

Feng Li

List of Publications by Year in Descending Order

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Version: 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Abrading bulk metal into single atoms.. <i>Nature Nanotechnology</i> , 2022 ,	28.7	12
44	Unveiling the critical role of active site interaction in single atom catalyst towards hydrogen evolution catalysis. <i>Nano Energy</i> , 2022 , 93, 106819	17.1	3
43	Synthesis and Catalytic Property of Ribonucleoside-Derived Carbon Dots.. <i>Small</i> , 2022 , e2106269	11	1
42	Surface Electronic Modulation with Hetero-Single Atoms to Enhance Oxygen Evolution Catalysis. <i>ACS Nano</i> , 2021 ,	16.7	10
41	Mechanochemistry for ammonia synthesis under mild conditions. <i>Nature Nanotechnology</i> , 2021 , 16, 325-389	38.9	51
40	Molecular ordering and phase segregation induced by a volatile solid additive for highly efficient all-small-molecule organic solar cells. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 2857-2863	13	15
39	Active Site Engineering in Transition Metal Based Electrocatalysts for Green Energy Applications. <i>Accounts of Materials Research</i> , 2021 , 2, 147-158	7.5	5
38	Carbon-Based Electrocatalysts for Efficient Hydrogen Peroxide Production. <i>Advanced Materials</i> , 2021 , e2103266	24	18
37	Nanocatalytic Materials for Energy-Related Small-Molecules Conversions: Active Site Design, Identification and Structure-Performance Relationship Discovery.. <i>Accounts of Chemical Research</i> , 2021 ,	24.3	2
36	Building and identifying highly active oxygenated groups in carbon materials for oxygen reduction to HO. <i>Nature Communications</i> , 2020 , 11, 2209	17.4	107
35	Revealing Isolated M-N C Active Sites for Efficient Collaborative Oxygen Reduction Catalysis. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 23678-23683	16.4	30
34	Balancing hydrogen adsorption/desorption by orbital modulation for efficient hydrogen evolution catalysis. <i>Nature Communications</i> , 2019 , 10, 4060	17.4	70
33	Tuning edge-oxygenated groups on graphitic carbon materials against corrosion. <i>Nano Energy</i> , 2019 , 66, 104112	17.1	7
32	Three Birds, One-Stone Strategy for Hybrid Microwave Synthesis of Ta and Sn Codoped Fe ₂ O ₃ @FeTaO ₄ Nanorods for Photo-Electrochemical Water Oxidation. <i>Advanced Functional Materials</i> , 2019 , 29, 1805737	15.6	52
31	Monodispersed platinum nanoparticles embedded in Ni ₃ S ₂ -containing hollow carbon spheres with ultralow Pt loading and high alkaline hydrogen evolution activity. <i>Electrochimica Acta</i> , 2019 , 318, 590-596	6.7	7
30	Identifying the structure of Zn-N active sites and structural activation. <i>Nature Communications</i> , 2019 , 10, 2623	17.4	50
29	Dissociating stable nitrogen molecules under mild conditions by cyclic strain engineering. <i>Science Advances</i> , 2019 , 5, eaax8275	14.3	8

28	Low-Temperature Conversion of Alcohols into Bulky Nanoporous Graphene and Pure Hydrogen with Robust Selectivity on CaO. <i>Advanced Materials</i> , 2019 , 31, e1807267	24	16
27	Robust fused aromatic pyrazine-based two-dimensional network for stably cocooning iron nanoparticles as an oxygen reduction electrocatalyst. <i>Nano Energy</i> , 2019 , 56, 581-587	17.1	24
26	A Robust 3D Cage-like Ultramicroporous Network Structure with High Gas-Uptake Capacity. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 3415-3420	16.4	34
25	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. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 10433-10440	13	49
24	3D Macroporous MoxC@N-C with Incorporated Mo Vacancies as Anodes for High-Performance Lithium-Ion Batteries. <i>Small Methods</i> , 2018 , 2, 1800040	12.8	26
23	Boosting oxygen reduction catalysis with abundant copper single atom active sites. <i>Energy and Environmental Science</i> , 2018 , 11, 2263-2269	35.4	301
22	Fe@C2N: A highly-efficient indirect-contact oxygen reduction catalyst. <i>Nano Energy</i> , 2018 , 44, 304-310	17.1	85
21	Mechanochemically Assisted Synthesis of a Ru Catalyst for Hydrogen Evolution with Performance Superior to Pt in Both Acidic and Alkaline Media. <i>Advanced Materials</i> , 2018 , 30, e1803676	24	125
20	Construction of Porous Mo3P/Mo Nanobelts as Catalysts for Efficient Water Splitting. <i>Angewandte Chemie</i> , 2018 , 130, 14335-14339	3.6	6
19	Construction of Porous Mo P/Mo Nanobelts as Catalysts for Efficient Water Splitting. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 14139-14143	16.4	53
18	Controlled Fabrication of Hierarchically Structured Nitrogen-Doped Carbon Nanotubes as a Highly Active Bifunctional Oxygen Electrocatalyst. <i>Advanced Functional Materials</i> , 2017 , 27, 1605717	15.6	62
17	An efficient and pH-universal ruthenium-based catalyst for the hydrogen evolution reaction. <i>Nature Nanotechnology</i> , 2017 , 12, 441-446	28.7	857
16	2D Frameworks of C N and C N as New Anode Materials for Lithium-Ion Batteries. <i>Advanced Materials</i> , 2017 , 29, 1702007	24	196
15	Porous Cobalt Phosphide Polyhedrons with Iron Doping as an Efficient Bifunctional Electrocatalyst. <i>Small</i> , 2017 , 13, 1701167	11	59
14	Macroporous Inverse Opal-like MoC with Incorporated Mo Vacancies for Significantly Enhanced Hydrogen Evolution. <i>ACS Nano</i> , 2017 , 11, 7527-7533	16.7	84
13	Two-dimensional polyaniline (C3N) from carbonized organic single crystals in solid state. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 7414-9	11.5	278
12	Facile route to prepare grain-oriented multiferroic Bi7Fe3□o Ti3O21 ceramics. <i>Journal of the European Ceramic Society</i> , 2015 , 35, 3437-3443	6	18
11	Tailoring of {116} faceted single crystalline anatase nanosheet arrays and their improved electrochemical performance. <i>CrystEngComm</i> , 2015 , 17, 4377-4382	3.3	2

10	Multifunctional Single-Phase Photocatalysts: Extended Near Infrared Photoactivity and Reliable Magnetic Recyclability. <i>Scientific Reports</i> , 2015 , 5, 15511	4.9	26
9	Pt/TiO ₂ Nanosheets Array Dominated by {001} Facets with Enhanced Photocatalytic Activity. <i>Chinese Journal of Chemical Physics</i> , 2014 , 27, 530-534	0.9	0
8	Visible light responsive Bi ₇ Fe ₃ Ti ₃ O ₂₁ nanosheet photocatalysts with ferroelectricity and ferromagnetism. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 13366	13	65
7	{116} faceted anatase single-crystalline nanosheet arrays: facile synthesis and enhanced electrochemical performances. <i>Nanoscale</i> , 2014 , 6, 12434-9	7.7	6
6	Ethanol assisted synthesis of anatase nanobelts with improved crystallinity and photocatalytic activity. <i>Applied Surface Science</i> , 2013 , 283, 175-180	6.7	3
5	Nanosheet array assembled by TiO ₂ nanocrystallites with {116} facets parallel to the nanosheet surface. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 225-228	13	29
4	Facile synthesis of Ag nanoparticles supported on TiO ₂ inverse opal with enhanced visible-light photocatalytic activity. <i>Thin Solid Films</i> , 2012 , 520, 3515-3522	2.2	45
3	Enhanced visible photocatalytic activity of hybrid Pt/Fe ₂ O ₃ nanorods. <i>RSC Advances</i> , 2012 , 2, 10057	3.7	35
2	Doped graphene sheets as anode materials with superhigh rate and large capacity for lithium ion batteries. <i>ACS Nano</i> , 2011 , 5, 5463-71	16.7	1700
1	Visible light photocatalyst: iodine-doped mesoporous titania with a bicrystalline framework. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 20823-8	3.4	220