Yusuke Ichino

List of Publications by Year
in descending order

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		759233	839539
51	360	12	18
papers	citations	h-index	g-index

51	51	51	206
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Flux pinning properties and microstructure of SmBa2Cu3Oy thin films with systematically controlled BaZrO3 nanorods. Journal of Applied Physics, 2010, 108, 093905.	2.5	45
2	High-performance irreversibility field and flux pinning force density in BaHfO3-doped GdBa2Cu3Oytape prepared by pulsed laser deposition. Applied Physics Express, 2015, 8, 023101.	2.4	45
3	Flux Pinning Properties at Low Temperatures in $ hbox{BaHfO}_{3}$ Doped $hbox{SmBa}_{2}hbox{Cu}_{3} hbox{O}_{y}$ Films. IEEE Transactions on Applied Superconductivity, 2013, 23, 8001104-8001104.	1.7	28
4	Flux pinning properties and microstructures of a SmBa2Cu3Oyfilm with high number density of BaHfO3nanorods deposited by using low-temperature growth technique. Japanese Journal of Applied Physics, 2014, 53, 090304.	1.5	24
5	Flux pinning landscape up to 25 T in SmBa₂Cu₃O_yfilms with BaHfO₃nanorods fabricated by low-temperature growth technique. Superconductor Science and Technology, 2017, 30, 104004.	3.5	22
6	Fabrication of photocatalytically active vanadium oxide nanostructures via plasma route. Journal Physics D: Applied Physics, 2018, 51, 215201.	2.8	20
7	Delocalization of vortex in SmBa2Cu3O7â"Î´ superconducting films with BaHfO3 nano-rods. Journal of Applied Physics, 2016, 120, .	2.5	17
8	Effect of BaHfO3introduction on the transport current at the grain boundaries in SmBa2Cu3Oyfilms. Applied Physics Express, 2015, 8, 033101.	2.4	15
9	Three-dimensional Monte Carlo simulation of nanorod self-organization in REBa₂Cu₃O_y thin films grown by vapor phase epitaxy. Japanese Journal of Applied Physics, 2017, 56, 015601.	1.5	15
10	Influences of oxygen pressure and substrate temperature on the quality of NdBa2Cu3Oxthin films prepared by pulsed laser deposition. Superconductor Science and Technology, 2004, 17, 775-780.	3.5	13
11	Flux Pinning Properties and Microstructures of Multilayered Films Consisting of Sm1.04Ba1.96Cu3OyLayers and BaSnO3-Doped Sm1.04Ba1.96Cu3OyLayers. Japanese Journal of Applied Physics, 2013, 52, 010201.	1.5	13
12	Determinant for Self-Organization of BaMO₃ Nanorods Included in Vapor-Phase-Grown <inline-formula> <tex-math notation="LaTeX">$mbox{REBa}_{2}mbox{Cu}_{3}mbox{O}_{y}$</tex-math></inline-formula> Films. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-6.	1.7	13
13	Strongly enhanced irreversibility field and flux pinning force density in SmBa₂Cu₃O_y-coated conductors with well-aligned BaHfO₃nanorods. Applied Physics Express, 2017, 10, 103101.	2.4	11
14	Variation of c-axis correlation on vortex pinning by ab-plane non-superconducting layers in YBa2Cu3O7 films. Journal of Applied Physics, 2013, 114, 073903.	2.5	10
15	Numerical Simulation of Nanorod Growth in REBa2Cu3Oy Superconducting Thin Films. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.7	7
16	Flux Pinning Characteristics of ${m Sm}_{1+x}{m Ba}_{2-x}{m Cu}_{3}{m O}_{y}$ Films With the Additional c-Axis Correlated Pinning Centers. IEEE Transactions on Applied Superconductivity, 2009, 19, 3507-3510.	1.7	6
17	Flux Pinning Properties and Microstructure in ${m Sm}_{1+x}{m Ba}_{2-x}{m Cu}_{3}{m O}_{y}$ Films With ${m BaZrO}_{3}$ Nanorods Fabricated by Vapor-Liquid-Solid Growth Technique. IEEE Transactions on Applied Superconductivity, 2009, 19, 3168-3171.	1.7	6
18	Magnetic Field of BG-VG Transition Depending on the Nanorods Shape in <inline-formula> <tex-math notation="TeX">$hbox{BaHfO}_{3}$</tex-math></inline-formula>-Doped <inline-formula> <tex-math notation="TeX">$hbox{SmBa}_{2}hbox{Cu}_{3}hbox{O}_{y}$</tex-math></inline-formula> Films. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.7	5

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19	Improved Flux Pinning in Nanostructured REBCO Films Controlling the APC Growth Mechanism. IEEE Transactions on Applied Superconductivity, 2009, 19, 3262-3265.	1.7	4
20	Superconducting properties and microstructures for Ba2SmNbO6and BaHfO3co-doped SmBa2Cu3Oythin films. Superconductor Science and Technology, 2017, 30, 125008.	3.5	4
21	Improved Flux Pinning for High-Field Applications in BaHfO3-Doped SmBa2Cu3 Oy-Coated Conductors With High Density of Random Pinning Centers Induced by BaHfO 3 Nanorods. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-6.	1.7	4
22	Orientation and Superconducting Properties of REBa₂Cu₃O_y Thin Films Prepared by the Pulsed Laser Deposition Method. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan), 2003, 38, 672-679.	0.1	4
23	Dependence of BaMO₃ (M=Zr, Sn, Hf) Materials on Lattice Stress and T_c in BaMO₃-Doped SmBa₂Cu₃O_y Thin Films. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan), 2015, 50, 224-231.	0.1	3
24	The Longitudinal Magnetic Field Effect in Multilayered-SmBa₂Cu₃O_{<i>y</i>} Film at Wide Range Measurement Temperatures. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2016, 80, 439-442.	0.4	2
25	Vortex Pinning Properties at Grain Boundary in SmBa2Cu3 ${ext{O}}_{y}$ Superconducting Films With BaHfO3 Nanorods Controlled via Low-Temperature Growth. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	2
26	Evaluation of SnSe crystals fabricated by temperature gradient method with double tubes seal. Electronics and Communications in Japan, 2018, 101, 27-32.	0.5	2
27	Effect on SmBa2Cu3O films of lattice strain induced by BaHfO3 nanorods. Physica C: Superconductivity and Its Applications, 2020, 575, 1353692.	1.2	2
28	Introduction of Hybrid APC to GdBa₂Cu₃O_y for Improving the J_c Anisotropy in Magnetic Fields. TEION KOGAKU (Journal of Cryogenics and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.1	2
29	Microstructures and Superconducting Properties of BHO-doped SmBa₂Cu₃O_y Thin Films Grown by Changing the Growth Temperature using the PLD-LTG Technique. TEION KOGAKU (Journal of Cryogenics and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.1	2
30	Flux Pinning Properties in Y₂BaCuO₅-Doped YBa₂Cu₃O_y Films Fabricated with Vapor-Liquid-Solid Growth Method. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2019, 83, 335-340.	0.4	2
31	Thermoelectric Properties of Nano-structure Controlled Sm2â^'xCexCuO4 Thin Films. Materials Research Society Symposia Proceedings, 2006, 928, 1.	0.1	1
32	Observation of Microstructure and Superconducting Properties for Ba₂SmNbO₆-Doped SmBa₂Cu₃O_y Films. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2016, 80, 434-438.	0.4	1
33	Surface Diffusion Constants and Supersaturations in SmBCO Films Prepared by Pulsed Laser Deposition Method. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-4.	1.7	1
34	In-Field Transport Properties at Grain Boundaries in BaHfO3-doped SmBa2Cu3O y Bicrystal Films at Low Temperatures. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	1
35	In-Plane Anisotropy of Transport Property in BaTbO3-Doped SmBa2Cu3O y Films. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-4.	1.7	1
36	Crystal Growth Simulation of BMO Nanorods in BMO-Doped REBCO Films With Seed layers. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-4.	1.7	1

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37	Thermoelectric Properties of p-type La_{2-x}M_xCuO₄ (M = Ca, Sr, Ba) Thin Films Prepared by Pulsed Laser Deposition Method. IEEJ Transactions on Fundamentals and Materials, 2006, 126, 374-378.	0.2	1
38	Thermoelectric Properties of n-type Sm2-xCexCuO4 Thin Films Prepared by Pulsed Laser Deposition. IEEJ Transactions on Fundamentals and Materials, 2006, 126, 369-373.	0.2	1
39	Controlling Crystal Structure to Improve T_c of LaBa₂Cu₃O_y Thin Films Prepared by Vapor-Liquid-Solid Growth Mode. IEEJ Transactions on Fundamentals and Materials, 2015, 135, 611-617.	0.2	1
40	Critical Current Properties of GdBa₂Cu₃O_y-coated Conductors Doped with BaHfO₃ as Artificial Pinning Centers on Tensile and Compressive Strain. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan), 2015, 50, 409-414.	0.1	1
41	Improvement of Critical Current Density of BaHfO₃-doped SmBa₂Cu₃O<i>_y</i> Films on IBAD-MgO Substrates with a Seed Layer. TEION KOGAKU (Journal of Cryogenics and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 5	0.1	1
42	Liquid Phase Stabilization and Superconducting Properties by Adding Ag to SmBa₂Cu₃O_y Coated Conductors Fabricated by Vapor-Liquid-Solid Growth Technique. IEEJ Transactions on Fundamentals and Materials, 2020, 140, 247-252.	0.2	1
43	Effect of ${m BaZrO}_{3}$ Addition and Film Growth on Superconducting Properties of $({m) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Superconductivity, 2009, 19, 3144-3147.	1.7	0
44	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.	0.4	0
45	Morphology Changes of Platinum and Tungsten Carbide by He Plasma Irradiation. Plasma and Fusion Research, 2018, 13, 3406074-3406074.	0.7	0
46	Dielectric Properties of a BaTiO₃/REBa₂Cu₃O_y Multilayered Structure for Low-Loss Capacitors. TEION KOGAKU (Journal of Cryogenics and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 377 T	0.1	0
47	Applied Strain Dependence of Crtical Curent and Inernal Lattice Strain for BaHfO₃-doped GdBa₂Cu₃O_y Coated Conductors. TEION KOGAKU (Journal) Tj ETQq1 1 0.784314 rgBT /O	0.1	0
48	Microstructures and Flux Pinning Properties of BHO-doped SmBa₂Cu₃O_y Thin Films on IBAD-MgO Substrates with Y₂O₃-doped Seed Layer. IEEJ Transactions on Fundamentals and Materials, 2017, 137, 298-303.	0.2	0
49	Interfacial Stress Occured with Formation of CoFe₂O₄ Nanopillars in BaTiO₃ Films. IEEJ Transactions on Fundamentals and Materials, 2017, 137, 135-140.	0.2	0
50	Evaluation of SnSe Crystals Fabricated by Temperature Gradient Method with Double Tubes Seal. IEEJ Transactions on Fundamentals and Materials, 2018, 138, 99-103.	0.2	0
51	In-Field <i>J</i>_c Properties in the Longitudinal Magnetic Field of BaHfO₃-Doped-Multilayered SmBa₂Cu₃O<i>_y</i> Films on Metal Tapes for the Cable Application. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2019, 83, 314-319.	0.4	0