

Lin Tian

List of Publications by Year in descending order

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28
papers

1,470
citations

361413

20
h-index

501196

28
g-index

28
all docs

28
docs citations

28
times ranked

1065
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon quantum dots for advanced electrocatalysis. <i>Journal of Energy Chemistry</i> , 2021, 55, 279-294.	12.9	175
2	Advances in noble metal (Ru, Rh, and Ir) doping for boosting water splitting electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2021, 9, 13459-13470.	10.3	172
3	MOF-derived hollow heterostructures for advanced electrocatalysis. <i>Coordination Chemistry Reviews</i> , 2021, 439, 213946.	18.8	142
4	Advances in manganese-based oxides for oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2020, 8, 14400-14414.	10.3	134
5	Carbon-quantum-dots-embedded MnO ₂ nanoflower as an efficient electrocatalyst for oxygen evolution in alkaline media. <i>Carbon</i> , 2019, 143, 457-466.	10.3	105
6	Ternary FeCoNi alloy nanoparticles embedded in N-doped carbon nanotubes for efficient oxygen evolution reaction electrocatalysis. <i>Electrochimica Acta</i> , 2020, 339, 135886.	5.2	98
7	Synergistic coupling of FeNi ₃ alloy with graphene carbon dots for advanced oxygen evolution reaction electrocatalysis. <i>Journal of Colloid and Interface Science</i> , 2022, 615, 273-281.	9.4	77
8	Morphology and phase transformation of γ -MnO ₂ /MnOOH modulated by N-CDs for efficient electrocatalytic oxygen evolution reaction in alkaline medium. <i>Electrochimica Acta</i> , 2020, 337, 135823.	5.2	59
9	Facile preparation of CoSe ₂ nano-vesicle derived from ZIF-67 and their application for efficient water oxidation. <i>Applied Surface Science</i> , 2020, 504, 144368.	6.1	56
10	Self-supported nickel-cobalt nanowires as highly efficient and stable electrocatalysts for overall water splitting. <i>Nanoscale</i> , 2018, 10, 18767-18773.	5.6	48
11	Recent progress in water-splitting electrocatalysis mediated by 2D noble metal materials. <i>Nanoscale</i> , 2021, 13, 12088-12101.	5.6	47
12	Structure engineering of amorphous Pd-CoS hollow electrocatalysts for promoted oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 15189-15197.	7.1	47
13	Phosphorus-doped cobalt-iron oxyhydroxide with untrafine nanosheet structure enable efficient oxygen evolution electrocatalysis. <i>Journal of Colloid and Interface Science</i> , 2018, 530, 146-153.	9.4	42
14	Carbon Quantum Dots Modulated NiMoP Hollow Nanopetals as Efficient Electrocatalysts for Hydrogen Evolution. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 14098-14105.	3.7	42
15	Boosting oxygen evolution of layered double hydroxide through electronic coupling with ultralow noble metal doping. <i>Dalton Transactions</i> , 2022, 51, 1527-1532.	3.3	40
16	Bundle-shaped cobalt-nickel selenides as advanced electrocatalysts for water oxidation. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 2868-2876.	7.1	27
17	Synergistic improvement in electron transport and active sites exposure over RGO supported NiP/Fe ₄ P for oxygen evolution reaction. <i>Ionics</i> , 2022, 28, 1359-1366.	2.4	24
18	Carbon quantum dot-based sensors for food safety. <i>Sensors and Actuators A: Physical</i> , 2021, 331, 113003.	4.1	23

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19	Ultrafine trimetallic oxyphosphide nanoparticles for efficient electrochemical overall water splitting. <i>Journal of Alloys and Compounds</i> , 2020, 820, 153161.	5.5	22
20	Construction of hierarchical bundle-like CoNi layered double hydroxides for the efficient oxygen evolution reaction. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 96, 273-280.	5.3	21
21	Ultrathin wrinkled NiFeP nanosheets enable efficient oxygen evolution electrocatalysis. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 97, 200-206.	5.3	17
22	Fabricating dendritic N-C/MnOx to enable a highly efficient oxygen evolution reaction electrocatalysis. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 126, 383-391.	5.3	15
23	3D-1D Heterostructure of CoZn Oxyphosphide Nanosheets Anchored on Carbon Nanotubes as Electrocatalysts for the Oxygen Evolution Reaction. <i>ChemElectroChem</i> , 2018, 5, 2558-2563.	3.4	10
24	Two-photon Absorption in a Defect-engineered Carbon Nitride Polymer Drives Red-light Photocatalysis. <i>ChemCatChem</i> , 2020, 12, 4185-4197.	3.7	10
25	Facile fabrication of hydrangea-like NiSe/FeSe ₂ nanostructures towards efficient water oxidation. <i>Journal of Saudi Chemical Society</i> , 2022, 26, 101469.	5.2	6
26	Recent advances in fuel cell reaction electrocatalysis based on porous noble metal nanocatalysts. <i>Dalton Transactions</i> , 2022, 51, 7763-7774.	3.3	5
27	Preparation and microwave dielectric properties of new Co ₂ NdNbO ₆ ceramic materials. <i>Ferroelectrics</i> , 2021, 571, 139-145.	0.6	4
28	Design, synthesis, antitumor evaluation, 3D-QSAR and molecular docking studies of novel 4-aminoacridone compounds. <i>Medicinal Chemistry Research</i> , 2017, 26, 2538-2546.	2.4	2