

# Lin-Fei Zhang

## List of Publications by Year in descending order

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27  
papers

1,100  
citations

430874

18  
h-index

501196

28  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2064  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Branched Concave Au/Pd Bimetallic Nanocrystals with Superior Electrocatalytic Activity and Highly Efficient SERS Enhancement. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 645-649.	13.8	152
2	Enhanced Electrocatalytic Hydrogen Evolution Activity in Single-Atom Pt-Decorated VS <sub>2</sub> Nanosheets. <i>ACS Nano</i> , 2020, 14, 5600-5608.	14.6	135
3	Terbium-based infinite coordination polymer hollow microspheres: preparation and white-light emission. <i>Journal of Materials Chemistry</i> , 2011, 21, 16574.	6.7	111
4	Efficient coupling of a hierarchical V <sub>2</sub> O <sub>5</sub> @Ni <sub>3</sub> S <sub>2</sub> hybrid nanoarray for pseudocapacitors and hydrogen production. <i>Journal of Materials Chemistry A</i> , 2017, 5, 17954-17962.	10.3	88
5	Novel CeO <sub>2</sub> yolk-shell structures loaded with tiny Au nanoparticles for superior catalytic reduction of p-nitrophenol. <i>Nanoscale</i> , 2012, 4, 6835.	5.6	86
6	Multifunctional Co <sub>0.85</sub> Se/graphene hybrid nanosheets: controlled synthesis and enhanced performances for the oxygen reduction reaction and decomposition of hydrazine hydrate. <i>Nanoscale</i> , 2014, 6, 1782-1789.	5.6	78
7	Uniform and Porous Ce <sub>1-x</sub> Zn <sub>x</sub> O <sub>2</sub> Solid Solution Nanodisks: Preparation and Their CO Oxidation Activity. <i>Journal of Physical Chemistry C</i> , 2012, 116, 13127-13132.	3.1	48
8	Site-Selective Bi <sub>2</sub> Te <sub>3</sub> -FeTe <sub>2</sub> Heterostructure as a Broadband Saturable Absorber for Ultrafast Photonics. <i>Laser and Photonics Reviews</i> , 2020, 14, 1900409.	8.7	43
9	Dodecahedral Au@Pd nanocrystals with high-index facets and excellent electrocatalytic activity and highly efficient surface-enhanced Raman scattering enhancement. <i>Nanoscale</i> , 2013, 5, 6074.	5.6	33
10	2D MoSe <sub>2</sub> /CoP intercalated nanosheets for efficient electrocatalytic hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 19246-19256.	7.1	32
11	V <sub>2</sub> O <sub>5</sub> -C-SnO <sub>2</sub> Hybrid Nanobelts as High Performance Anodes for Lithium-ion Batteries. <i>Scientific Reports</i> , 2016, 6, 33597.	3.3	31
12	Axial Modulation of Metal-Insulator Phase Transition of VO <sub>2</sub> Nanowires by Graded Doping Engineering for Optically Readable Thermometers. <i>Journal of Physical Chemistry C</i> , 2017, 121, 24877-24885.	3.1	31
13	Phosphorous doped graphitic-C <sub>3</sub> N <sub>4</sub> hierarchical architecture for hydrogen production from water under visible light. <i>Materials Today Energy</i> , 2017, 5, 91-98.	4.7	27
14	Gelatin-mediated hydrothermal synthesis of apple-like LaCO <sub>3</sub> OH hierarchical nanostructures and tunable white-light emission. <i>CrystEngComm</i> , 2011, 13, 4151.	2.6	24
15	Controlled growth of concave gold nanobars with high surface-enhanced Raman-scattering and excellent catalytic activities. <i>Nanoscale</i> , 2013, 5, 5794.	5.6	23
16	pH-controlled growth of ultrathin iron vanadium oxide (FeV <sub>3</sub> O <sub>8</sub> ) nanoplatelets with high visible-light photo-catalytic activity. <i>Journal of Materials Chemistry A</i> , 2014, 2, 14903.	10.3	23
17	Mixed-solvothermal synthesis of CdS micro/nanostructures and their optical properties. <i>Applied Surface Science</i> , 2011, 257, 2599-2603.	6.1	20
18	Hierarchical ZnO Nanostructures with Blooming Flowers Driven by Screw Dislocations. <i>Scientific Reports</i> , 2015, 5, 8226.	3.3	14

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19	Highly uniform CeO <sub>2</sub> hierarchical microstructures: Facile synthesis and catalytic activity evaluation. Applied Surface Science, 2012, 263, 769-776.	6.1	13
20	A laser irradiation synthesis of strongly-coupled VO <sub>x</sub> -reduced graphene oxide composites as enhanced performance supercapacitor electrodes. Materials Today Energy, 2017, 5, 222-229.	4.7	13
21	A laser synthesis of vanadium oxide bonded graphene for high-rate supercapacitors. Journal of Energy Chemistry, 2020, 49, 174-178.	12.9	12
22	Y-shaped ZnO Nanobelts Driven from Twinned Dislocations. Scientific Reports, 2016, 6, 22494.	3.3	10
23	Three Dimensional Sculpturing of Vertical Nanowire Arrays by Conventional Photolithography. Scientific Reports, 2016, 6, 18886.	3.3	7
24	Defect-induced nucleation and epitaxial growth of a MOF-derived hierarchical Mo <sub>2</sub> C@Co architecture for an efficient hydrogen evolution reaction. RSC Advances, 2020, 10, 13838-13847.	3.6	7
25	Synthesis of 2D anatase TiO <sub>2</sub> with highly reactive facets by fluorine-free topochemical conversion of 1T-TiS <sub>2</sub> nanosheets. Journal of Materials Chemistry A, 2022, 10, 13884-13894.	10.3	7
26	Facile synthesis of concave decahedra enclosed by high-index facets and truncated decahedra with a large size. Dalton Transactions, 2012, 41, 4948.	3.3	6
27	Entropically Driven Formation of Ultralong Helical Mesostructured Organosilica Nanofibers. Small, 2014, 10, 888-894.	10.0	3