

Yi Zhou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/176693/publications.pdf>

Version: 2024-02-01

13
papers

784
citations

1040056

9
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

722
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid solar-driven interfacial evaporation systems: Beyond water production towards high solar energy utilization. <i>Materials Today</i> , 2021, 42, 178-191.	14.2	274
2	A Fast Autonomous Healing Magnetic Elastomer for Instantly Recoverable, Modularly Programmable, and Thermorecyclable Soft Robots. <i>Advanced Functional Materials</i> , 2021, 31, 2101825.	14.9	56
3	All-Soft and Stretchable Thermogalvanic Gel Fabric for Antideformity Body Heat Harvesting Wearable. <i>Advanced Energy Materials</i> , 2021, 11, 2102219.	19.5	52
4	Enhanced Thermoelectric Performance Achieved in SnTe via the Synergy of Valence Band Regulation and Fermi Level Modulation. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 50037-50045.	8.0	18
5	Porous Thermoelectric Zintl: YbCd_2Sb_2 . <i>ACS Applied Energy Materials</i> , 2021, 4, 913-920.	5.1	9
6	Dynamic piezo-thermoelectric generator for simultaneously harvesting mechanical and thermal energies. <i>Nano Energy</i> , 2020, 69, 104397.	16.0	38
7	Controlled heterogeneous water distribution and evaporation towards enhanced photothermal water-electricity-hydrogen production. <i>Nano Energy</i> , 2020, 77, 105102.	16.0	148
8	Scalable thermoelectric fibers for multifunctional textile-electronics. <i>Nature Communications</i> , 2020, 11, 6006.	12.8	122
9	Redesign high-performance flexible thermoelectrics: From mathematical algorithm to artificial cracks. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	8
10	Suppressing bipolar effect to broadening the optimum range of thermoelectric performance for p-type bismuth telluride-based alloys via calcium doping. <i>Materials Today Physics</i> , 2019, 9, 100130.	6.0	45
11	Design and Fabrication of Multifunctional Portable Bi_2Te_3 -Based Thermoelectric Camping Lamp. <i>Journal of Electronic Materials</i> , 2018, 47, 4090-4097.	2.2	3
12	Piezoelectric Nuclear Battery Driven by the Jet-Flow. , 2017, , .		1
13	A review of radioisotope batteries. <i>Chinese Science Bulletin</i> , 2017, 62, 1831-1845.	0.7	10