

# Son D N Luu

## List of Publications by Year in descending order

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docs citations

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citing authors

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