

Hoon Kim

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

272
citations

1163117

8
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1281871

11
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times ranked

483
citing authors

#	ARTICLE	IF	CITATIONS
1	Large electrocaloric effect with high thermal and electric field cycling stability in solution-processed Y:HfO_2 thin films. <i>Journal of Materials Chemistry A</i> , 2022, 10, 9960-9970.	10.3	4
2	Low-Temperature Growth of Ferroelectric $\text{Hf}_{0.5}\text{Zr}_{0.5}\text{O}_2$ Thin Films Assisted by Deep Ultraviolet Light Irradiation. <i>ACS Applied Electronic Materials</i> , 2021, 3, 1244-1251.	4.3	16
3	Reducing Time to Discovery: Materials and Molecular Modeling, Imaging, Informatics, and Integration. <i>ACS Nano</i> , 2021, 15, 3971-3995.	14.6	36
4	Effect of Hydrogen on Hafnium Zirconium Oxide Fabricated by Atomic Layer Deposition Using H_2O_2 Oxidant. <i>Physica Status Solidi - Rapid Research Letters</i> , 2021, 15, 2100020.	2.4	2
5	Multi-Step Chemical Solution Deposition-Annealing Process Toward Wake-Up Free Ferroelectricity in Y:HfO_2 Films. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100907.	3.7	8
6	Breaking the elastic limit of piezoelectric ceramics using nanostructures: A case study using ZnO. <i>Nano Energy</i> , 2020, 78, 105259.	16.0	23
7	Flexible 3D Electrodes of Free-Standing TiN Nanotube Arrays Grown by Atomic Layer Deposition with a Ti Interlayer as an Adhesion Promoter. <i>Nanomaterials</i> , 2020, 10, 409.	4.1	3
8	Nanoscale effects of beverages on enamel surface of human teeth: An atomic force microscopy study. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 110, 103930.	3.1	10
9	Self-assembly and electrochemical property of an amphiphilic rod-coil-rod consisting of tetraaniline and poly(ethylene glycol) blocks. <i>Macromolecular Research</i> , 2013, 21, 815-820.	2.4	14
10	Electrical Switching between Vesicles and Micelles via Redox-Responsive Self-Assembly of Amphiphilic Rod-Coils. <i>Journal of the American Chemical Society</i> , 2011, 133, 5206-5209.	13.7	135
11	Self-assembly of rod-coils consisting of tetraaniline and alkyl chains in different oxidation states. <i>Journal of Materials Chemistry</i> , 2010, 20, 1186-1191.	6.7	21