

# Jinho Joo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5841616/publications.pdf>

Version: 2024-02-01

49  
papers

603  
citations

687363

13  
h-index

610901

24  
g-index

49  
all docs

49  
docs citations

49  
times ranked

1014  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation and control of residual amorphous phases in carbon-doped MgB2 superconductors. <i>Journal of Alloys and Compounds</i> , 2021, 864, 158867.	5.5	8
2	Enhanced Gas Sensing Performance of Hydrothermal MoS2 Nanosheets by Post-Annealing in Hydrogen Ambient. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 1094-1099.	3.2	16
3	Enhanced Gas Sensing Performance of Surface-Activated MoS <sub>2</sub> Nanosheets Made by Hydrothermal Method with Excess Sulfur Precursor. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1800999.	1.8	7
4	Effect of Annealing Temperature on Morphology and Electrical Property of Hydrothermally-Grown ZnO Nanorods/p-Si Heterojunction Diodes. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 1640-1644.	0.9	6
5	Enhanced photocatalytic activity of porous single crystal TiO <sub>2</sub> /CNT composites by annealing process. <i>Ceramics International</i> , 2018, 44, 1641-1645.	4.8	17
6	Effect of Annealing Temperature on Morphology, Defect States, and Photocatalytic Performance of ZnO Nanorods. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 7939-7942.	0.9	0
7	Effects of Precursor Concentration on Dimensional Size, Defect State, and Gas Sensing Performance of MoS <sub>2</sub> Sheets Synthesized by Hydrothermal Method. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1800079.	1.8	5
8	Facet Control of Subunits in Anatase TiO <sub>2</sub> Mesocrystal by Diethanolamine for Enhanced Photocatalytic Activity. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 6090-6094.	0.9	1
9	Synergistic effect of Indium and Gallium co-doping on growth behavior and physical properties of hydrothermally grown ZnO nanorods. <i>Scientific Reports</i> , 2017, 7, 41992.	3.3	50
10	Effects of Calcination Temperature on Morphology, Microstructure, and Photocatalytic Performance of TiO <sub>2</sub> Mesocrystals. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 8235-8240.	3.7	32
11	Enhanced Photocatalytic Activity of ZnO Nanorods with Tubular Facet Synthesized by Hydrothermal Method. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 11164-11168.	0.9	5
12	Effects of Hydrothermal Temperature on Crystallinity, Microstructure, and Photocatalytic Activity of Anatase TiO <sub>2</sub> Mesocrystals. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 11153-11157.	0.9	4
13	Effect of Al Incorporation on Morphology and Electrical Conductivity of ZnO Nanorods Prepared Using Hydrothermal Method. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 11272-11276.	0.9	6
14	Effects of Precursor Concentration on Morphology of MoS <sub>2</sub> Nanosheets by Hydrothermal Synthesis. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 11548-11551.	0.9	19
15	Hydrothermally Grown In-doped ZnO Nanorods on p-GaN Films for Color-tunable Heterojunction Light-emitting-diodes. <i>Scientific Reports</i> , 2015, 5, 10410.	3.3	58
16	Surface-Tunable Bioluminescence Resonance Energy Transfer via Geometry-Controlled ZnO Nanorod Coordination. <i>Small</i> , 2015, 11, 3469-3475.	10.0	4
17	Effect of post-annealing temperature on the dielectric function of solution-processed LaAlO <sub>3</sub> /Si Films. <i>Journal of the Korean Physical Society</i> , 2014, 64, 1509-1513.	0.7	0
18	Influences of rapid thermal process on solution-deposited Ti-silicate/Si films: Phase segregation, composition and interface changes, and dielectric properties. <i>Materials Chemistry and Physics</i> , 2014, 145, 168-175.	4.0	6

#	ARTICLE	IF	CITATIONS
19	Application of rapid thermal process to solution-processed Ti-silicate films for enhancing permittivity without losing amorphous nature. <i>Current Applied Physics</i> , 2013, 13, S41-S44.	2.4	2
20	Optical properties of solution-processed LaAlO <sub>x</sub> /Si films using spectroscopic ellipsometry. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2013, 31, 04D110.	1.2	3
21	Effects of In or Ga doping on the growth behavior and optical properties of ZnO nanorods fabricated by hydrothermal process. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2013, 210, 1552-1556.	1.8	44
22	Effects of Heating Time and Intermediate Heating on Sol-Gel-Processed ZrO <sub>2</sub> Thin Films. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 09MF13.	1.5	1
23	Phase Transition and Microstructural Changes of Sol-Gel Derived ZrO <sub>2</sub> /Si Films by Thermal Annealing: Possible Stability of Tetragonal Phase without Transition to Monoclinic Phase. <i>Journal of Physical Chemistry C</i> , 2012, 116, 11386-11392.	3.1	11
24	Phase and structural evolution of sol-gel synthesized ZrO <sub>2</sub> /Si thin films under heat treatment. <i>Journal of Materials Science</i> , 2012, 47, 5216-5221.	3.7	6
25	Effect of Si Impurity Layer and Growth Temperature on MgB <sub>2</sub> Superconducting Tapes Fabricated by HPCVD. <i>Chemical Vapor Deposition</i> , 2012, 18, 36-40.	1.3	5
26	Effect of annealing temperature on microstructural evolution and electrical properties of sol-gel processed ZrO <sub>2</sub> /Si films. <i>Applied Physics Letters</i> , 2011, 98, .	3.3	54
27	Effect of peak current density on the mechanical and electrical properties of copper/polymide fabricated by a pulsed electrodeposition process. <i>Current Applied Physics</i> , 2011, 11, S128-S131.	2.4	4
28	Effect of Ga content and sintering time on electrical properties of InGaZnO thin film transistors fabricated by sol-gel process. <i>Journal of Crystal Growth</i> , 2011, 326, 175-178.	1.5	26
29	Improvement of the critical current density and upper critical field in C-doped MgB <sub>2</sub> wire using cellulose acetate. <i>Metals and Materials International</i> , 2010, 16, 1029-1033.	3.4	2
30	Study on the improved J(B) performance of polyacrylic acid-doped MgB <sub>2</sub> bulks. <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, S1032-S1033.	1.2	3
31	Improvement of high-field J of MgB <sub>2</sub> wires by polymethyl-methacrylate doping. <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, S1034-S1035.	1.2	4
32	O-free polyacrylonitrile doping to improve the J <sub>c</sub> (B) and H <sub>c2</sub> of MgB <sub>2</sub> wires. <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, 1430-1434.	1.2	3
33	Enhanced Magnetic Property of MgB <sub>2</sub> Wire Using Phenol-Formaldehyde Resin. <i>IEEE Transactions on Applied Superconductivity</i> , 2010, 20, 1593-1596.	1.7	2
34	Effect of Sintering Time at Low Temperature on the Properties of IGZO TFTs Fabricated by Using the Sol-gel Process. <i>Journal of the Korean Physical Society</i> , 2010, 57, 1836-1841.	0.7	14
35	Solution-processed InGaZnO-based thin film transistors for printed electronics applications. <i>Applied Physics Letters</i> , 2009, 95, .	3.3	90
36	Fabrication and Characterization of the MgB <sub>2</sub> Bulk Superconductors Doped by Carbon Nanotubes. <i>IEEE Transactions on Applied Superconductivity</i> , 2009, 19, 2767-2770.	1.7	4

#	ARTICLE	IF	CITATIONS
37	Effect of Mechanical Alloying on the Microstructure and Properties of C-Doped $\text{MgB}_2$ Wire by Ex-Situ Process. IEEE Transactions on Applied Superconductivity, 2009, 19, 2710-2713.	1.7	2
38	Fabrication of C Doped $\text{MgB}_2$ Wire Using a Mixture of In-situ and Ex-situ Powders. IEEE Transactions on Applied Superconductivity, 2009, 19, 2702-2705.	1.7	2
39	Fabrication of two-layer flexible copper clad laminate by electroless-Cu plating on surface modified polyimide. Transactions of Nonferrous Metals Society of China, 2009, 19, 970-974.	4.2	16
40	Structural characterization of multi-coated YBCO films processed by metal-organic deposition method. Physica C: Superconductivity and Its Applications, 2008, 468, 1666-1669.	1.2	3
41	Fabrication of the YBCO Films Made by TFA-MOD Using the 211-Process. IEEE Transactions on Applied Superconductivity, 2007, 17, 3302-3305.	1.7	0
42	A Study on the Processing Variables of the BSCCO-2212 Bulk Superconductors. IEEE Transactions on Applied Superconductivity, 2007, 17, 3004-3007.	1.7	1
43	The Effects of the Humidity and Thickness on YBCO Film Prepared Using the TFA-MOD Method. IEEE Transactions on Applied Superconductivity, 2007, 17, 3298-3301.	1.7	3
44	Characterization of Failure Behaviors in Anisotropic Conductive Interconnection. Materials Transactions, 2007, 48, 1070-1078.	1.2	12
45	Fabrication of Ni Metal Mask by Electroforming Process Using Wetting Agents. Journal of Electronic Materials, 2007, 36, 1510-1515.	2.2	7
46	Interfacial reactions and joint strength of Sn-37Pb and Sn-3.5Ag solders with immersion Ag-plated Cu substrate during aging at 150 °C. Journal of Materials Research, 2006, 21, 3196-3204.	2.6	30
47	Fabrication of YBCO coated conductor by TFA-MOD using the 211 process. Physica C: Superconductivity and Its Applications, 2006, 445-448, 594-597.	1.2	0
48	Development of YBCO film approached by TFA-MOD method using the $\text{Y}_2\text{Ba}_1\text{Cu}_1\text{O}_x$ and $\text{Ba}_3\text{Cu}_5\text{O}_8$ powders. Materials Research Society Symposia Proceedings, 2006, 946, 1.	0.1	0
49	Fabrication of YBCO coated conductor by TFA-MOD method in route of dissolving Y211 and $\text{Ba}_3\text{Cu}_5\text{O}_8$ powders in TFA. Physica C: Superconductivity and Its Applications, 2005, 426-431, 973-978.	1.2	5