

Yichun Yin

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

817
citations

759233

12
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

1344
citing authors

#	ARTICLE	IF	CITATIONS
1	Promoting Oxygen Evolution Reactions through Introduction of Oxygen Vacancies to Benchmark NiFe ²⁺ /OOH Catalysts. ACS Energy Letters, 2018, 3, 1515-1520.	17.4	249
2	Two-dimensional g-C ₃ N ₄ /TiO ₂ nanocomposites as vertical Z-scheme heterojunction for improved photocatalytic water disinfection. Catalysis Today, 2019, 335, 243-251.	4.4	93
3	Chlorine-anion doping induced multi-factor optimization in perovskites for boosting intrinsic oxygen evolution. Journal of Energy Chemistry, 2021, 52, 115-120.	12.9	69
4	Super ²⁺ -Exchange Interaction Induced Overall Optimization in Ferromagnetic Perovskite Oxides Enables Ultrafast Water Oxidation. Small, 2019, 15, e1903120.	10.0	67
5	Self ²⁺ -Assembled Ruddlesden ²⁺ -Popper/Perovskite Hybrid with Lattice ²⁺ -Oxygen Activation as a Superior Oxygen Evolution Electrocatalyst. Small, 2020, 16, e2001204.	10.0	61
6	Boosting oxygen evolution reaction by activation of lattice ²⁺ -oxygen sites in layered Ruddlesden ²⁺ -Popper oxide. EcoMat, 2020, 2, e12021.	11.9	58
7	Transition-metal-doped Fe ₂ O ₃ nanoparticles for oxygen evolution reaction. Progress in Natural Science: Materials International, 2018, 28, 430-436.	4.4	48
8	An <i>in situ</i> assembled WO ₃ •TiO ₂ vertical heterojunction for enhanced Z-scheme photocatalytic activity. Nanoscale, 2020, 12, 8775-8784.	5.6	47
9	Boosting the oxygen evolution catalytic performance of perovskites <i>via</i> optimizing calcination temperature. Journal of Materials Chemistry A, 2020, 8, 6480-6486.	10.3	32
10	Vertically-heterostructured TiO ₂ -Ag-rGO ternary nanocomposite constructed with {001} faceted TiO ₂ nanosheets for enhanced Pt-free hydrogen production. International Journal of Hydrogen Energy, 2018, 43, 1508-1515.	7.1	25
11	Metal link: A strategy to combine graphene and titanium dioxide for enhanced hydrogen production. International Journal of Hydrogen Energy, 2016, 41, 22034-22042.	7.1	17
12	Accelerated alkaline activation of peroxydisulfate by reduced rubidium tungstate nanorods for enhanced degradation of bisphenol A. Environmental Science: Nano, 2020, 7, 3547-3556.	4.3	13
13	Improved catalytic combustion of methane using CuO nanobelts with predominantly (001) surfaces. Beilstein Journal of Nanotechnology, 2018, 9, 2526-2532.	2.8	12
14	Hybrid Amorphous/Crystalline FeNi (Oxy) Hydroxide Nanosheets for Enhanced Oxygen Evolution. ChemCatChem, 2019, 11, 3004-3009.	3.7	12
15	Experimental and Computational Investigation of the Optical, Electronic, and Electrochemical Properties of Hydrogenated $\hat{\pm}$ -Fe ₂ O ₃ . Journal of Physical Chemistry C, 2017, 121, 16059-16065.	3.1	11