Feng Li

List of Publications by Year
in descending order

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50 papers	6,787 citations	159358 30 h-index	189595 50 g-index
50 all docs	50 docs citations	50 times ranked	9806 citing authors

#	Article	IF	Citations
1	Doped Graphene Sheets As Anode Materials with Superhigh Rate and Large Capacity for Lithium Ion Batteries. ACS Nano, 2011, 5, 5463-5471.	7.3	1,904
2	An efficient and pH-universal ruthenium-based catalyst for the hydrogen evolution reaction. Nature Nanotechnology, 2017, 12, 441-446.	15.6	1,271
3	Boosting oxygen reduction catalysis with abundant copper single atom active sites. Energy and Environmental Science, 2018, 11, 2263-2269.	15.6	405
4	Two-dimensional polyaniline (C ₃ N) from carbonized organic single crystals in solid state. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7414-7419.	3.3	380
5	2D Frameworks of C₂N and C₃N as New Anode Materials for Lithiumâ€Ion Batteries. Advanced Materials, 2017, 29, 1702007.	11.1	282
6	Building and identifying highly active oxygenated groups in carbon materials for oxygen reduction to H2O2. Nature Communications, 2020, 11, 2209.	5.8	281
7	Visible Light Photocatalyst:Â Iodine-Doped Mesoporous Titania with a Bicrystalline Framework. Journal of Physical Chemistry B, 2006, 110, 20823-20828.	1.2	236
8	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.	11.1	173
9	Mechanochemistry for ammonia synthesis under mild conditions. Nature Nanotechnology, 2021, 16, 325-330.	15.6	141
10	Balancing hydrogen adsorption/desorption by orbital modulation for efficient hydrogen evolution catalysis. Nature Communications, 2019, 10, 4060.	5.8	131
11	Fe@C2N: A highly-efficient indirect-contact oxygen reduction catalyst. Nano Energy, 2018, 44, 304-310.	8.2	118
12	Carbonâ€Based Electrocatalysts for Efficient Hydrogen Peroxide Production. Advanced Materials, 2021, 33, e2103266.	11.1	104
13	Macroporous Inverse Opal-like Mo_xC with Incorporated Mo Vacancies for Significantly Enhanced Hydrogen Evolution. ACS Nano, 2017, 11, 7527-7533.	7.3	102
14	Abrading bulk metal into single atoms. Nature Nanotechnology, 2022, 17, 403-407.	15.6	102
15	Porous Cobalt Phosphide Polyhedrons with Iron Doping as an Efficient Bifunctional Electrocatalyst. Small, 2017, 13, 1701167.	5.2	82
16	Controlled Fabrication of Hierarchically Structured Nitrogenâ€Doped Carbon Nanotubes as a Highly Active Bifunctional Oxygen Electrocatalyst. Advanced Functional Materials, 2017, 27, 1605717.	7.8	80
17	Visible light responsive Bi₇Fe₃Ti₃O₂₁nanoshelf photocatalysts with ferroelectricity and ferromagnetism. Journal of Materials Chemistry A, 2014, 2, 13366.	5.2	79
18	Three Birds, Oneâ€Stone Strategy for Hybrid Microwave Synthesis of Ta and Sn Codoped Fe₂O₃@FeTaO₄ Nanorods for Photoâ€Electrochemical Water Oxidation. Advanced Functional Materials, 2019, 29, 1805737.	7.8	79

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19	Identifying the structure of Zn-N2 active sites and structural activation. Nature Communications, 2019, 10, 2623.	5.8	79
20	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.	5.2	72
21	Construction of Porous Mo₃P/Mo Nanobelts as Catalysts for Efficient Water Splitting. Angewandte Chemie - International Edition, 2018, 57, 14139-14143.	7.2	70
22	Revealing Isolated Mâˆ'N₃C₁ Active Sites for Efficient Collaborative Oxygen Reduction Catalysis. Angewandte Chemie - International Edition, 2020, 59, 23678-23683.	7.2	64
23	Construction of Porous Mo₃P/Mo Nanobelts as Catalysts for Efficient Water Splitting. Angewandte Chemie, 2018, 130, 14335-14339.	1.6	58
24	Facile synthesis of Ag nanoparticles supported on TiO2 inverse opal with enhanced visible-light photocatalytic activity. Thin Solid Films, 2012, 520, 3515-3522.	0.8	52
25	A Robust 3D Cageâ€like Ultramicroporous Network Structure with High Gasâ€Uptake Capacity. Angewandte Chemie - International Edition, 2018, 57, 3415-3420.	7.2	40
26	Enhanced visible photocatalytic activity of hybrid Pt/Î±-Fe2O3 nanorods. RSC Advances, 2012, 2, 10057.	1.7	37
27	3D Macroporous Mo_xC@Nâ€€ with Incorporated Mo Vacancies as Anodes for Highâ€Performance Lithiumâ€Ion Batteries. Small Methods, 2018, 2, 1800040.	4.6	36
28	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.	5.2	36
29	Robust fused aromatic pyrazine-based two-dimensional network for stably cocooning iron nanoparticles as an oxygen reduction electrocatalyst. Nano Energy, 2019, 56, 581-587.	8.2	35
30	Nanosheet array assembled by TiO₂nanocrystallites with {116} facets parallel to the nanosheet surface. Journal of Materials Chemistry A, 2013, 1, 225-228.	5.2	32
31	Multifunctional Single-Phase Photocatalysts: Extended Near Infrared Photoactivity and Reliable Magnetic Recyclability. Scientific Reports, 2015, 5, 15511.	1.6	28
32	Surface Electronic Modulation with Hetero-Single Atoms to Enhance Oxygen Evolution Catalysis. ACS Nano, 2021, 15, 11891-11897.	7.3	27
33	Lowâ€Temperature Conversion of Alcohols into Bulky Nanoporous Graphene and Pure Hydrogen with Robust Selectivity on CaO. Advanced Materials, 2019, 31, e1807267.	11.1	22
34	Facile route to prepare grain-oriented multiferroic Bi7Fe3âˆ'Co Ti3O21 ceramics. Journal of the European Ceramic Society, 2015, 35, 3437-3443.	2.8	19
35	Unveiling the critical role of active site interaction in single atom catalyst towards hydrogen evolution catalysis. Nano Energy, 2022, 93, 106819.	8.2	19
36	Tuning edge-oxygenated groups on graphitic carbon materials against corrosion. Nano Energy, 2019, 66, 104112.	8.2	13

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37	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.	2.6	12
38	Active Site Engineering in Transition Metal Based Electrocatalysts for Green Energy Applications. Accounts of Materials Research, 2021, 2, 147-158.	5.9	11
39	Synthesis and Catalytic Property of Ribonucleosideâ€Derived Carbon Dots. Small, 2022, 18, e2106269.	5.2	11
40	Highly Skin-Compliant Polymeric Electrodes with Synergistically Boosted Conductivity toward Wearable Health Monitoring. ACS Applied Materials & Interfaces, 2022, 14, 20113-20121.	4.0	10
41	Molecular-level proton acceptor boosts oxygen evolution catalysis to enable efficient industrial-scale water splitting. Green Energy and Environment, 2024, 9, 344-355.	4.7	10
42	Dissociating stable nitrogen molecules under mild conditions by cyclic strain engineering. Science Advances, 2019, 5, eaax8275.	4.7	9
43	{116} faceted anatase single-crystalline nanosheet arrays: facile synthesis and enhanced electrochemical performances. Nanoscale, 2014, 6, 12434-12439.	2.8	8
44	Nanocatalytic Materials for Energy-Related Small-Molecules Conversions: Active Site Design, Identification and Structureâ€“Performance Relationship Discovery. Accounts of Chemical Research, 2022, 55, 110-120.	7.6	7
45	Atomic tailoring of platinum catalysts. Nature Catalysis, 2019, 2, 477-478.	16.1	6
46	Extreme Enhancement of Carbon Hydrogasification via Mechanochemistry. Angewandte Chemie - International Edition, 2022, 61, .	7.2	5
47	Ethanol assisted synthesis of anatase nanobelts with improved crystallinity and photocatalytic activity. Applied Surface Science, 2013, 283, 175-180.	3.1	4
48	Tailoring of {116} faceted single crystalline anatase nanosheet arrays and their improved electrochemical performance. CrystEngComm, 2015, 17, 4377-4382.	1.3	3
49	Pt/TiO2 Nanosheets Array Dominated by {001} Facets with Enhanced Photocatalytic Activity. Chinese Journal of Chemical Physics, 2014, 27, 530-534.	0.6	1
50	Extreme Enhancement of Carbon Hydrogasification via Mechanochemistry. Angewandte Chemie, 2022, 134, .	1.6	1