

# Zhen Li

## List of Publications by Year in descending order

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11  
papers

330  
citations

1040056

9  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

738  
citing authors

#	ARTICLE	IF	CITATIONS
1	p-Type transition-metal doping of large-area MoS <sub>2</sub> thin films grown by chemical vapor deposition. <i>Nanoscale</i> , 2017, 9, 3576-3584.	5.6	75
2	Single Crystalline Nanostructures of Topological Crystalline Insulator SnTe with Distinct Facets and Morphologies. <i>Nano Letters</i> , 2013, 13, 5443-5448.	9.1	72
3	Diameter dependent thermoelectric properties of individual SnTe nanowires. <i>Nanoscale</i> , 2015, 7, 2869-2876.	5.6	46
4	Epitaxial thin films of pyrochlore iridate Bi <sub>2</sub> Xr <sub>2</sub> O <sub>7</sub> : structure, defects and transport properties. <i>Scientific Reports</i> , 2017, 7, 7740.	3.3	29
5	Strain-induced structural defects and their effects on the electrochemical performances of silicon core/germanium shell nanowire heterostructures. <i>Nanoscale</i> , 2017, 9, 1213-1220.	5.6	24
6	Enhanced thermoelectric properties of topological crystalline insulator PbSnTe nanowires grown by vapor transport. <i>Nano Research</i> , 2016, 9, 820-830.	10.4	22
7	Large-size niobium disulfide nanoflakes down to bilayers grown by sulfurization. <i>Nano Research</i> , 2018, 11, 5978-5988.	10.4	21
8	Surface oxidation and thermoelectric properties of indium-doped tin telluride nanowires. <i>Nanoscale</i> , 2017, 9, 13014-13024.	5.6	20
9	Mechanically controlling the reversible phase transformation from zinc blende to wurtzite in AlN. <i>Materials Research Letters</i> , 2017, 5, 426-432.	8.7	15
10	Self-organization of various phase-separated nanostructures in a single chemical vapor deposition. <i>Nano Research</i> , 2020, 13, 1723-1732.	10.4	3
11	Quantum Emission Assisted by Energy Landscape Modification in Pentacene-Decorated Carbon Nanotubes. <i>ACS Photonics</i> , 2021, 8, 2367-2374.	6.6	3