Feng Li

List of Publications by Citations

45 papers	4,858 citations	26 h-index	50 g-index
50 ext. papers	5,766 ext. citations	14.4 avg, IF	5.7 L-index

#	Paper	IF	Citations
45	Doped graphene sheets as anode materials with superhigh rate and large capacity for lithium ion batteries. *ACS Nano*, **2011**, 5, 5463-71	16.7	1700
44	An efficient and pH-universal ruthenium-based catalyst for the hydrogen evolution reaction. *Nature Nanotechnology*, **2017**, 12, 441-446	28.7	857
43	Boosting oxygen reduction catalysis with abundant copper single atom active sites. *Energy and Environmental Science*, **2018**, 11, 2263-2269	35.4	301
42	Two-dimensional polyaniline (C3N) from carbonized organic single crystals in solid state. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 7414-9	11.5	278
41	Visible light photocatalyst: iodine-doped mesoporous titania with a bicrystalline framework. *Journal of Physical Chemistry B*, **2006**, 110, 20823-8	3.4	220
40	2D Frameworks of C N and C N as New Anode Materials for Lithium-Ion Batteries. *Advanced Materials*, **2017**, 29, 1702007	24	196
39	Mechanochemically Assisted Synthesis of a Ru Catalyst for Hydrogen Evolution with Performance Superior to Pt in Both Acidic and Alkaline Media. *Advanced Materials*, **2018**, 30, e1803676	24	125
38	Building and identifying highly active oxygenated groups in carbon materials for oxygen reduction to HO. *Nature Communications*, **2020**, 11, 2209	17.4	107
37	Fe@C2N: A highly-efficient indirect-contact oxygen reduction catalyst. *Nano Energy*, **2018**, 44, 304-310	17.1	85
36	Macroporous Inverse Opal-like MoC with Incorporated Mo Vacancies for Significantly Enhanced Hydrogen Evolution. *ACS Nano*, **2017**, 11, 7527-7533	16.7	84
35	Balancing hydrogen adsorption/desorption by orbital modulation for efficient hydrogen evolution catalysis. *Nature Communications*, **2019**, 10, 4060	17.4	70
34	Visible light responsive Bi7Fe3Ti3O21 nanoshelf photocatalysts with ferroelectricity and ferromagnetism. *Journal of Materials Chemistry A*, **2014**, 2, 13366	13	65
33	Controlled Fabrication of Hierarchically Structured Nitrogen-Doped Carbon Nanotubes as a Highly Active Bifunctional Oxygen Electrocatalyst. *Advanced Functional Materials*, **2017**, 27, 1605717	15.6	62
32	Porous Cobalt Phosphide Polyhedrons with Iron Doping as an Efficient Bifunctional Electrocatalyst. *Small*, **2017**, 13, 1701167	11	59
31	Construction of Porous Mo P/Mo Nanobelts as Catalysts for Efficient Water Splitting. *Angewandte Chemie - International Edition*, **2018**, 57, 14139-14143	16.4	53
30	Three Birds, One-Stone Strategy for Hybrid Microwave Synthesis of Ta and Sn Codoped Fe2O3@FeTaO4 Nanorods for Photo-Electrochemical Water Oxidation. *Advanced Functional Materials*, **2019**, 29, 1805737	15.6	52
29	Mechanochemistry for ammonia synthesis under mild conditions. *Nature Nanotechnology*, **2021**, 16, 325-330	38.7	51

28	Identifying the structure of Zn-N active sites and structural activation. *Nature Communications*, **2019**, 10, 2623	17.4	50
27	Ultrafine CoPS nanoparticles encapsulated in N, P, and S tri-doped porous carbon as an efficient bifunctional water splitting electrocatalyst in both acid and alkaline solutions. *Journal of Materials Chemistry A*, **2018**, 6, 10433-10440	13	49
26	Facile synthesis of Ag nanoparticles supported on TiO2 inverse opal with enhanced visible-light photocatalytic activity. *Thin Solid Films*, **2012**, 520, 3515-3522	2.2	45
25	Enhanced visible photocatalytic activity of hybrid Pt/Fe2O3 nanorods. *RSC Advances*, **2012**, 2, 10057	3.7	35
24	A Robust 3D Cage-like Ultramicroporous Network Structure with High Gas-Uptake Capacity. *Angewandte Chemie - International Edition*, **2018**, 57, 3415-3420	16.4	34
23	Revealing Isolated M-N C Active Sites for Efficient Collaborative Oxygen Reduction Catalysis. *Angewandte Chemie - International Edition*, **2020**, 59, 23678-23683	16.4	30
22	Nanosheet array assembled by TiO2 nanocrystallites with {116} facets parallel to the nanosheet surface. *Journal of Materials Chemistry A*, **2013**, 1, 225-228	13	29
21	3D Macroporous MoxC@N-C with Incorporated Mo Vacancies as Anodes for High-Performance Lithium-Ion Batteries. *Small Methods*, **2018**, 2, 1800040	12.8	26
20	Multifunctional Single-Phase Photocatalysts: Extended Near Infrared Photoactivity and Reliable Magnetic Recyclability. *Scientific Reports*, **2015**, 5, 15511	4.9	26
19	Robust fused aromatic pyrazine-based two-dimensional network for stably cocooning iron nanoparticles as an oxygen reduction electrocatalyst. *Nano Energy*, **2019**, 56, 581-587	17.1	24
18	Facile route to prepare grain-oriented multiferroic Bi7Fe3To Ti3O21 ceramics. *Journal of the European Ceramic Society*, **2015**, 35, 3437-3443	6	18
17	Carbon-Based Electrocatalysts for Efficient Hydrogen Peroxide Production. *Advanced Materials*, **2021**, e2103266	24	18
16	Low-Temperature Conversion of Alcohols into Bulky Nanoporous Graphene and Pure Hydrogen with Robust Selectivity on CaO. *Advanced Materials*, **2019**, 31, e1807267	24	16
15	Molecular ordering and phase segregation induced by a volatile solid additive for highly efficient all-small-molecule organic solar cells. *Journal of Materials Chemistry A*, **2021**, 9, 2857-2863	13	15
14	Abrading bulk metal into single atoms.. *Nature Nanotechnology*, **2022**,	28.7	12
13	Surface Electronic Modulation with Hetero-Single Atoms to Enhance Oxygen Evolution Catalysis. *ACS Nano*, **2021**,	16.7	10
12	Dissociating stable nitrogen molecules under mild conditions by cyclic strain engineering. *Science Advances*, **2019**, 5, eaax8275	14.3	8
11	Tuning edge-oxygenated groups on graphitic carbon materials against corrosion. *Nano Energy*, **2019**, 66, 104112	17.1	7

10	Monodispersed platinum nanoparticles embedded in Ni3S2-containing hollow carbon spheres with ultralow Pt loading and high alkaline hydrogen evolution activity. *Electrochimica Acta*, **2019**, 318, 590-596	6.7	7
9	{116} faceted anatase single-crystalline nanosheet arrays: facile synthesis and enhanced electrochemical performances. *Nanoscale*, **2014**, 6, 12434-9	7.7	6
8	Construction of Porous Mo3P/Mo Nanobelts as Catalysts for Efficient Water Splitting. *Angewandte Chemie*, **2018**, 130, 14335-14339	3.6	6
7	Active Site Engineering in Transition Metal Based Electrocatalysts for Green Energy Applications. *Accounts of Materials Research*, **2021**, 2, 147-158	7.5	5
6	Ethanol assisted synthesis of anatase nanobelts with improved crystallinity and photocatalytic activity. *Applied Surface Science*, **2013**, 283, 175-180	6.7	3
5	Unveiling the critical role of active site interaction in single atom catalyst towards hydrogen evolution catalysis. *Nano Energy*, **2022**, 93, 106819	17.1	3
4	Tailoring of {116} faceted single crystalline anatase nanosheet arrays and their improved electrochemical performance. *CrystEngComm*, **2015**, 17, 4377-4382	3.3	2
3	Nanocatalytic Materials for Energy-Related Small-Molecules Conversions: Active Site Design, Identification and Structure-Performance Relationship Discovery.. *Accounts of Chemical Research*, **2021**,	24.3	2
2	Synthesis and Catalytic Property of Ribonucleoside-Derived Carbon Dots.. *Small*, **2022**, e2106269	11	1
1	Pt/TiO2 Nanosheets Array Dominated by {001} Facets with Enhanced Photocatalytic Activity. *Chinese Journal of Chemical Physics*, **2014**, 27, 530-534	0.9	0