Hoon Kim

List of Publications by Year
in descending order

11 papers	272 citations	1163117 8 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	483 citing authors

#	Article	IF	Citations
1	Electrical Switching between Vesicles and Micelles via Redox-Responsive Self-Assembly of Amphiphilic Rodâ^'Coils. Journal of the American Chemical Society, 2011, 133, 5206-5209.	13.7	135
2	Reducing Time to Discovery: Materials and Molecular Modeling, Imaging, Informatics, and Integration. ACS Nano, 2021, 15, 3971-3995.	14.6	36
3	Breaking the elastic limit of piezoelectric ceramics using nanostructures: A case study using ZnO. Nano Energy, 2020, 78, 105259.	16.0	23
4	Self-assembly of rod-coils consisting of tetraaniline and alkyl chains in different oxidation states. Journal of Materials Chemistry, 2010, 20, 1186-1191.	6.7	21
5	Low-Temperature Growth of Ferroelectric Hf_{0.5}Zr_{0.5}O₂ Thin Films Assisted by Deep Ultraviolet Light Irradiation. ACS Applied Electronic Materials, 2021, 3, 1244-1251.	4.3	16
6	Self-assembly and electrochemical property of an amphiphilic rod-coil-rod consisting of tetraaniline and poly(ethylene glycol) blocks. Macromolecular Research, 2013, 21, 815-820.	2.4	14
7	Nanoscale effects of beverages on enamel surface of human teeth: An atomic force microscopy study. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 110, 103930.	3.1	10
8	Multiâ€Step Chemical Solution Depositionâ€Annealing Process Toward Wakeâ€Up Free Ferroelectricity in Y:HfO₂ Films. Advanced Materials Interfaces, 2021, 8, 2100907.	3.7	8
9	Large electrocaloric effect with high thermal and electric field cycling stability in solution-processed Y:HfO₂ thin films. Journal of Materials Chemistry A, 2022, 10, 9960-9970.	10.3	4
10	Flexible 3D Electrodes of Free-Standing TiN Nanotube Arrays Grown by Atomic Layer Deposition with a Ti Interlayer as an Adhesion Promoter. Nanomaterials, 2020, 10, 409.	4.1	3
11	Effect of Hydrogen on Hafnium Zirconium Oxide Fabricated by Atomic Layer Deposition Using H₂O₂ Oxidant. Physica Status Solidi - Rapid Research Letters, 2021, 15, 2100020.	2.4	2