

Lin Yuan

List of Publications by Year in descending order

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