

Seung Hun Lee

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

557
citations

8
h-index

21
g-index

21
ext. papers

691
ext. citations

7.9
avg, IF

3.25
L-index

#	Paper	IF	Citations
18	Cobalt-Iron-Phosphate Hydrogen Evolution Reaction Electrocatalyst for Solar-Driven Alkaline Seawater Electrolyzer. <i>Nanomaterials</i> , 2021 , 11,	5.4	2
17	Effects of Pulse Current Charging on the Aging Performance of Commercial Cylindrical Lithium Ion Batteries. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 4918	2.6	2
16	Self-organization of various phase-separated nanostructures in a single chemical vapor deposition. <i>Nano Research</i> , 2020 , 13, 1723-1732	10	1
15	Combined Treatment on an Al Surface to Improve the Metal-Polymer Adhesion Strength. <i>Journal of Nanoscience and Nanotechnology</i> , 2020 , 20, 270-277	1.3	1
14	Enabling reversible redox reactions in electrochemical cells using protected LiAl intermetallics as lithium metal anodes. <i>Science Advances</i> , 2019 , 5, eaax5587	14.3	50
13	Perfect Andreev reflection due to the Klein paradox in a topological superconducting state. <i>Nature</i> , 2019 , 570, 344-348	50.4	19
12	Sputtering of TiO ₂ for High-Efficiency Perovskite and 23.1% Perovskite/Silicon 4-Terminal Tandem Solar Cells. <i>ACS Applied Energy Materials</i> , 2019 , 2, 6263-6268	6.1	11
11	Homogeneous Na incorporation for industrial-scale application of Cu(In,Ga)(Se,S) ₂ solar cells. <i>Progress in Photovoltaics: Research and Applications</i> , 2018 , 26, 112-126	6.8	4
10	Characterization of Methylammonium Lead Iodide Perovskite Solar Cells by Surface Morphology Changes. <i>Journal of Nanoscience and Nanotechnology</i> , 2017 , 17, 4817-4821	1.3	1
9	Formation of ferromagnetic Co-H-Co complex and spin-polarized conduction band in Co-doped ZnO. <i>Scientific Reports</i> , 2017 , 7, 11101	4.9	4
8	Observation of the Superconducting Proximity Effect in the Surface State of SmB ₆ Thin Films. <i>Physical Review X</i> , 2016 , 6,	9.1	10
7	Magnetic domains in H-mediated Zn _{0.9} Co _{0.10} microdisk arrays. <i>RSC Advances</i> , 2016 , 6, 57375-57379	3.7	1
6	UV Degradation and Recovery of Perovskite Solar Cells. <i>Scientific Reports</i> , 2016 , 6, 38150	4.9	195
5	Control of magneto-transport characteristics of Co-doped ZnO by electron beam irradiation. <i>RSC Advances</i> , 2016 , 6, 41067-41073	3.7	6
4	Electric-Field-Induced Degradation of Methylammonium Lead Iodide Perovskite Solar Cells. <i>Journal of Physical Chemistry Letters</i> , 2016 , 7, 3091-6	6.4	123
3	Study on the formation of magnetic nanoclusters and change in spin ordering in Co-doped ZnO using magnetic susceptibility. <i>RSC Advances</i> , 2015 , 5, 65840-65846	3.7	3
2	Cu mesh for flexible transparent conductive electrodes. <i>Scientific Reports</i> , 2015 , 5, 10715	4.9	87

1	Analysis of oxygen vacancy in Co-doped ZnO using the electron density distribution obtained using MEM. <i>Nanoscale Research Letters</i> , 2015 , 10, 186	5	34
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