

Son D N Luu

List of Publications by Year in descending order

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14
papers

308
citations

1040056

9
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

566
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of copper in the thermal conductivity of thermoelectric oxychalcogenides: do lone pairs matter?. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 31735-31740.	2.8	74
2	Synthesis, characterisation and thermoelectric properties of the oxytelluride Bi ₂ O ₂ Te. <i>Journal of Solid State Chemistry</i> , 2015, 226, 219-223.	2.9	67
3	Synthesis, structural characterisation and thermoelectric properties of Bi _{1-x} PbxOCuSe. <i>Journal of Materials Chemistry A</i> , 2013, 1, 12270.	10.3	47
4	Layered oxychalcogenides: Structural chemistry and thermoelectric properties. <i>Journal of Materiomics</i> , 2016, 2, 131-140.	5.7	39
5	Thermoelectric properties of BiO _x M _x Se (M = Cd and Zn). <i>Semiconductor Science and Technology</i> , 2014, 29, 064002.	2.0	16
6	Origin of Low Thermal Conductivity in In ₄ Se ₃ . <i>ACS Applied Energy Materials</i> , 2020, 3, 12549-12556.	5.1	14
7	Effect of dopants and nanostructuring on the thermoelectric properties of ZnO materials. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2019, 10, 023001.	1.5	12
8	Improved thermoelectric power factor achieved by energy filtering in ZnO:Mg/ZnO hetero-structures. <i>Thin Solid Films</i> , 2021, 721, 138537.	1.8	11
9	Recovery of Magnesium from Industrial Effluent and Its Implication on Carbon Capture and Storage. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 6732-6740.	6.7	10
10	Structural and Thermoelectric Properties of Solid-Liquid In ₄ Se ₃ -In Composite. <i>Journal of Electronic Materials</i> , 2019, 48, 5418-5427.	2.2	7
11	Surface Reaction Mechanism of Acetonitrile on Doped SnO ₂ Sensor Element and Its Response Behavior. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 2119-2121.	1.5	6
12	Fabrication and Characterization of Multi-layer Heat Mirror with Photocatalytic Properties. <i>Chinese Physics Letters</i> , 2009, 26, 116801.	3.3	4
13	Enhanced Photocatalytic Activity of TiO ₂ Nanotubes with Acid Treatments. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 9192-9197.	0.9	1
14	SYNTHESIS AND PHOTOCATALYTIC ACTIVITIES OF CuO-TiO ₂ NANOCOMPOSITES. <i>Science and Technology</i> , 2018, 54, 35.	0.2	0