

# Chengxiao Peng

## List of Publications by Year in descending order

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1163117  
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docs citations

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times ranked

306  
citing authors

#	ARTICLE	IF	CITATIONS
1	Possible Origin of Ferromagnetism in an Undoped ZnO d0 Semiconductor. Journal of Physical Chemistry C, 2012, 116, 9709-9715.	3.1	50
2	Ag-Mg antisite defect induced high thermoelectric performance of $\hat{1}\pm$ -MgAgSb. Scientific Reports, 2017, 7, 2572.	3.3	28
3	Boosting photocatalytic activity through tuning electron spin states and external magnetic fields. Journal of Materials Science and Technology, 2022, 115, 208-220.	10.7	24
4	Electronic Structure and Thermoelectric Properties of ZnO Single-Walled Nanotubes and Nanowires. Journal of Physical Chemistry C, 2013, 117, 21037-21042.	3.1	19
5	Tuning magnetism by biaxial strain in native ZnO. Physical Chemistry Chemical Physics, 2015, 17, 16536-16544.	2.8	19
6	Strong ultraviolet luminescence of ZnO thin films with nanowall-network structures. Optics Express, 2008, 16, 10696.	3.4	14
7	Optimizing the Dopant and Carrier Concentration of Ca <sub>5</sub> Al <sub>2</sub> Sb <sub>6</sub> for High Thermoelectric Efficiency. Scientific Reports, 2016, 6, 29550.	3.3	10
8	Dependence of phonon transport properties with stacking thickness in layered ZnO. Journal Physics D: Applied Physics, 2018, 51, 315303.	2.8	9
9	Improvement of Thermoelectricity Through Magnetic Interactions in Layered Cr <sub>2</sub> Ge <sub>2</sub> Te <sub>6</sub> . Physica Status Solidi - Rapid Research Letters, 2018, 12, 1800172.	2.4	9
10	The lattice thermal conductivity in monolayers group-VA: from elements to binary compounds. Materials Research Express, 2021, 8, 075007.	1.6	2
11	A Colossal Enhancement of Thermoelectric Performance of Monolayer SbAs Using Strain Engineering. Physica Status Solidi - Rapid Research Letters, 2021, 15, 2100175.	2.4	1