

# Lin Yuan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5471070/publications.pdf>

Version: 2024-02-01

14  
papers

602  
citations

840776

11  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

903  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bio-derived ultrathin membrane for solar driven water purification. <i>Nano Energy</i> , 2019, 60, 567-575.	16.0	116
2	Morphology-Dependent Reactivity of a Plasmonic Photocatalyst. <i>ACS Nano</i> , 2020, 14, 12054-12063.	14.6	69
3	In Situ Synthesis of Lead-Free Halide Perovskite@COF Nanocomposites as Photocatalysts for Photoinduced Polymerization in Both Organic and Aqueous Phases. , 2022, 4, 464-471.		63
4	A reliable way of mechanical exfoliation of large scale two dimensional materials with high quality. <i>AIP Advances</i> , 2016, 6, .	1.3	53
5	Impact of chemical interface damping on surface plasmon dephasing. <i>Faraday Discussions</i> , 2019, 214, 59-72.	3.2	53
6	Al@TiO <sub>2</sub> Core-Shell Nanoparticles for Plasmonic Photocatalysis. <i>ACS Nano</i> , 2022, 16, 5839-5850.	14.6	48
7	Hot carrier multiplication in plasmonic photocatalysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	43
8	Shining Light on Aluminum Nanoparticle Synthesis. <i>Accounts of Chemical Research</i> , 2020, 53, 2020-2030.	15.6	34
9	Evaluation of wetting transparency and surface energy of pristine and aged graphene through nanoscale friction. <i>Carbon</i> , 2018, 132, 749-759.	10.3	32
10	Photocatalytic Hydrogenation of Graphene Using Pd Nanocones. <i>Nano Letters</i> , 2019, 19, 4413-4419.	9.1	32
11	A 3D Plasmonic Antenna-Reactor for Nanoscale Thermal Hotspots and Gradients. <i>ACS Nano</i> , 2021, 15, 8761-8769.	14.6	28
12	Influence of Annealing Temperature on CZTS Thin Film Surface Properties. <i>Journal of Electronic Materials</i> , 2017, 46, 288-295.	2.2	18
13	Investigation of sodium distribution in CuZnSnS thin films and its effects on the performance of the solar cells. <i>Materials Research Bulletin</i> , 2016, 84, 314-322.	5.2	9
14	Heterogeneous Plasmonic Photocatalysis: Light-Driven Chemical Reactions Introduce a New Approach to Industrially-Relevant Chemistry. <i>ACS Symposium Series</i> , 0, , 363-387.	0.5	4