

# Hirokazu Izumi

## List of Publications by Year in descending order

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32  
papers

521  
citations

758635

12  
h-index

642321

23  
g-index

32  
all docs

32  
docs citations

32  
times ranked

503  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrical and structural properties of indium tin oxide films prepared by pulsed laser deposition. Journal of Applied Physics, 2002, 91, 1213-1218.	1.1	62
2	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.	3.0	59
3	Electrical properties of crystalline ITO films prepared at room temperature by pulsed laser deposition on plastic substrates. Thin Solid Films, 2002, 411, 32-35.	0.8	51
4	Pulsed Laser Deposition of Low-Resistivity Indium Tin Oxide Thin Films at Low Substrate Temperature. Japanese Journal of Applied Physics, 1999, 38, 2710-2716.	0.8	50
5	Highly conducting indium tin oxide (ITO) thin films deposited by pulsed laser ablation. Thin Solid Films, 1999, 350, 79-84.	0.8	44
6	High-quality indium oxide films at low substrate temperature. Applied Physics Letters, 1999, 74, 3059-3061.	1.5	41
7	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.	1.1	28
8	Preparation of Sm <sub>2</sub> Fe <sub>17</sub> N <sub>x</sub> Powders and Their Bonded Magnets with High-Performance Permanent Magnetic Characteristics. Chemistry of Materials, 1997, 9, 2759-2767.	3.2	25
9	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.	1.1	25
10	Effective Grinding Procedure for Sm <sub>2</sub> Fe <sub>17</sub> N <sub>x</sub> Powder with High-Performance Permanent Magnetic Characteristics. Japanese Journal of Applied Physics, 1995, 34, L741-L743.	0.8	22
11	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.	0.8	22
12	Thermal annealing effects on ultra-violet luminescence properties of Gd doped AlN. Journal of Applied Physics, 2015, 117, 163105.	1.1	12
13	Transformation of multiwalled carbon nanotubes to amorphous carbon nanorods under ion irradiation. Japanese Journal of Applied Physics, 2014, 53, 02BD06.	0.8	10
14	Fine characterization of plasma-polymerized films from a methane/air mixture. Journal of Applied Polymer Science, 2006, 101, 3408-3414.	1.3	9
15	Spectroscopic characterization of ion-irradiated multi-layer graphenes. Nuclear Instruments & Methods in Physics Research B, 2013, 315, 64-67.	0.6	8
16	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.	1.0	8
17	Influence of local atomic configuration in AlGdN phosphor thin films on deep ultra-violet luminescence intensity. Journal of Applied Physics, 2011, 110, 093108.	1.1	7
18	Growth and ferroelectric properties of La and Al codoped BiFeO <sub>3</sub> epitaxial films. Journal of Applied Physics, 2017, 121, 174102.	1.1	7

#	ARTICLE	IF	CITATIONS
19	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.	1.0	6
20	Defect Evolution in Multiwalled Carbon Nanotube Films Irradiated by Ar Ions. Japanese Journal of Applied Physics, 2012, 51, 110202.	0.8	6
21	Multiple excitation process in deep-ultraviolet emission from AlGaN thin films pumped by an electron beam. Journal of Applied Physics, 2012, 111, 083526.	1.1	4
22	Deposition of Polytetrafluoroethylene Film Assisted by Synchrotron Radiation Irradiation. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2019, 32, 249-252.	0.1	3
23	Synthesis and magnetic properties of Sm <sub>2</sub> Fe <sub>17</sub> C <sub>x</sub> N <sub>y</sub> using SmC <sub>2</sub> as a starting material. Journal of Alloys and Compounds, 1994, 215, 245-249.	2.8	2
24	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.	0.4	2
25	Defect Evolution in Multiwalled Carbon Nanotube Films Irradiated by Ar Ions. Japanese Journal of Applied Physics, 2012, 51, 110202.	0.8	2
26	Correlation between local atomic structure and ultraviolet luminescence of AlGaN thin films. Journal of Physics: Conference Series, 2013, 417, 012049.	0.3	2
27	Resonant indirect excitation of Gd <sup>3+</sup> in AlN thin films. Journal of Applied Physics, 2014, 115, 173508.	1.1	2
28	Synthesis of Sm <sub>2</sub> Fe <sub>17</sub> C <sub>x</sub> via the Arc Melting of Sm, SmC <sub>2</sub> , and Fe. Chemistry Letters, 1993, 22, 1903-1906.	0.7	1
29	Electric characteristics of multi-walled carbon nanotubes irradiated with highly charged ions. Japanese Journal of Applied Physics, 2019, 58, S11C01.	0.8	1
30	Magnetic Anisotropy of Sm <sub>2</sub> (Fe <sub>1-x</sub> Co <sub>x</sub> ) <sub>17</sub> C <sub>y</sub> . Japanese Journal of Applied Physics, 1995, 34, L412-L414.	0.8	0
31	Highly Efficient Ultra-Violet Luminescence from Low-Temperature Grown AlGaN. Zairyo/Journal of the Society of Materials Science, Japan, 2010, 59, 666-670.	0.1	0
32	Ultraviolet Light Emitting Devices Using AlGaN. Materials Research Society Symposia Proceedings, 2011, 1342, 55.	0.1	0