

Yuxi Wang

List of Publications by Year in descending order

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14
papers

1,713
citations

840776

11
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

2274
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-inhibition effect of metal incorporation in nanoscaled semiconductors. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	0
2	Sustainable off-grid desalination of hypersaline waters using Janus wood evaporators. Energy and Environmental Science, 2021, 14, 5347-5357.	30.8	133
3	Subambient daytime radiative cooling textile based on nanoprocessed silk. Nature Nanotechnology, 2021, 16, 1342-1348.	31.5	178
4	Electrical decoupling of microbial electrochemical reactions enables spontaneous H ₂ evolution. Energy and Environmental Science, 2020, 13, 495-502.	30.8	20
5	A water lilyâ€‘inspired hierarchical design for stable and efficient solar evaporation of high-salinity brine. Science Advances, 2019, 5, eaaw7013.	10.3	335
6	Seedâ€‘induced Vertical Growth of 2D Bi ₂ O ₂ Se Nanoplates by Chemical Vapor Transport. Advanced Functional Materials, 2019, 29, 1906639.	14.9	39
7	Ethanol Assisted Transfer for Clean Assembly of 2D Building Blocks and Suspended Structures. Advanced Functional Materials, 2019, 29, 1902427.	14.9	14
8	Minimized lithium trapping by isovalent isomorphism for high initial Coulombic efficiency of silicon anodes. Science Advances, 2019, 5, eaax0651.	10.3	122
9	Cation Dynamics Governed Thermal Properties of Lead Halide Perovskite Nanowires. Nano Letters, 2018, 18, 2772-2779.	9.1	55
10	Flexible and Salt Resistant Janus Absorbers by Electrospinning for Stable and Efficient Solar Desalination. Advanced Energy Materials, 2018, 8, 1702884.	19.5	635
11	Hybrid Solar Absorberâ€‘Emitter by Coherenceâ€‘enhanced Absorption for Improved Solar Thermophotovoltaic Conversion. Advanced Optical Materials, 2018, 6, 1800813.	7.3	33
12	Thermal Properties of Two Dimensional Layered Materials. Advanced Functional Materials, 2017, 27, 1604134.	14.9	130
13	Anomalous thermal anisotropy of two-dimensional nanoplates of vertically grown MoS ₂ . Applied Physics Letters, 2017, 111, .	3.3	8
14	Side chain engineering of naphthalene diimideâ€‘bithiopheneâ€‘based polymer acceptors in allâ€‘polymer solar cells. Journal of Polymer Science Part A, 2017, 55, 3679-3689.	2.3	10