

# Kaname Matsumoto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12140987/publications.pdf>

Version: 2024-02-01

111  
papers

2,431  
citations

257101

24  
h-index

233125

45  
g-index

114  
all docs

114  
docs citations

114  
times ranked

971  
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial pinning center technology to enhance vortex pinning in YBCO coated conductors. Superconductor Science and Technology, 2010, 23, 014001.	1.8	289
2	Ultra-high flux pinning properties of BaMO <sub>3</sub> -doped YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> thin films (M = Zr, Sn). Superconductor Science and Technology, 2008, 21, 032002.	1.8	237
3	Critical Current Control in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> - $\delta$ Films Using Artificial Pinning Centers. Japanese Journal of Applied Physics, 2005, 44, L246-L248.	0.8	116
4	High-temperature-superconductor coated conductors: technical progress in Japan. Superconductor Science and Technology, 2000, 13, 68-81.	1.8	100
5	Microstructures and critical current densities of YBCO films containing structure-controlled BaZrO <sub>3</sub> nanorods. Superconductor Science and Technology, 2007, 20, 1144-1150.	1.8	88
6	Improvement by double artificial pinning centers of BaSnO <sub>3</sub> nanorods and Y <sub>2</sub> O <sub>3</sub> nanoparticles in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> coated conductors. Superconductor Science and Technology, 2013, 26, 075019.	1.8	79
7	Critical Current Density Enhancement around a Matching Field in ErBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> - $\delta$ Films with BaZrO <sub>3</sub> Nano-Rods. Japanese Journal of Applied Physics, 2005, 44, L952-L954.	0.8	78
8	Structural Evolution Induced by Interfacial Lattice Mismatch in Self-Organized YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> Nanocomposite Film. ACS Nano, 2017, 11, 1780-1788.	7.3	63
9	High-Critical-Current-Density Epitaxial Films of SmBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> in High Fields. Japanese Journal of Applied Physics, 2005, 44, L129-L132.	0.8	55
10	Enhanced J <sub>c</sub> properties in superconducting NbTi composites by introducing Nb artificial pins with a layered structure. Applied Physics Letters, 1994, 64, 115-117.	1.5	51
11	High-Critical-Current-Density SmBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> Films Induced by Surface Nanoparticle. Japanese Journal of Applied Physics, 2005, 44, L546-L548.	0.8	51
12	High critical current density YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> tapes prepared by the surface-oxidation epitaxy method. Physica C: Superconductivity and Its Applications, 2000, 330, 150-154.	0.6	49
13	Flux pinning properties and microstructure of SmBa <sub>2</sub> Cu <sub>3</sub> O <sub>y</sub> thin films with systematically controlled BaZrO <sub>3</sub> nanorods. Journal of Applied Physics, 2010, 108, 093905.	1.1	45
14	High pinning performance of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> films added with Y <sub>2</sub> O <sub>3</sub> nanoparticulate defects. Superconductor Science and Technology, 2015, 28, 024002.	1.8	40
15	Superconductive REBCO Thin Films and Their Nanocomposites: The Role of Rare-Earth Oxides in Promoting Sustainable Energy. Frontiers in Physics, 2019, 7, .	1.0	40
16	High critical current density YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> films on surface-oxidized metallic substrates. Physica C: Superconductivity and Its Applications, 2000, 335, 39-43.	0.6	39
17	Influence of matching field on critical current density and irreversibility temperature in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> films with BaMO <sub>3</sub> (M = Zr, Sn, Hf) nanorods. Applied Physics Letters, 2016, 108, .	1.5	39
18	FeTeSe epitaxial thin films with enhanced superconducting properties. Superconductor Science and Technology, 2012, 25, 084021.	1.8	36

#	ARTICLE	IF	CITATIONS
19	Dislocation Density and Critical Current Density of $\text{Sm}_{1+x}\text{Ba}_{2-x}\text{Cu}_3\text{O}_y$ Films Prepared by Various Fabrication Processes. Japanese Journal of Applied Physics, 2006, 45, L701-L704.	0.8	30
20	The crossover from the vortex glass to the Bose glass in nanostructured $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ films. Applied Physics Letters, 2008, 92, 182511.	1.5	30
21	Development of thermoelectric module based on dense $\text{Ca}_3\text{Co}_4\text{O}_9$ and $\text{Zn}_{0.98}\text{Al}_{0.02}\text{O}$ legs. Metals and Materials International, 2014, 20, 389-397.	1.8	30
22	Flux Pinning Properties at Low Temperatures in $\text{SmBa}_2\text{Cu}_3\text{O}_y$ Doped $\text{SmBa}_2\text{Cu}_3\text{O}_y$ Films. IEEE Transactions on Applied Superconductivity, 2013, 23, 8001104-8001104.	1.1	28
23	Thermoelectric Property in Orthorhombic-Domined SnSe Film. ACS Applied Materials & Interfaces, 2019, 11, 27057-27063.	4.0	28
24	c-axis correlated pinning behavior near the irreversibility fields. Applied Physics Letters, 2007, 90, 122501.	1.5	26
25	Irreversibility fields and critical current densities in strongly pinned $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ films with $\text{BaSnO}_3$ nanorods: The influence of segmented $\text{BaSnO}_3$ nanorods. Journal of Applied Physics, 2014, 116, .	1.1	25
26	Isotropic enhancement in the critical current density of YBCO thin films incorporating nanoscale $\text{Y}_2\text{BaCuO}_5$ inclusions. Journal of Applied Physics, 2017, 122, .	1.1	25
27	Flux pinning properties and microstructures of a $\text{SmBa}_2\text{Cu}_3\text{O}_y$ film with high number density of $\text{BaHfO}_3$ nanorods deposited by using low-temperature growth technique. Japanese Journal of Applied Physics, 2014, 53, 090304.	0.8	24
28	Enhancement of Critical Current Density in $\text{ErBa}_2\text{Cu}_3\text{O}_y$ Thin Films by Post-Annealing. Japanese Journal of Applied Physics, 2004, 43, L1223-L1225.	0.8	22
29	Control of the glass-liquid transition temperature in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ films. Physical Review B, 2009, 79, .	1.1	22
30	Flux pinning landscape up to 25 T in $\text{SmBa}_2\text{Cu}_3\text{O}_y$ films with $\text{BaHfO}_3$ nanorods fabricated by low-temperature growth technique. Superconductor Science and Technology, 2017, 30, 104004.	1.8	22
31	Tailoring the vortex pinning strength of YBCO thin films by systematic incorporation of hybrid artificial pinning centers. Superconductor Science and Technology, 2015, 28, 114004.	1.8	21
32	Pin potential effect on vortex pinning in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ films containing nanorods: Pin size effect and mixed pinning. Applied Physics Letters, 2017, 110, .	1.5	21
33	Reduction of Surface Resistance of $\text{ErBa}_2\text{Cu}_3\text{O}_{7-x}$ Films by $\text{BaZrO}_3$ Nano-Particle Inclusion. Japanese Journal of Applied Physics, 2004, 43, L1623-L1625.	0.8	19
34	Elastic strain evolution in nanocomposite structure of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x} + \text{BaZrO}_3$ superconducting films. Japanese Journal of Applied Physics, 2014, 53, 083101.	0.8	19
35	Geometric and compositional factors on critical current density in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ films containing nanorods. Superconductor Science and Technology, 2018, 31, 065012.	1.1	18
36	Geometric and compositional factors on critical current density in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ films containing nanorods. Superconductor Science and Technology, 2018, 31, 065012.	1.8	18

#	ARTICLE	IF	CITATIONS
37	Evaluation of vortex pinning across low angle grain boundary in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ film. Applied Physics Letters, 2012, 101, 112604.	1.5	17
38	Effective Disappearance of the Meissner Signal in the Cuprate Superconductor $\text{YBa}_2\text{Cu}_4\text{O}_8$ under Uniaxial Strain. Journal of the Physical Society of Japan, 2014, 83, 023705.	0.7	17
39	Delocalization of vortex in $\text{SmBa}_2\text{Cu}_3\text{O}_{7-x}$ superconducting films with $\text{BaHfO}_3$ nano-rods. Journal of Applied Physics, 2016, 120, .	1.1	17
40	Long length oxide template for YBCO coated conductor prepared by surface-oxidation epitaxy method. Physica C: Superconductivity and Its Applications, 2001, 357-360, 914-922.	0.6	16
41	Effect of $\text{BaHfO}_3$ introduction on the transport current at the grain boundaries in $\text{SmBa}_2\text{Cu}_3\text{O}_y$ films. Applied Physics Express, 2015, 8, 033101.	1.1	15
42	Controlling the Critical Current Anisotropy of YBCO Superconducting Films by Incorporating Hybrid Artificial Pinning Centers. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.1	15
43	Uniaxial strain effects on the superconducting transition in Re-doped Hg-1223 cuprate superconductors. Physical Review B, 2017, 95, .	1.1	15
44	In-plane alignment and superconducting properties in high- $J_c$ $\text{Sm}_{1-x}\text{Ba}_2\text{Cu}_3\text{O}_{6+x}$ thin films. Physica C: Superconductivity and Its Applications, 2005, 426-431, 985-989.	0.6	14
45	Moiré Fringe Analysis of $\text{BaZrO}_3$ Nanorods in $\text{ErBa}_2\text{Cu}_3\text{O}_7-x$ Films. Japanese Journal of Applied Physics, 2007, 46, 708-711.	0.8	14
46	Hybrid artificial pinning centers of elongated-nanorods and segmented-nanorods in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ films. Superconductor Science and Technology, 2016, 29, 105010.	1.8	14
47	Surface-oxidation epitaxy method to control critical current of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ coated conductors. Physica C: Superconductivity and Its Applications, 2002, 378-381, 922-926.	0.6	13
48	Anisotropic strain dependence of oxygen vacancy formation in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ : first principle study. Superconductor Science and Technology, 2014, 27, 115013.	1.8	13
49	Proximity coupling effect in NbTi fine- $\epsilon$ multifilamentary superconducting composites. Applied Physics Letters, 1990, 57, 816-818.	1.5	12
50	Addition of low- $T_c$ nanoparticles dispersions to enhance flux pinning of $\text{Sm}_{1-x}\text{Ba}_2\text{Cu}_3\text{O}_y$ films. Physica C: Superconductivity and Its Applications, 2006, 445-448, 643-647.	0.6	12
51	Irreversibility Fields and Critical Current Densities in Strongly Pinned $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ Films With Artificial Pinning Centers. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-6.	1.1	12
52	Possibility of High Deposition Rate in $\text{SmBa}_2\text{Cu}_3\text{O}_y$ Films Prepared Using the Vapor- $\epsilon$ “Liquid- $\epsilon$ “Solid Growth Mode. Japanese Journal of Applied Physics, 2006, 45, 758-760.	0.8	11
53	Transmission Electron Microscopy Analysis of Nanorods in $\text{BaSnO}_3$ -Doped $\text{ErBa}_2\text{Cu}_3\text{O}_{7-x}$ Films. Japanese Journal of Applied Physics, 2008, 47, 899-903.	0.8	11
54	Uniaxial Strain Effects on Cuprate Superconductor $\text{YBa}_2\text{Cu}_4\text{O}_8$ . Journal of the Physical Society of Japan, 2012, 81, 113709.	0.7	11

#	ARTICLE	IF	CITATIONS
55	Influence of strain and composition on Tc in FeSe <sub>1-x</sub> Te <sub>x</sub> films. Journal of Applied Physics, 2014, 116, 213906.	1.1	11
56	Strongly enhanced irreversibility field and flux pinning force density in SmBa <sub>2</sub> Cu <sub>3</sub> O <sub>y</sub> -coated conductors with well-aligned BaHfO <sub>3</sub> nanorods. Applied Physics Express, 2017, 10, 103101.	1.1	11
57	Development of Al <sub>2</sub> O <sub>3</sub> -ZnO/Ca <sub>3</sub> Co <sub>4</sub> O <sub>9</sub> Module for Thermoelectric Power Generation. Materials Research Society Symposia Proceedings, 2009, 1166, 23.	0.1	10
58	Variation of c-axis correlation on vortex pinning by ab-plane non-superconducting layers in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> films. Journal of Applied Physics, 2013, 114, 073903.	1.1	10
59	Systematic Variation of Hybrid APCs Into YBCO Thin Films for Improving the Vortex Pinning Properties. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-5.	1.1	10
60	Effect of Simultaneous Addition of 1D and 3D Artificial Pinning Centers in Hybrid YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> Multilayers. Science of Advanced Materials, 2017, 9, 1042-1050.	0.1	10
61	Characterization of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> films grown on NiO buffer layer by liquid-phase epitaxy process. Physica C: Superconductivity and Its Applications, 2001, 357-360, 1042-1045.	0.6	9
62	BaMO <sub>3</sub> (M=Zr, Hf, Sn) material dependence of T <sub>c</sub> reduction in BaMO <sub>3</sub> -doped SmBa <sub>2</sub> Cu <sub>3</sub> O <sub>y</sub> films. Journal of Physics: Conference Series, 2014, 507, 022043.	0.3	9
63	Uniaxial Strain Effects on Superconducting Transition in Y <sub>0.98</sub> Ca <sub>0.02</sub> Ba <sub>2</sub> Cu <sub>4</sub> O <sub>8</sub> . Journal of the Physical Society of Japan, 2016, 85, 024711.	0.7	9
64	Artificial pinning centers in (Y, RE)-Ba-Cu-O superconductors: recent progress and future perspective. Superconductor Science and Technology, 2020, 33, 040301.	1.8	9
65	Nonlocal self-organization of long stacking faults from highly strained nanocomposite film of complex oxide. Physical Review Materials, 2019, 3, .	0.9	9
66	Flux Pinning Characteristics of Artificial Pinning Centers With Different Dimension. IEEE Transactions on Applied Superconductivity, 2009, 19, 3248-3253.	1.1	8
67	Strong-c-axis correlated pinning and hybrid pinning in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> films containing BaHfO <sub>3</sub> nanorods and stacking faults. Superconductor Science and Technology, 2017, 30, 074009.	1.8	8
68	C-axis correlated pinning mechanism in vortex liquid and solid phases for Sm123 film with well-aligned BaHfO <sub>3</sub> nanorods. Superconductor Science and Technology, 2017, 30, 114005.	1.8	8
69	Temperature dependence of critical currents in REBCO thin films with artificial pinning centers. Superconductor Science and Technology, 2017, 30, 104006.	1.8	7
70	Thermoelectric Property of n-Type Bismuth-Doped SnSe Film: Influence of Characteristic Film Defect. ACS Applied Energy Materials, 2021, 4, 9563-9571.	2.5	7
71	Anisotropy and Lorentz-Force Dependences of Critical Current Density in C-Axis-Oriented YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> Thin Film. Japanese Journal of Applied Physics, 2005, 44, L111-L113.	0.8	6
72	c-Axis-Correlated Vortex Pinning Center Induced by Dilute Co-doping in Pulsed-Laser-Deposition-ErBa <sub>2</sub> Cu <sub>3</sub> O <sub>y</sub> Films. Japanese Journal of Applied Physics, 2006, 45, L617-L620.	0.8	6

#	ARTICLE	IF	CITATIONS
73	Flux Pinning Characteristics of $\text{Sm}_{1+x}\text{Ba}_{2-x}\text{Cu}_3\text{O}_y$ Films With the Additional $c$ -Axis Correlated Pinning Centers. IEEE Transactions on Applied Superconductivity, 2009, 19, 3507-3510.	1.1	6
74	Flux Pinning Properties and Microstructure in $\text{Sm}_{1+x}\text{Ba}_{2-x}\text{Cu}_3\text{O}_y$ Films With $\text{BaZrO}_3$ Nanorods Fabricated by Vapor-Liquid-Solid Growth Technique. IEEE Transactions on Applied Superconductivity, 2009, 19, 3168-3171.	1.1	6
75	Combined effect of nanorod and stacking fault for improving nanorod interface in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ nanocomposite films. Superconductor Science and Technology, 2020, 33, 115001.	1.8	6
76	Fabrication of seed/buffer layers on metallic substrates for YBCO coated conductors. Physica C: Superconductivity and Its Applications, 2001, 357-360, 979-982.	0.6	5
77	Effect of $c$ -Axis-Correlated Disorders on the Vortex Diagram of the Pinning State. Applied Physics Express, 0, 1, 031703.	1.1	5
78	Magnetic Field of BG-VG Transition Depending on the Nanorods Shape in $\text{BaHfO}_3$ -Doped $\text{SmBa}_2\text{Cu}_3\text{O}_y$ Films. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.1	5
79	Observation of inhomogeneous depinning in $\text{YBa}_2\text{Cu}_3\text{O}_7$ composite multilayers. Superconductor Science and Technology, 2019, 32, 085001.	1.8	5
80	Nanostructures and flux pinning properties in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ thin films with double perovskite $\text{Ba}_2\text{LuNbO}_6$ nanorods. Journal of Applied Physics, 2021, 129, 195301.	1.1	5
81	Simultaneous achievement of high $J_c$ and suppressed $J_c$ anisotropy by hybrid pinning in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ three-phase-nanocomposite film. Superconductor Science and Technology, 2020, 33, 105003.	1.8	5
82	Effects of Growth Conditions on One-dimensional Nanorod Growth in $\text{REBa}_2\text{Cu}_3\text{O}_{7-\delta}$ Films. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan), 2009, 44, 535-542.	0.1	5
83	Characteristics of multifilamentary wires for a.c. use developed by the bronze process using diffusion barrier techniques. Superconductor Science and Technology, 1996, 9, 218-226.	1.8	4
84	Comparative study of carrier concentration and reciprocal space mapping in $\text{SmBa}_2\text{Cu}_3\text{O}_y$ thin films with high critical current density. Physica C: Superconductivity and Its Applications, 2006, 445-448, 689-693.	0.6	4
85	Enhanced Critical Current under a Magnetic Field in $\text{Sm}_{1+x}\text{Ba}_{2-x}\text{Cu}_3\text{O}_y$ Thick Films Prepared Using Low-temperature Growth Technique. Japanese Journal of Applied Physics, 2007, 46, L807-L809.	0.8	4
86	Improved Flux Pinning in Nanostructured REBCO Films Controlling the APC Growth Mechanism. IEEE Transactions on Applied Superconductivity, 2009, 19, 3262-3265.	1.1	4
87	Improvement of critical current densities in $\text{SmBa}_2\text{Cu}_3\text{O}_y$ films with $\text{BaHfO}_3$ nano-rods using low temperature growth technique. Journal of Physics: Conference Series, 2014, 507, 022021.	0.3	4
88	Flux-pinning Properties and Microstructure in $\text{SmBa}_2\text{Cu}_3\text{O}_y$ Thin Films with $\text{BaZrO}_3$ Nanorods. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan), 2009, 44, 549-557.	0.1	4
89	Fabrication and critical current density analysis of $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}(\text{BaSnO}_3)_x/\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}(\text{BaSnO}_3)_x$ multilayer films. Superconductor Science and Technology, 2016, 29, 085002.	1.8	3
90	Overcoming optimization constraint for $J_c$ by hybrid pinning in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ films containing nanorods. Japanese Journal of Applied Physics, 2021, 60, 023001.	0.8	3

#	ARTICLE	IF	CITATIONS
91	Self-Organized Nanocomposite Structure Controlled by Elemental Site Occupancy to Improve Vortex Pinning in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ Superconducting Films. ACS Applied Electronic Materials, 2022, 4, 3018-3026.	2.0	3
92	High critical current density and its magnetic fields dependence in $(\text{Sm},\text{Eu},\text{Gd})\text{Ba}_2\text{Cu}_3\text{O}_y$ films by using multiple targets. Physica C: Superconductivity and Its Applications, 2013, 484, 130-133.	0.6	2
93	Deposition-Temperature Dependence of Vortex Pinning Property in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}+\text{BaHfO}_3$ Films. Materials Transactions, 2020, 61, 449-454.	0.4	2
94	Interfaces in REBCO-Based Nanocomposite Thin Films and their Contribution to Vortex Pinning. , 2021, , 205-221.		2
95	Oxygen-Annealing Effects on Superconducting Properties of $\text{ErBa}_2\text{Cu}_3\text{O}_y$ Thin Films Fabricated by Pulsed Laser Deposition Method. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2004, 68, 748-755.	0.2	1
96	Introduction of Artificial Pinning Centers to Improve $J_c$ Properties of $\text{REBa}_2\text{Cu}_3\text{O}_y$ Films under Magnetic Fields. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2010, 74, 409-415.	0.2	1
97	PM-07 Structure Characterization of Bi-Doped SnSe Thin Films Fabricated by Pulse Laser Deposition. Microscopy (Oxford, England), 2019, 68, i38-i38.	0.7	1
98	Angular vortex phase diagram in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ films with c-axis correlated pinning centers. Superconductor Science and Technology, 2021, 34, 085015.	1.8	1
99	Self-organized formation of a-few-nanometer sized nanocolumns in chalcogenide-oxide nanocomposite film. Thin Solid Films, 2021, 733, 138802.	0.8	1
100	Deposition-Temperature Dependence of Vortex Pinning Property in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}+\text{BaHfO}_3$ Film. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2019, 83, 320-326.	0.2	1
101	Perovskite Structures in the Formation of Nano-rods in $\text{REBa}_2\text{Cu}_3\text{O}_{7-\Delta}$ . Films Self-organization to perovskite structures. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan), 2009, 44, 25-31.	0.1	1
102	Superconducting Properties and Microstructures of $\text{BaHfO}_3$ -doped $\text{SmBa}_2\text{Cu}_3\text{O}_y$ Films Fabricated using a Low-temperature Growth Technique. TEION KOGAKU (Journal of Cryogenics and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 297 Td (S		
103	Fabrication of $\text{Fe}(\text{Te},\text{Se})$ films added with oxide or chalcogenide: Influence of added material on phase formation and superconducting properties. Journal of Applied Physics, 2022, 131, 103901.	1.1	1
104	Microstructures of High- $T_c$ Superconducting Films Introduced Zero-Dimensional and One-Dimensional Artificial Pinning Centers. IEEE Transactions on Applied Superconductivity, 2007, 17, 3701-3704.	1.1	0
105	Growth of $\text{BaSnO}_3$ Doped $\text{ErBa}_2\text{Cu}_3\text{O}_{7-\Delta}$ Thin Films on MgO Substrates for High $J_c$ Applications. IEEE Transactions on Applied Superconductivity, 2009, 19, 3416-3419.	1.1	0
106	Effect of $\text{BaZrO}_3$ Addition and Film Growth on Superconducting Properties of $(\text{m})$ Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14 Superconductivity, 2009, 19, 3144-3147.	1.1	0
107	High Performance Superconducting Materials &mdash;Progress of Microstructure Control. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2016, 80, 395-395.	0.2	0
108	Control of Critical Current Density Properties of Superconducting Films by Control of Their Microstructures. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2016, 80, 420-427.	0.2	0

#	ARTICLE	IF	CITATIONS
109	Development of High-performance YBCO Tapes Containing Hybrid APCs. TEION KOGAKU (Journal of Tj ETQq1 1 0.784314 rgBT /Overlo	0.1	0
110	Uniaxial Compression Effects on Cuprate Superconductors. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 2019, 29, 262-271.	0.1	0
111	Aligned Self-Organization Induced by Epitaxial Stress and Shear Deformation in Jahnâ€Teller Spinel ZnMnCaO4. Journal of Physical Chemistry C, 0, , .	1.5	0