

Kazuya Kikunaga

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

115
citations

1478505

6
h-index

1474206

9
g-index

30
all docs

30
docs citations

30
times ranked

60
citing authors

#	ARTICLE	IF	CITATIONS
1	Transport of a helicon plasma by a convergent magnetic field for high speed and compact plasma etching. Journal Physics D: Applied Physics, 2014, 47, 425201.	2.8	14
2	Fabrication of (Cu, C)Ba ₂ CuO _y superconducting thin film by RF magnetron sputtering. Journal of Physics: Conference Series, 2006, 43, 289-292.	0.4	11
3	Pulsed Laser Deposition Synthesis and Photoemission Study of Superconducting Ba-Cu-O Thin Films. Journal of Physics: Conference Series, 2006, 43, 247-250.	0.4	10
4	Measuring technique for static electricity using focused sound. Journal of Electrostatics, 2013, 71, 554-557.	1.9	9
5	Demonstration of static electricity induced luminescence. Scientific Reports, 2022, 12, .	3.3	8
6	Potential formation on dielectric surface by an atmospheric pressure helium plasma jet. Japanese Journal of Applied Physics, 2019, 58, 090906.	1.5	7
7	Characterization of electronic structure of superconducting (Cu, C)BaO films by in situ photoemission spectroscopy. Superconductor Science and Technology, 2007, 20, S455-S460.	3.5	6
8	Deposition of superconducting (Cu, C)BaO films by pulsed laser deposition at moderate temperature. Superconductor Science and Technology, 2007, 20, S461-S466.	3.5	6
9	Characterization of electrical conductivity of carbon fiber reinforced plastic using surface potential distribution. Japanese Journal of Applied Physics, 2018, 57, 04FC02.	1.5	6
10	System for Visualizing Surface Potential Distribution to Eliminate Electrostatic Charge. Sensors, 2021, 21, 4397.	3.8	6
11	Measurement Technology of Surface Potential Using Acoustic Wave and Electric Field. Japanese Journal of Applied Physics, 2013, 52, 05DB16.	1.5	5
12	Generation and detection of electromagnetic field with charged material oscillation. Journal of Electrostatics, 2014, 72, 136-139.	1.9	4
13	Development of a technique for measuring static electricity distribution using focused ultrasound waves and an induced electric field. Journal of Electrostatics, 2015, 73, 6-11.	1.9	4
14	Detection of Moisture Adsorption on Joining Surface Using Static Electricity Distribution. ECS Transactions, 2017, 75, 33-38.	0.5	4
15	<i>In-situ</i> Characterization of As-grown Surface of CIGS Films. Materials Research Society Symposia Proceedings, 2007, 1012, 1.	0.1	2
16	Pulsed laser deposition synthesis of superconducting (Cu,C)BaO thin films. Vacuum, 2008, 83, 531-533.	3.5	2
17	<i>In-situ</i> characterization of transport properties of superconducting (Cu, C)-1201 films. Journal of Physics: Conference Series, 2009, 150, 052108.	0.4	2
18	Error evaluation of defect shape identification using charge simulation method for static electricity. Journal of Electrostatics, 2021, 114, 103633.	1.9	2

#	ARTICLE	IF	CITATIONS
19	Sputter Synthesis of c-axis YBCO Films with Excellent Surface Smoothness and Fabrication of Sandwich type Junctions with Interface Engineered Barrier. Journal of Physics: Conference Series, 2006, 43, 1159-1162.	0.4	1
20	Percolated-induced ferrimagnetism. Journal of Physics: Conference Series, 2009, 145, 012080.	0.4	1
21	Synthesis of superconducting (Cu, C)-Ba-O films on SrCuO ₂ buffer by pulsed laser deposition. Journal of Physics: Conference Series, 2009, 150, 052286.	0.4	1
22	Pulsed laser deposition synthesis of superconducting (Cu, C)Ba ₂ CuO _x thin films. Physica C: Superconductivity and Its Applications, 2010, 470, 1916-1919.	1.2	1
23	A Study of Electrostatic Charge on Insulating Film by Electrostatic Force Microscopy. Journal of Physics: Conference Series, 2011, 301, 012043.	0.4	1
24	Evaluation of SF ₆ Reactive Ion Etching Performance with a Permanent Magnet Located behind the Substrate based on a Simple Design Concept. Journal of the Vacuum Society of Japan, 2016, 59, 11-15.	0.3	1
25	Study of Band Alignment at the Interface between CBD-CdS and CIGS grown by H ₂ O-introduced co-evaporation. Materials Research Society Symposia Proceedings, 2007, 1012, 1.	0.1	0
26	Conversion from transparent antiferromagnet KNiF ₃ to transparent ferrimagnets. Applied Physics Letters, 2008, 92, 042501.	3.3	0
27	In situ characterization of transport properties of superconducting (Cu,C)-system thin films. Physica C: Superconductivity and Its Applications, 2010, 470, 678-681.	1.2	0
28	Measuring electrostatic charge by ultrasound impulse excitation. , 2015, , .		0
29	Measurement technique of vibrational distribution using static electricity and capacitance. , 2015, , .		0