

Yukako

List of Publications by Year in descending order

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papers

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citations

448610

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all docs

73
docs citations

73
times ranked

1190
citing authors

#	ARTICLE	IF	CITATIONS
1	Carrier transport mechanism of diamond p ⁺ -n junction at low temperature using Schottky-pn junction structure. Japanese Journal of Applied Physics, 2021, 60, 030905.	0.8	5
2	Diamond microfabrication by imprinting with nickel mold under high temperature. Diamond and Related Materials, 2021, 114, 108294.	1.8	2
3	Theory for High-Angular-Resolution Photoelectron Holograms Considering the Inelastic Mean Free Path and the Formation Mechanism of Quasi-Kikuchi Band. Physica Status Solidi (B): Basic Research, 2020, 257, 2000117.	0.7	6
4	Dislocations in chemical vapor deposition diamond layer detected by confocal Raman imaging. Journal of Applied Physics, 2020, 128, .	1.1	17
5	Temperature dependence of diamond MOSFET transport properties. Japanese Journal of Applied Physics, 2020, 59, SGGD19.	0.8	4
6	Temperature dependence of electrical characteristics for diamond Schottky-pn diode in forward bias. Diamond and Related Materials, 2018, 85, 49-52.	1.8	11
7	Three-dimensional atomic arrangement around active/inactive dopant sites in boron-doped diamond. Applied Physics Express, 2018, 11, 061302.	1.1	7
8	Characterization of insulated-gate bipolar transistor temperature on insulating, heat-spreading polycrystalline diamond substrate. Japanese Journal of Applied Physics, 2017, 56, 011301.	0.8	3
9	Defect and field-enhancement characterization through electron-beam-induced current analysis. Applied Physics Letters, 2017, 110, .	1.5	19
10	Estimation of Inductively Coupled Plasma Etching Damage of Boron-Doped Diamond Using X-Ray Photoelectron Spectroscopy. Physica Status Solidi (A) Applications and Materials Science, 2017, 214, 1700233.	0.8	11
11	Interfacial energy barrier height of Al ₂ O ₃ /H-terminated (111) diamond heterointerface investigated by X-ray photoelectron spectroscopy. Applied Physics Letters, 2017, 111, .	1.5	7
12	Wide-angle display-type retarding field analyzer with high energy and angular resolutions. Review of Scientific Instruments, 2017, 88, 123106.	0.6	33
13	Boron inhomogeneity of HPHT-grown single-crystal diamond substrates: Confocal micro-Raman mapping investigations. Diamond and Related Materials, 2016, 63, 21-25.	1.8	28
14	Effects of crystallographic orientation on the homoepitaxial overgrowth on tiled single crystal diamond clones. Diamond and Related Materials, 2015, 57, 17-21.	1.8	9
15	X-ray topographic study of defect in p ⁺ diamond layer of Schottky barrier diode. Diamond and Related Materials, 2015, 57, 22-27.	1.8	17
16	High-temperature characteristics of charge collection efficiency using single CVD diamond detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 789, 50-56.	0.7	40
17	A 2-in. mosaic wafer made of a single-crystal diamond. Applied Physics Letters, 2014, 104, .	1.5	105
18	A nitrogen doped low-dislocation density free-standing single crystal diamond plate fabricated by a lift-off process. Applied Physics Letters, 2014, 104, .	1.5	34

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19	X-Ray Topographic Study of a Homoepitaxial Diamond Layer on an Ultraviolet-Irradiated Precision Polished Substrate. <i>Acta Physica Polonica A</i> , 2014, 125, 969-971.	0.2	9
20	Leakage current analysis of diamond Schottky barrier diodes by defect imaging. <i>Diamond and Related Materials</i> , 2013, 40, 56-59.	1.8	31
21	1 st On-Resistance Diamond Vertical-Schottky Barrier Diode Operated at 250 °C. <i>Applied Physics Express</i> , 2013, 6, 011302.	1.1	90
22	High temperature operation of diamond power SBD. , 2013, , .		1
23	Effect of an Ultraflat Substrate on the Epitaxial Growth of Chemical-Vapor-Deposited Diamond. <i>Applied Physics Express</i> , 2013, 6, 025506.	1.1	30
24	Structural analysis of dislocations in type-IIa single-crystal diamond. <i>Diamond and Related Materials</i> , 2012, 29, 37-41.	1.8	31
25	Effectiveness of a hot-filament chemical vapor deposition method for preparation of a boron-doped superconducting diamond film with higher superconducting transition temperature. <i>Diamond and Related Materials</i> , 2012, 25, 5-7.	1.8	4
26	X-ray Topography Used to Observe Dislocations in Epitaxially Grown Diamond Film. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 090103.	0.8	13
27	Local stress distribution of dislocations in homoepitaxial chemical vapor deposited single-crystal diamond. <i>Diamond and Related Materials</i> , 2012, 23, 109-111.	1.8	27
28	Te concentration dependent photoemission and inverse-photoemission study of FeSe _{1-x} Te _x . <i>Science and Technology of Advanced Materials</i> , 2012, 13, 054403.	2.8	7
29	High temperature application of diamond power device. <i>Diamond and Related Materials</i> , 2012, 24, 201-205.	1.8	133
30	Negative Photoelectron Diffraction Replica in Secondary Electron Angular Distribution. <i>Journal of the Physical Society of Japan</i> , 2012, 81, 013601.	0.7	12
31	X-ray Topography Used to Observe Dislocations in Epitaxially Grown Diamond Film. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 090103.	0.8	13
32	Characterization of crystallographic defects in homoepitaxial diamond films by synchrotron X-ray topography and cathodoluminescence. <i>Diamond and Related Materials</i> , 2011, 20, 523-526.	1.8	44
33	Photoemission Study of Rh ₁₇ S ₁₅ Superconductor. <i>Journal of the Physical Society of Japan</i> , 2011, 80, SA111.	0.7	4
34	Direct imaging of three-dimensional atomic arrangement by stereophotography using two-dimensional photoelectron spectroscopy. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 648, S139-S141.	0.7	0
35	Development of a soft X-ray angle-resolved photoemission system applicable to 100-Å crystals. <i>Journal of Synchrotron Radiation</i> , 2011, 18, 879-884.	1.0	10
36	Site-Specific Stereograph of SiC(0001) Surface by Inverse Matrix Method. <i>Journal of the Physical Society of Japan</i> , 2011, 80, 013601.	0.7	13

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37	Room temperature ferromagnetic behavior in the hollandite-type titanium oxide. Journal of Applied Physics, 2010, 107, .	1.1	15
38	Electron correlation in the FeSe superconductor studied by bulk-sensitive photoemission spectroscopy. Physical Review B, 2010, 82, .	1.1	48
39	Analysis on photoemission spectrum of superconducting FeSe. Physica C: Superconductivity and Its Applications, 2010, 470, S389-S390.	0.6	6
40	Bulk and surface physical properties of a CrO ₂ thin film prepared from a Cr ₈ O ₂₁ precursor. Journal of Applied Physics, 2010, 108, 043916.	1.1	8
41	Ultrahigh-vacuum cleaving system for sub-100- μ m crystals. Review of Scientific Instruments, 2010, 81, 043901.	0.6	3
42	A video camera system for coaxial observation of a sample with an incident soft X-ray beam. Journal of Synchrotron Radiation, 2009, 16, 595-596.	1.0	6
43	In situ positioning of a few hundred micrometer-sized cleaved surfaces for soft-x-ray angle-resolved photoemission spectroscopy by use of an optical microscope. Review of Scientific Instruments, 2009, 80, 053901.	0.6	7
44	Disentangling atomic-layer-specific x-ray absorption spectra by Auger electron diffraction spectroscopy. Journal of Physics: Conference Series, 2009, 190, 012111.	0.3	0
45	Stereophotograph of InP(001) Surface. E-Journal of Surface Science and Nanotechnology, 2009, 7, 181-185.	0.1	8
46	Hole Subband Dispersion in Space Charge Layers under Pb/Si(001) Surfaces Measured by Angle-Resolved Photoelectron Spectroscopy. E-Journal of Surface Science and Nanotechnology, 2009, 7, 641-648.	0.1	4
47	Circular dichroism of forward focusing peaks and diffraction rings in 2 steradian Si 2p photoelectron pattern. Applied Surface Science, 2008, 254, 7549-7552.	3.1	13
48	ARPES measurements on Si(111) hole subband induced by Pb and Ga adsorption. Applied Surface Science, 2008, 254, 7872-7876.	3.1	8
49	Atomic-Layer Resolved Magnetic and Electronic Structure Analysis of Ni Thin Film on a Cu(001) Surface by Diffraction Spectroscopy. Physical Review Letters, 2008, 100, 207201.	2.9	65
50	Orbital Angular Momentum of Iron Valence Band Electron Deduced by Photoelectron Stereography. Journal of the Physical Society of Japan, 2008, 77, 103301.	0.7	6
51	Dopant-site effect in superconducting diamond (111) studied by atomic stereophotography. Applied Physics Letters, 2007, 91, 251914.	1.5	32
52	Three-dimensional atomic-arrangement reconstruction from an Auger-electron hologram. Physical Review B, 2007, 75, .	1.1	60
53	Site-Specific Orbital Angular Momentum Analysis of Graphite Valence Electron Using Photoelectron Forward Focusing Peaks. Journal of the Physical Society of Japan, 2007, 76, 013705.	0.7	30
54	Total analysis of surface structure and properties by UHV transfer system. Surface Science, 2007, 601, 5284-5288.	0.8	13

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55	Depth resolved electronic structure of cuprate superconductor analyzed by two-dimensional X-ray Auger resonance emission spectroscopy. E-Journal of Surface Science and Nanotechnology, 2007, 5, 143-147.	0.1	11
56	Photoelectron angular distribution of 2H-NbSe ₂ studied by a display-type spherical mirror analyzer and circularly polarized light. Surface and Interface Analysis, 2006, 38, 1604-1606.	0.8	0
57	Stereophotographs of diamond and graphite. Science and Technology of Advanced Materials, 2006, 7, 45-48.	2.8	12
58	Normal and superconducting state properties of B-doped diamond from first-principles. Science and Technology of Advanced Materials, 2006, 7, S54-S59.	2.8	4
59	ATOMIC STRUCTURE ANALYSIS OF ULTRA THIN IRON SILICIDE FILMS BY STEREO ATOMSCOPE. Surface Review and Letters, 2006, 13, 209-214.	0.5	5
60	Atomic stereophotograph of intercalation compound Fe ¹⁺ •3NbS ₂ . Journal of Applied Physics, 2006, 99, 024907.	1.1	6
61	Stereophotographs of Atomic Structures by Circularly-polarized Light Two-dimensional Photoelectron Spectroscopy. Hyomen Kagaku, 2005, 26, 746-751.	0.0	1
62	Observation of the Ferroelectric Material with Instantaneous X-ray Laser Speckles. AIP Conference Proceedings, 2004, , .	0.3	0
63	Production of ion beams in high-power laser-plasma interactions and their applications. Laser and Particle Beams, 2004, 22, 19-24.	0.4	21
64	Observation of X-ray spectra from nitrogen clusters irradiated with high-intensity ultrashort laser pulses. Applied Physics B: Lasers and Optics, 2000, 70, 549-554.	1.1	4
65	Laser-induced fluorescence study on the interaction of Eu(III) with polycarboxylates. Journal of Radioanalytical and Nuclear Chemistry, 1999, 239, 335-340.	0.7	13
66	Laser-induced luminescence study of europium(III) polyacrylate and polymaleate complexes. Journal of Radioanalytical and Nuclear Chemistry, 1996, 212, 11-21.	0.7	4
67	Conceptual Design of the IFMIF Target Facility. Fusion Science and Technology, 1996, 30, 1152-1160.	0.6	8
68	Spectroscopic study of the uranyl hydrolysis species (UO ₂) ₂ (OH) ₂ 2 ⁺ . Journal of Radioanalytical and Nuclear Chemistry, 1993, 174, 299-314.	0.7	46
69	Production of highly-charged ions by clusters irradiated with ultrashort high-intense pulse laser. , 0, , .		0
70	X-ray laser research in JAERI-Kansai. , 0, , .		0
71	Near field imaging of transient collisional excitation x-ray laser. , 0, , .		0
72	X-ray laser research at JAERI. , 0, , .		0

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73	Diamond Vertical Schottky Barrier Diode with Al ₂ O ₃ Field Plate. Materials Science Forum, 0, 717-720, 1319-1321.	0.3	10