

Yichun Yin

List of Publications by Year in descending order

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15
papers

817
citations

759233

12
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940533

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16
times ranked

1344
citing authors

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