Hirokazu Izumi

List of Publications by Year in Descending Order

31 papers	468 citations	11 h-index	21 g-index
32 ext. papers	496 ext. citations	2.3 avg, IF	2.63 L-index

#	Paper	IF	Citations
31	Solid/liquid-interface-dependent synthesis and immobilization of copper-based particles nucleated by X-ray-radiolysis-induced photochemical reaction. *Journal of Synchrotron Radiation*, **2020**, 27, 1008-1014	2.4	5
30	Electric characteristics of multi-walled carbon nanotubes irradiated with highly charged ions. *Japanese Journal of Applied Physics*, **2019**, 58, SIIC01	1.4	1
29	Controllability of cupric particle synthesis by linear alcohol chain number as additive and pH control in cupric acetate solution using X-ray radiolysis. *Journal of Synchrotron Radiation*, **2019**, 26, 1986-1995	2.4	6
28	Deposition of Polytetrafluoroethylene Film Assisted by Synchrotron Radiation Irradiation. *Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]*, **2019**, 32, 249-252	0.7	1
27	Growth and ferroelectric properties of La and Al codoped BiFeO3 epitaxial films. *Journal of Applied Physics*, **2017**, 121, 174102	2.5	7
26	Thermal annealing effects on ultra-violet luminescence properties of Gd doped AlN. *Journal of Applied Physics*, **2015**, 117, 163105	2.5	8
25	Transformation of multiwalled carbon nanotubes to amorphous carbon nanorods under ion irradiation. *Japanese Journal of Applied Physics*, **2014**, 53, 02BD06	1.4	10
24	Resonant indirect excitation of Gd3+ in AlN thin films. *Journal of Applied Physics*, **2014**, 115, 173508	2.5	1
23	Spectroscopic characterization of ion-irradiated multi-layer graphenes. *Nuclear Instruments & Methods in Physics Research B*, **2013**, 315, 64-67	1.2	7
22	Correlation between local atomic structure and ultraviolet luminescence of AlGdN thin films. *Journal of Physics: Conference Series*, **2013**, 417, 012049	0.3	2
21	Multiple excitation process in deep-ultraviolet emission from AlGdN thin films pumped by an electron beam. *Journal of Applied Physics*, **2012**, 111, 083526	2.5	3
20	Defect Evolution in Multiwalled Carbon Nanotube Films Irradiated by Ar Ions. *Japanese Journal of Applied Physics*, **2012**, 51, 110202	1.4	2
19	Defect Evolution in Multiwalled Carbon Nanotube Films Irradiated by Ar Ions. *Japanese Journal of Applied Physics*, **2012**, 51, 110202	1.4	6
18	Influence of local atomic configuration in AlGdN phosphor thin films on deep ultra-violet luminescence intensity. *Journal of Applied Physics*, **2011**, 110, 093108	2.5	7
17	Ultraviolet Light Emitting Devices Using AlGdN. *Materials Research Society Symposia Proceedings*, **2011**, 1342, 55		
16	Highly Efficient Ultra-Violet Luminescence from Low-Temperature Grown AlGdN. *Zairyo/Journal of the Society of Materials Science, Japan*, **2010**, 59, 666-670	0.1	
15	XPS studies on passive film formed on stainless steel in a high-temperature and high-pressure methanol solution containing chloride ions. *Corrosion Science*, **2008**, 50, 2840-2845	6.8	48

14	Fine characterization of plasma-polymerized films from a methane/air mixture. *Journal of Applied Polymer Science*, **2006**, 101, 3408-3414	2.9	9
13	FABRICATION OF WELL-ORDERED INDIUM-TIN-OXIDE FILM AND CHARACTERIZATION OF ORGANIC FILMS VACUUM-DEPOSITED ON IT. *Molecular Crystals and Liquid Crystals*, **2003**, 405, 59-66	0.5	2
12	Electrical properties of crystalline ITO films prepared at room temperature by pulsed laser deposition on plastic substrates. *Thin Solid Films*, **2002**, 411, 32-35	2.2	46
11	Electrical and structural properties of indium tin oxide films prepared by pulsed laser deposition. *Journal of Applied Physics*, **2002**, 91, 1213-1218	2.5	61
10	Effects of stress on the structure of indium-tin-oxide thin films grown by pulsed laser deposition. *Journal of Materials Science: Materials in Electronics*, **2001**, 12, 57-61	2.1	26
9	Pulsed Laser Deposition of Crystalline Indium Tin Oxide Films at Room Temperature by Substrate Laser Irradiation. *Japanese Journal of Applied Physics*, **2000**, 39, L377-L379	1.4	21
8	Effect of Sn doping on the electronic transport mechanism of indium tin oxide films grown by pulsed laser deposition coupled with substrate irradiation. *Journal of Applied Physics*, **2000**, 88, 4175	2.5	23
7	Pulsed Laser Deposition of Low-Resistivity Indium Tin Oxide Thin Films at Low Substrate Temperature. *Japanese Journal of Applied Physics*, **1999**, 38, 2710-2716	1.4	45
6	High-quality indium oxide films at low substrate temperature. *Applied Physics Letters*, **1999**, 74, 3059-3061	3.4	36
5	Highly conducting indium tin oxide (ITO) thin films deposited by pulsed laser ablation. *Thin Solid Films*, **1999**, 350, 79-84	2.2	40
4	Preparation of Sm2Fe17Nx Powders and Their Bonded Magnets with High-Performance Permanent Magnetic Characteristics. *Chemistry of Materials*, **1997**, 9, 2759-2767	9.6	22
3	Effective Grinding Procedure for $bf Sm_{2}Fe_{17}N_{ninmbi x}$ Powder with High-Performance Permanent Magnetic Characteristics. *Japanese Journal of Applied Physics*, **1995**, 34, L741-L743	1.4	21
2	Synthesis and magnetic properties of Sm2Fe17CxNy using SmC2 as a starting material. *Journal of Alloys and Compounds*, **1994**, 215, 245-249	5.7	1
1	Synthesis of Sm2Fe17Cxvia the Arc Melting of Sm, SmC2, and Fe. *Chemistry Letters*, **1993**, 22, 1903-1906	1.7	1