Organic Deposition (MOD). Ceramics International, 2018, 44, S26-S29.	4.8	6
92	Control of the oxygen deficiency and work function of SrFeO3â^'Î´ thin films by excimer laser-assisted metal organic decomposition. CrystEngComm, 2020, 22, 4685-4691.	2.6	6
93	Carbon dioxide controlled annealing method for preparation of YBa2Cu3O7â^'y films by dipping-pyrolysis process. Physica C: Superconductivity and Its Applications, 1997, 276, 160-166.	1.2	5
94	X-Ray Diffraction Studies of Epitaxial La0.5Sr0.5CoO3Thin Films Prepared by the Dipping-Pyrolysis Process. Japanese Journal of Applied Physics, 1999, 38, 6489-6490.	1.5	5
95	Ferroelectric Properties of (001)- and (106)-Oriented SrBi2Ta2O9 Epitaxial Thin Films. Journal of Sol-Gel Science and Technology, 2000, 19, 549-552.	2.4	5
96	Characterization of epitaxial thin films of Bi2VO5.5 on La-doped SrTiO3 substrates prepared by coating-pyrolysis process. Thin Solid Films, 2002, 422, 73-79.	1.8	5
97	Origin of simultaneous enhancement of work function and carrier concentration in In2O3 films by excimer-laser irradiation. Applied Physics Letters, 2021, 118, .	3.3	5
98	Fabrication of Double-Sided YBa2Cu3O7 Films on CeO2-Buffered Sapphire Substrates by MOD Process. IEICE Transactions on Electronics, 2006, E89-C, 182-185.	0.6	5
99	Application Study of a High Temperature Superconducting Fault Current Limiter for Electric Power System. IEEJ Transactions on Power and Energy, 2005, 125, 103-110.	0.2	5
100	Sr-substitution limit at 760â€“800Â°C in epitaxial Yb(Ba1â^'xSrx)2Cu4O8 films prepared by coatingâ€“pyrolysis process. Physica C: Superconductivity and Its Applications, 1999, 313, 313-318.	1.2	4
101	Preparation of Epitaxial YBa2Cu3O7-y/CeO2Multilayer Films on Yttria-stabilized Zirconia (100) by All-Coating-Pyrolysis Process. Japanese Journal of Applied Physics, 2001, 40, 4866-4869.	1.5	4
102	Microstructural observations of epitaxial Y123 films on CeO2-buffered sapphire by metal organic deposition. Journal of Physics: Conference Series, 2006, 43, 369-372.	0.4	4
103	Application study of a high-temperature superconducting fault current limiter for electric power system. Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi), 2006, 155, 20-29.	0.4	4
104	Distribution of $J_{m c}$ in Rectangular-Shaped YBCO Films Prepared by MOD Using Various Coating Methods. IEEE Transactions on Applied Superconductivity, 2007, 17, 3491-3494.	1.7	4
105	Epitaxial Growth of La0.7Ba0.3MnO3Thin Films on SrTiO3and LaAlO3Substrates by Metal-Organic Deposition. Japanese Journal of Applied Physics, 2007, 46, 2530-2533.	1.5	4
106	Normal zone propagation in superconducting thin-film fault current limiting elements with Au-Ag alloy shunt layers. Journal of Physics: Conference Series, 2008, 97, 012031.	0.4	4
107	Methods to Increase Current Capacity of Superconducting Thin-Film Fault Current Limiter Using Au-Ag Alloy Shunt Layers. IEEE Transactions on Applied Superconductivity, 2009, 19, 1863-1867.	1.7	4
108	Partial Substitution of Rare-Earth Ions for Yttrium Through Multi-Layer Precursors in the YBa2Cu3O7 Films Grown by Fluorine-Free Metal Organic Deposition. Physics Procedia, 2012, 36, 1643-1648.	1.2	4

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109	Title is missing!. Journal of Sol-Gel Science and Technology, 2000, 19, 753-757.	2.4	3
110	Preparation, characterization and property of (BiS)xTS2-type ternary chalcogenides (T=V, Nb and Ta) with layered composite crystal structure. Solid State Ionics, 2004, 172, 519-522.	2.7	3
111	Temperature dependence of atomic modulation in the incommensurate composite crystal structure of (Sr2Cu2O3)0.70CuO2, â€˜Sr14Cu24O41â€™. Physica C: Superconductivity and Its Applications, 2006, 445-448, 107-110.	1.2	3
112	Measurement of Jc and n-value for (Y1â^’xGdx)Ba2Cu3Oy films prepared by MOD. Physica C: Superconductivity and Its Applications, 2010, 470, 1449-1451.	1.2	3
113	Preparation of YBa2Cu3O7-Î´Micropatterns Using Metalâ€"Organic Deposition with Electron Beam. Japanese Journal of Applied Physics, 2010, 49, 081101.	1.5	3
114	Simultaneous realization of infrared-light switching and high visible-light transmittance in extremely thin VO2 films grown on ZnO-nanorods buffered glasses. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2020, 38, .	2.1	3
115	Preparation of YBCO Films by CP-Process for HTS Microwave Filters. , 2000, , 927-929.		3
116	Characterization of Epitaxial YBCO Films on SrTiO3(001) Prepared by Dipping-Pyrolysis Process. , 1995, , 625-628.		3
117	Texture and phase control of magnetron-sputtered VO2 thin films with an Al-doped ZnO seed layer using topotactic oxidization. Surface and Coatings Technology, 2020, 394, 125769.	4.8	3
118	Effect of surface treatment of substrates on epitaxial Î±-Fe2O3 films by coating-pyrolysis process. Thin Solid Films, 2001, 391, 157-161.	1.8	2
119	Preparation of YBa2Cu3O7â^’x/EuAlO3 multilayer films on Î±-Al2O3 substrates by all-coating-pyrolysis process. Physica C: Superconductivity and Its Applications, 2002, 382, 269-275.	1.2	2
120	Structure analysis of mutually incommensurate composite crystal (Ca0.5Y0.5)0.80CuO2. Journal of Alloys and Compounds, 2006, 408-412, 1226-1229.	5.5	2
121	Rectangular (1 cm Ã—12 cm) YBCO films prepared by MOD using spin-coating and wire-bar coating. Journal of Physics: Conference Series, 2006, 43, 366-368.	0.4	2
122	Operating characteristics of superconducting fault current limiter using 24kV vacuum interrupter driven by electromagnetic repulsion switch. Journal of Physics: Conference Series, 2008, 97, 012068.	0.4	2
123	Line-beam scan irradiation for preparation of YBCO films with high-Jc by excimer-laser-assisted MOD (ELAMOD). Physica C: Superconductivity and Its Applications, 2009, 469, 1541-1544.	1.2	2
124	Environment-resistive coating for the thin-film-based superconducting fault-current limiter Ag/Auâ€"Ag/YBa2Cu3O7/CeO2/Al2O3. Physica C: Superconductivity and Its Applications, 2010, 470, 221-224.	1.2	2
125	Homoepitaxial growth of MOD-YBCO thick films on evaporated and MOD templates. Physica C: Superconductivity and Its Applications, 2011, 471, 956-959.	1.2	2
126	Study of Superconductor Recovery Time Characteristics and High-Speed Reclosing of Electromagnetic Repulsion Switch. Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi), 2011, 175, 12-19.	0.4	2

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127	Preparation of superconducting films by metal organic deposition. Synthesiology, 2014, 7, 247-257.	0.2	2
128	Preparation of Epitaxial and Polycrystalline La0.8Sr0.2MnO3 Films by Dipping-Pyrolysis Process. Materials Research Society Symposia Proceedings, 1997, 474, 253.	0.1	1
129	Superspace group description of modulated composite crystal (Sr2Cu2O3)0.70CuO2, â€œSr14Cu24O41â€• with two-legged ladder and 1D chain. Physica C: Superconductivity and Its Applications, 2001, 357-360, 384-387.	1.2	1
130	Tc enhancement by partial substitution of Ca in superconducting YbBa2Cu4O8 epitaxial films prepared by coating-pyrolysis process. Journal of Crystal Growth, 2001, 229, 365-368.	1.5	1
131	Modulated structure analysis of composite crystal (Sr2Cu2O3)0.70CuO2, â€œSr14Cu24O41â€•with two-legged ladder and one-dimensional chain. Ferroelectrics, 2001, 250, 19-22.	0.6	1
132	Preparation of YBa2Cu3O7â^'y films by coating pyrolysis using a novel fluorine-contained complex solution. Physica C: Superconductivity and Its Applications, 2002, 378-381, 1017-1023.	1.2	1
133	Preparation of Y123 films on REAlO3-buffered off-cut substrates of R-plane sapphire. Physica C: Superconductivity and Its Applications, 2002, 378-381, 1227-1231.	1.2	1
134	Role of atomic modulation in the incommensurate composite crystal structure of (Sr2Cu2O3)0.70CuO2, â€œSr14Cu24O41â€•with two-legged ladder and one-dimensional chain. Physica C: Superconductivity and Its Applications, 2005, 426-431, 416-420.	1.2	1
135	The structural representation and properties of mutually incommensurate composite crystal (BiS)xTS2(T = Ti, V, Nb and Ta). Physica Status Solidi (A) Applications and Materials Science, 2006, 203, 2852-2855.	1.8	1
136	Effects of backside irradiation on Jc properties of YBCO films prepared by excimer-laser-assisted MOD (ELAMOD). Physica C: Superconductivity and Its Applications, 2008, 468, 1873-1875.	1.2	1
137	Cerium Oxide Buffer Layers on Perovskite-Type Substrates for Preparation of c-Axis-Oriented ${m YBa}_{2}{m Cu}_{3}{m O}_{7}$ Films by Fluorine-Free Metalorganic Deposition. IEEE Transactions on Applied Superconductivity, 2009, 19, 3463-3466.	1.7	1
138	Enhancement of in-field critical current density by irradiation of MeV-energy ions in YBCO films prepared by fluorine-free metal-organic deposition. Physics Procedia, 2012, 27, 276-279.	1.2	1
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