

Yang Li

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

2,024
citations

279701

23
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243529

44
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48
docs citations

48
times ranked

2814
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconstruction of bimetal CoFe _{0.13} -MOF to enhance the catalytic performance in the oxygen evolution reaction. <i>Chemical Communications</i> , 2022, 58, 1115-1118.	2.2	9
2	Grain-boundary-rich layered double hydroxides <i>via</i> a boron-assisted strategy for the oxygen evolution reaction. <i>Chemical Communications</i> , 2022, 58, 5646-5649.	2.2	10
3	Boosting the Zn-ion energy storage capability of graphene sandwiched nanoporous VO _x derived from MXene. <i>Nanoscale</i> , 2022, 14, 8640-8648.	2.8	9
4	Nitrogen-doped 3D hollow carbon spheres for efficient selective oxidation of C-H bonds under mild conditions. <i>New Journal of Chemistry</i> , 2022, 46, 9727-9734.	1.4	2
5	Interface Engineering to Improve the Rate Performance and Stability of the Mn-Cathode Electrode for Aqueous Zinc-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 24386-24395.	4.0	11
6	Coupling LaNiO ₃ Nanorods with FeOOH Nanosheets for Oxygen Evolution Reaction. <i>Catalysts</i> , 2022, 12, 594.	1.6	7
7	Fe containing template derived atomic Fe-N-C to boost Fenton-like reaction and charge migration analysis on highly active Fe-N ₄ sites. <i>Journal of Materials Chemistry A</i> , 2021, 9, 14793-14805.	5.2	66
8	Photo-accelerated Co ³⁺ /Co ²⁺ transformation on cobalt and phosphorus co-doped g-C ₃ N ₄ for Fenton-like reaction. <i>Journal of Materials Chemistry A</i> , 2021, 9, 22399-22409.	5.2	37
9	Synergistic Effect of N-Doped sp ² Carbon and Porous Structure in Graphene Gels toward Selective Oxidation of C-H Bond. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 13087-13096.	4.0	22
10	Dual-Functionalized Covalent Triazine Framework Nanosheets as Hierarchical Nonviral Vectors for Intracellular Gene Delivery. <i>ACS Applied Nano Materials</i> , 2021, 4, 4948-4955.	2.4	14
11	Preferential Growth of the Cobalt (200) Facet in Co@N-C for Enhanced Performance in a Fenton-like Reaction. <i>ACS Catalysis</i> , 2021, 11, 5532-5543.	5.5	82
12	Transition Metal/Metal Oxide Interface (Ni-Mo-O/Ni ₄ Mo) Stabilized on N-Doped Carbon Paper for Enhanced Hydrogen Evolution Reaction in Alkaline Conditions. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 5145-5150.	1.8	19
13	Fine-Tuning Radical/Nonradical Pathways on Graphene by Porous Engineering and Doping Strategies. <i>ACS Catalysis</i> , 2021, 11, 4848-4861.	5.5	82
14	Bimetallic ZIF-Derived Co/N-Codoped Porous Carbon Supported Ruthenium Catalysts for Highly Efficient Hydrogen Evolution Reaction. <i>Nanomaterials</i> , 2021, 11, 1228.	1.9	7
15	Anodic polarization creates an electrocatalytically active Ni anode/electrolyte interface and mitigates the coarsening of Ni phase in SOFC. <i>Electrochimica Acta</i> , 2021, 391, 138912.	2.6	9
16	Nitrogen-carbon materials base on pyrolytic graphene hydrogel for oxygen reduction. <i>Journal of Colloid and Interface Science</i> , 2021, 602, 274-281.	5.0	7
17	Easily Regenerated CuO/Al ₂ O ₃ for Persulfate-Based Catalytic Oxidation: Insights into the Deactivation and Regeneration Mechanism. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 2630-2641.	4.0	36
18	MXene derivatives: synthesis and applications in energy conversion and storage. <i>RSC Advances</i> , 2021, 11, 16065-16082.	1.7	25

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19	A near-infrared light-mediated antimicrobial based on Ag/Ti ₃ C ₂ T _x for effective synergetic antibacterial applications. <i>Nanoscale</i> , 2020, 12, 19129-19141.	2.8	69
20	Topochemical synthesis of low-dimensional nanomaterials. <i>Nanoscale</i> , 2020, 12, 21971-21987.	2.8	7
21	Sulfur-Rich Molybdenum Sulfide Grown on Porous N-Doped Graphene for Efficient Hydrogen Evolution. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 12862-12869.	1.8	8
22	Preparation of ultrathin molybdenum disulfide dispersed on graphene via cobalt doping: A bifunctional catalyst for hydrogen and oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 9583-9591.	3.8	25
23	Facile Synthesis of High-Performance Nitrogen-Doped Hierarchically Porous Carbon for Catalytic Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 4236-4243.	3.2	52
24	Improving the performance of a titanium carbide MXene in supercapacitors by partial oxidation treatment. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1205-1211.	3.0	30
25	Surfactant-Free Synthesis of Ultrafine Pt Nanoparticles on MoS ₂ Nanosheets as Bifunctional Catalysts for the Hydrodeoxygenation of Bio-Oil. <i>Langmuir</i> , 2020, 36, 14710-14716.	1.6	7
26	Bifunctional Graphene-Based Metal-Free Catalysts for Oxidative Coupling of Amines. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 31844-31850.	4.0	35
27	Multiple roles of a heterointerface in two-dimensional van der Waals heterostructures: insights into energy-related applications. <i>Journal of Materials Chemistry A</i> , 2019, 7, 23577-23603.	5.2	43
28	N-Butyllithium-Treated Ti ₃ C ₂ T _x MXene with Excellent Pseudocapacitor Performance. <i>ACS Nano</i> , 2019, 13, 9449-9456.	7.3	132
29	Reversible intercalation and exfoliation of layered covalent triazine frameworks for enhanced lithium ion storage. <i>Chemical Communications</i> , 2019, 55, 1434-1437.	2.2	70
30	Bimetallic Iron-Cobalt Catalysts and Their Applications in Energy-Related Electrochemical Reactions. <i>Catalysts</i> , 2019, 9, 762.	1.6	16
31	Ultra-small Mo ₂ C nanodots encapsulated in nitrogen-doped porous carbon for pH-universal hydrogen evolution: insights into the synergistic enhancement of HER activity by nitrogen doping and structural defects. <i>Journal of Materials Chemistry A</i> , 2019, 7, 4734-4743.	5.2	90
32	Heterostructure engineering of Co-doped MoS ₂ coupled with Mo ₂ CT _x MXene for enhanced hydrogen evolution in alkaline media. <i>Nanoscale</i> , 2019, 11, 10992-11000.	2.8	127
33	N-doped hierarchical porous metal-free catalysts derived from covalent triazine frameworks for the efficient oxygen reduction reaction. <i>Catalysis Science and Technology</i> , 2019, 9, 6606-6612.	2.1	23
34	Multilevel N-doped carbon nanotube/graphene supported cobalt phosphide nanoparticles for electrocatalytic hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 30053-30061.	3.8	19
35	Hierarchical Amorphous Carbon-Coated Co/Co ₉ S ₈ Nanoparticles on MoS ₂ toward Synergetic Electrocatalytic Water Splitting. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 23093-23098.	1.8	12
36	Controllable Synthesis of Ruthenium Phosphides (RuP and RuP ₂) for pH-Universal Hydrogen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 6388-6394.	3.2	83

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37	CoP Nanoparticles Combined with WSe ₂ Nanosheets: An Efficient Hybrid Catalyst for Electrocatalytic Hydrogen Evolution Reaction. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 483-489.	1.8	24
38	High Yield Exfoliation of WS ₂ Crystals into 1â€²2 Layer Semiconducting Nanosheets and Efficient Photocatalytic Hydrogen Evolution from WS ₂ /CdS Nanorod Composites. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 2810-2818.	4.0	112
39	Polyaniline Derived Nâ€Doped Carbonâ€Coated Cobalt Phosphide Nanoparticles Deposited on Nâ€Doped Graphene as an Efficient Electrocatalyst for Hydrogen Evolution Reaction. <i>Small</i> , 2018, 14, 1702895.	5.2	122
40	3D self-supported Ni(PO ₃) ₂ â€MoO ₃ nanorods anchored on nickel foam for highly efficient overall water splitting. <i>Nanoscale</i> , 2018, 10, 22173-22179.	2.8	50
41	Magnetic Au-Ag-Î³-Fe ₂ O ₃ /rGO Nanocomposites as an Efficient Catalyst for the Reduction of 4-Nitrophenol. <i>Nanomaterials</i> , 2018, 8, 877.	1.9	11
42	Preparation of Cuprous Oxide Mesoporous Spheres with Different Pore Sizes for Non-Enzymatic Glucose Detection. <i>Nanomaterials</i> , 2018, 8, 73.	1.9	17
43	Synthesis of Palladium, ZnFe ₂ O ₄ Functionalized Reduced Graphene Oxide Nanocomposites as H ₂ O ₂ Detector. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 4327-4333.	1.8	23
44	1T-Phase MoS ₂ Nanosheets on TiO ₂ Nanorod Arrays: 3D Photoanode with Extraordinary Catalytic Performance. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 5175-5182.	3.2	98
45	Utilization of MoS ₂ and graphene to enhance the photocatalytic activity of Cu ₂ O for oxidative C C bond formation. <i>Applied Catalysis B: Environmental</i> , 2017, 213, 1-8.	10.8	52
46	Roles of Two-Dimensional Transition Metal Dichalcogenides as Cocatalysts in Photocatalytic Hydrogen Evolution and Environmental Remediation. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 4611-4626.	1.8	103
47	Few-Layered Trigonal WS ₂ Nanosheet-Coated Graphite Foam as an Efficient Free-Standing Electrode for a Hydrogen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 30591-30598.	4.0	56
48	A VS ₂ @N-doped carbon hybrid with strong interfacial interaction for high-performance rechargeable aqueous Zn-ion batteries. <i>Journal of Materials Chemistry C</i> , , , .	2.7	54