

# Yuxi Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9614934/publications.pdf>

Version: 2024-02-01

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	Flexible and Salt Resistant Janus Absorbers by Electrospinning for Stable and Efficient Solar Desalination. <i>Advanced Energy Materials</i> , 2018, 8, 1702884.	19.5	635
2	A water lilyâ€“inspired hierarchical design for stable and efficient solar evaporation of high-salinity brine. <i>Science Advances</i> , 2019, 5, eaaw7013.	10.3	335
3	Subambient daytime radiative cooling textile based on nanoprocessed silk. <i>Nature Nanotechnology</i> , 2021, 16, 1342-1348.	31.5	178
4	Sustainable off-grid desalination of hypersaline waters using Janus wood evaporators. <i>Energy and Environmental Science</i> , 2021, 14, 5347-5357.	30.8	133
5	Thermal Properties of Two Dimensional Layered Materials. <i>Advanced Functional Materials</i> , 2017, 27, 1604134.	14.9	130
6	Minimized lithium trapping by isovalent isomorphism for high initial Coulombic efficiency of silicon anodes. <i>Science Advances</i> , 2019, 5, eaax0651.	10.3	122
7	Cation Dynamics Governed Thermal Properties of Lead Halide Perovskite Nanowires. <i>Nano Letters</i> , 2018, 18, 2772-2779.	9.1	55
8	Seedâ€“Induced Vertical Growth of 2D Bi<sub>2</sub>O<sub>2</sub>Se Nanoplates by Chemical Vapor Transport. <i>Advanced Functional Materials</i> , 2019, 29, 1906639.	14.9	39
9	Hybrid Solar Absorberâ€“Emitter by Coherenceâ€“Enhanced Absorption for Improved Solar Thermophotovoltaic Conversion. <i>Advanced Optical Materials</i> , 2018, 6, 1800813.	7.3	33
10	Electrical decoupling of microbial electrochemical reactions enables spontaneous H<sub>2</sub> evolution. <i>Energy and Environmental Science</i> , 2020, 13, 495-502.	30.8	20
11	Ethanol Assisted Transfer for Clean Assembly of 2D Building Blocks and Suspended Structures. <i>Advanced Functional Materials</i> , 2019, 29, 1902427.	14.9	14
12	Side chain engineering of naphthalene diimideâ€“bithiopheneâ€“based polymer acceptors in allâ€“polymer solar cells. <i>Journal of Polymer Science Part A</i> , 2017, 55, 3679-3689.	2.3	10
13	Anomalous thermal anisotropy of two-dimensional nanoplates of vertically grown MoS2. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	8
14	Self-inhibition effect of metal incorporation in nanoscaled semiconductors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	0