

Yusuke Ichino

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Dielectric Properties of a BaTiO ₃ /REBa ₂ Cu ₃ O _y Multilayered Structure for Low-Loss Capacitors. TEION KOGAKU (Journal of Cryogenics and) Tj ETQq1 1 0.784314	1.7	10
2	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
3	Effect on SmBa ₂ Cu ₃ O films of lattice strain induced by BaHfO ₃ nanorods. Physica C: Superconductivity and Its Applications, 2020, 575, 1353692.	1.2	2
4	Liquid Phase Stabilization and Superconducting Properties by Adding Ag to SmBa ₂ Cu ₃ O _y Coated Conductors Fabricated by Vapor-Liquid-Solid Growth Technique. IEEJ Transactions on Fundamentals and Materials, 2020, 140, 247-252.	0.2	1
5	In-Field Transport Properties at Grain Boundaries in BaHfO ₃ -doped SmBa ₂ Cu ₃ O _y Bicrystal Films at Low Temperatures. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	1
6	In-Plane Anisotropy of Transport Property in BaTbO ₃ -Doped SmBa ₂ Cu ₃ O _y Films. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-4.	1.7	1
7	In-Field Transport Properties in the Longitudinal Magnetic Field of BaHfO ₃ -Doped-Multilayered SmBa ₂ Cu ₃ O _y Films on Metal Tapes for the Cable Application. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2019, 83, 335-340.	0.4	0
8	Flux Pinning Properties in YBa ₂ Cu ₃ O _y -Doped YBa ₂ Cu ₃ O _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
9	Fabrication of photocatalytically active vanadium oxide nanostructures via plasma route. Journal Physics D: Applied Physics, 2018, 51, 215201.	2.8	20
10	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
11	Improved Flux Pinning for High-Field Applications in BaHfO ₃ -Doped SmBa ₂ Cu ₃ O _y -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
12	Morphology Changes of Platinum and Tungsten Carbide by He Plasma Irradiation. Plasma and Fusion Research, 2018, 13, 3406074-3406074.	0.7	0
13	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
14	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
15	Numerical Simulation of Nanorod Growth in REBa ₂ Cu ₃ O _y Superconducting Thin Films. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.7	7
16	Three-dimensional Monte Carlo simulation of nanorod self-organization in REBa ₂ Cu ₃ O _y thin films grown by vapor phase epitaxy. Japanese Journal of Applied Physics, 2017, 56, 015601.	1.5	15
17	Strongly enhanced irreversibility field and flux pinning force density in SmBa ₂ Cu ₃ O _y -coated conductors with well-aligned BaHfO ₃ nanorods. Applied Physics Express, 2017, 10, 103101.	2.4	11
18	Flux pinning landscape up to 25 T in SmBa ₂ Cu ₃ O _y films with BaHfO ₃ nanorods fabricated by low-temperature growth technique. Superconductor Science and Technology, 2017, 30, 104004.	3.5	22

#	ARTICLE	IF	CITATIONS
19	Vortex Pinning Properties at Grain Boundary in SmBa ₂ Cu ₃ O _{7-x} Superconducting Films With BaHfO ₃ Nanorods Controlled via Low-Temperature Growth. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	2
20	Superconducting properties and microstructures for Ba ₂ SmNbO ₆ and BaHfO ₃ co-doped SmBa ₂ Cu ₃ O _{7-x} thin films. Superconductor Science and Technology, 2017, 30, 125008.	3.5	4
21	Microstructures and Flux Pinning Properties of BHO-doped SmBa ₂ Cu ₃ O _{7-x} Thin Films on IBAD-MgO Substrates with Y ₂ O ₃ -doped Seed Layer. IEJ Transactions on Fundamentals and Materials, 2017, 137, 298-303.	0.2	0
22	Interfacial Stress Occurred with Formation of CoFe ₂ O ₄ Nanopillars in BaTiO ₃ Films. IEJ Transactions on Fundamentals and Materials, 2017, 137, 135-140.	0.2	0
23	The Longitudinal Magnetic Field Effect in Multilayered-SmBa ₂ Cu ₃ O _{7-x} Film at Wide Range Measurement Temperatures. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2016, 80, 439-442.	0.4	2
24	Observation of Microstructure and Superconducting Properties for Ba ₂ SmNbO ₆ -Doped SmBa ₂ Cu ₃ O _{7-x} Films. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2016, 80, 434-438.	0.4	1
25	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
26	Delocalization of vortex in SmBa ₂ Cu ₃ O _{7-x} superconducting films with BaHfO ₃ nano-rods. Journal of Applied Physics, 2016, 120, .	2.5	17
27	Applied Strain Dependence of Critical Current and Internal Lattice Strain for BaHfO ₃ -doped GdBa ₂ Cu ₃ O _{7-x} Coated Conductors. TEION KOGAKU (Journal) Tj ETQq.1 0.784314 rgBT	0.1	3
28	Dependence of BaMO ₃ (M=Zr, Sn, Hf) Materials on Lattice Stress and T_c in BaMO ₃ -Doped SmBa ₂ Cu ₃ O _{7-x} Thin Films. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan), 2015, 50, 224-231.	0.1	3
29	High-performance irreversibility field and flux pinning force density in BaHfO ₃ -doped GdBa ₂ Cu ₃ O _{7-x} tape prepared by pulsed laser deposition. Applied Physics Express, 2015, 8, 023101.	2.4	45
30	Effect of BaHfO ₃ introduction on the transport current at the grain boundaries in SmBa ₂ Cu ₃ O _{7-x} films. Applied Physics Express, 2015, 8, 033101.	2.4	15
31	Magnetic Field of BG-VG Transition Depending on the Nanorods Shape in BaHfO_3 -Doped $\text{SmBa}_2\text{Cu}_3\text{O}_{7-x}$ Films. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.7	5
32	Determinant for Self-Organization of BaMO ₃ Nanorods Included in Vapor-Phase-Grown $\text{SmBa}_2\text{Cu}_3\text{O}_{7-x}$ Films. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-6.	1.7	13
33	Introduction of Hybrid APC to GdBa ₂ Cu ₃ O _{7-x} for Improving the J_c Anisotropy in Magnetic Fields. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan) Tj ETQq.1 0.784314 rgBT /Overlock	0.1	1
34	Controlling Crystal Structure to Improve T_c of LaBa ₂ Cu ₃ O _{7-x} Thin Films Prepared by Vapor-Liquid-Solid Growth Mode. IEJ Transactions on Fundamentals and Materials, 2015, 135, 611-617.	0.2	1
35	Critical Current Properties of GdBa ₂ Cu ₃ O _{7-x} -coated Conductors Doped with BaHfO ₃ 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
36	Microstructures and Superconducting Properties of BHO-doped SmBa ₂ Cu ₃ O _{7-x} Thin Films Grown by Changing the Growth Temperature using the PLD-LTG Technique. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan) Tj ETQq.0 0.0 rgBT /Overlock 10 Tf 50 52 Td (Sup	0.1	2

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37	Improvement of Critical Current Density of BaHfO_3 -doped $\text{SmBa}_2\text{Cu}_3\text{O}_7$ 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	0.1	10
38	Flux pinning properties and microstructures of a $\text{SmBa}_2\text{Cu}_3\text{O}_7$ film with high number density of BaHfO_3 nanorods deposited by using low-temperature growth technique. Japanese Journal of Applied Physics, 2014, 53, 090304.	1.5	24
39	Flux Pinning Properties at Low Temperatures in $\text{SmBa}_2\text{Cu}_3\text{O}_7$ Doped $\text{SmBa}_2\text{Cu}_3\text{O}_7$ Films. IEEE Transactions on Applied Superconductivity, 2013, 23, 8001104-8001104.	1.7	28
40	Flux Pinning Properties and Microstructures of Multilayered Films Consisting of $\text{Sm}_{1.04}\text{Ba}_{1.96}\text{Cu}_3\text{O}_7$ Layers and BaSnO_3 -Doped $\text{Sm}_{1.04}\text{Ba}_{1.96}\text{Cu}_3\text{O}_7$ Layers. Japanese Journal of Applied Physics, 2013, 52, 010201.	1.5	13
41	Variation of c-axis correlation on vortex pinning by ab-plane non-superconducting layers in $\text{YBa}_2\text{Cu}_3\text{O}_7$ films. Journal of Applied Physics, 2013, 114, 073903.	2.5	10
42	Flux pinning properties and microstructure of $\text{SmBa}_2\text{Cu}_3\text{O}_7$ thin films with systematically controlled BaZrO_3 nanorods. Journal of Applied Physics, 2010, 108, 093905.	2.5	45
43	Improved Flux Pinning in Nanostructured REBCO Films Controlling the APC Growth Mechanism. IEEE Transactions on Applied Superconductivity, 2009, 19, 3262-3265.	1.7	4
44	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.	1.7	6
45	Effect of BaZrO_3 Addition and Film Growth on Superconducting Properties of $\text{SmBa}_2\text{Cu}_3\text{O}_7$ Superconductivity, 2009, 19, 3144-3147.	1.7	0
46	Flux Pinning Properties and Microstructure in $\text{Sm}_{1+x}\text{Ba}_{2-x}\text{Cu}_3\text{O}_y$ Films With BaZrO_3 Nanorods Fabricated by Vapor-Liquid-Solid Growth Technique. IEEE Transactions on Applied Superconductivity, 2009, 19, 3168-3171.	1.7	6
47	Thermoelectric Properties of Nano-structure Controlled $\text{Sm}_{2-x}\text{Ce}_x\text{CuO}_4$ Thin Films. Materials Research Society Symposia Proceedings, 2006, 928, 1.	0.1	1
48	Thermoelectric Properties of p-type $\text{La}_{2-x}\text{M}_x\text{CuO}_4$ (M = Ca, Sr, Ba) Thin Films Prepared by Pulsed Laser Deposition Method. IEJ Transactions on Fundamentals and Materials, 2006, 126, 374-378.	0.2	1
49	Thermoelectric Properties of n-type $\text{Sm}_{2-x}\text{Ce}_x\text{CuO}_4$ Thin Films Prepared by Pulsed Laser Deposition. IEJ Transactions on Fundamentals and Materials, 2006, 126, 369-373.	0.2	1
50	Influences of oxygen pressure and substrate temperature on the quality of $\text{NdBa}_2\text{Cu}_3\text{O}_x$ thin films prepared by pulsed laser deposition. Superconductor Science and Technology, 2004, 17, 775-780.	3.5	13
51	Orientation and Superconducting Properties of $\text{REBa}_2\text{Cu}_3\text{O}_y$ 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