

Ya-Rong Zheng

List of Publications by Year in descending order

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48
papers

7,945
citations

126907

33
h-index

214800

47
g-index

53
all docs

53
docs citations

53
times ranked

10040
citing authors

#	ARTICLE	IF	CITATIONS
1	Monitoring oxygen production on mass-selected iridium-tantalum oxide electrocatalysts. Nature Energy, 2022, 7, 55-64.	39.5	108
2	An Efficient Turing-Type Ag ₂ Se/CoSe ₂ Multi-Interfacial Oxygen-Evolving Electrocatalyst**. Angewandte Chemie - International Edition, 2021, 60, 6553-6560.	13.8	45
3	An Efficient Turing-Type Ag ₂ Se/CoSe ₂ Multi-Interfacial Oxygen-Evolving Electrocatalyst**. Angewandte Chemie, 2021, 133, 6627-6634.	2.0	7
4	RÅ¼cktitelbild: An Efficient Turing-Type Ag ₂ Se/CoSe ₂ Multi-Interfacial Oxygen-Evolving Electrocatalyst (Angew. Chem. 12/2021). Angewandte Chemie, 2021, 133, 6904-6904.	2.0	0
5	Strongly Coupled Cobalt Diselenide Monolayers for Selective Electrocatalytic Oxygen Reduction to H ₂ O under Acidic Conditions. Angewandte Chemie - International Edition, 2021, 60, 26922-26931.	13.8	61
6	Frontispiece: Strongly Coupled Cobalt Diselenide Monolayers for Selective Electrocatalytic Oxygen Reduction to H ₂ O under Acidic Conditions. Angewandte Chemie - International Edition, 2021, 60, .	13.8	2
7	Frontispiz: Strongly Coupled Cobalt Diselenide Monolayers for Selective Electrocatalytic Oxygen Reduction to H ₂ O under Acidic Conditions. Angewandte Chemie, 2021, 133, .	2.0	0
8	High-Curvature Transition-Metal Chalcogenide Nanostructures with a Pronounced Proximity Effect Enable Fast and Selective CO ₂ Electroreduction. Angewandte Chemie - International Edition, 2020, 59, 8706-8712.	13.8	145
9	High-Curvature Transition-Metal Chalcogenide Nanostructures with a Pronounced Proximity Effect Enable Fast and Selective CO ₂ Electroreduction. Angewandte Chemie, 2020, 132, 8784-8790.	2.0	37
10	Acid-Stable Oxides for Oxygen Electrocatalysis. ACS Energy Letters, 2020, 5, 2905-2908.	17.4	90
11	Protecting Copper Oxidation State via Intermediate Confinement for Selective CO ₂ Electroreduction to C ₂₊ Fuels. Journal of the American Chemical Society, 2020, 142, 6400-6408.	13.7	396
12	Bio-Inspired Synthesis of Hematite Mesocrystals by Using Xonotlite Nanowires as Growth Modifiers and Their Improved Oxygen Evolution Activity. ChemSusChem, 2019, 12, 3747-3752.	6.8	6
13	Identification of active sites for acidic oxygen reduction on carbon catalysts with and without nitrogen doping. Nature Catalysis, 2019, 2, 688-695.	34.4	423
14	Superaerophobic-Nickel Phosphide Nanoarray Catalyst for Efficient Hydrogen Evolution at Ultrahigh Current Densities. Journal of the American Chemical Society, 2019, 141, 7537-7543.	13.7	401
15	Polymorphic cobalt diselenide as extremely stable electrocatalyst in acidic media via a phase-mixing strategy. Nature Communications, 2019, 10, 5338.	12.8	65
16	Synthesis of PdS _x -Mediated Polydymite Heteronanorods and Their Long-Range Activation for Enhanced Water Electroreduction. Research, 2019, 2019, 8078549.	5.7	9
17	Synthesis of Sub-2-nm Iron-Doped NiSe ₂ Nanowires and Their Surface-Confined Oxidation for Oxygen Evolution Catalysis. Angewandte Chemie, 2018, 130, 4084-4088.	2.0	33
18	Synthesis of Sub-2-nm Iron-Doped NiSe ₂ Nanowires and Their Surface-Confined Oxidation for Oxygen Evolution Catalysis. Angewandte Chemie - International Edition, 2018, 57, 4020-4024.	13.8	133

#	ARTICLE	IF	CITATIONS
19	InnenrÃ¼cktitelbild: A Janus Nickel Cobalt Phosphide Catalyst for High Efficiency Neutral pH Water Splitting (Angew. Chem. 47/2018). Angewandte Chemie, 2018, 130, 15833-15833.	2.0	1
20	A Janus Nickel Cobalt Phosphide Catalyst for High Efficiency Neutral pH Water Splitting. Angewandte Chemie - International Edition, 2018, 57, 15445-15449.	13.8	299
21	A Janus Nickel Cobalt Phosphide Catalyst for High Efficiency Neutral pH Water Splitting. Angewandte Chemie, 2018, 130, 15671-15675.	2.0	87
22	Copper nanocavities confine intermediates for efficient electrosynthesis of C3 alcohol fuels from carbon monoxide. Nature Catalysis, 2018, 1, 946-951.	34.4	354
23	Doping-induced structural phase transition in cobalt diselenide enables enhanced hydrogen evolution catalysis. Nature Communications, 2018, 9, 2533.	12.8	356
24	Highly crystalline PtCu nanotubes with three dimensional molecular accessible and restructured surface for efficient catalysis. Energy and Environmental Science, 2017, 10, 1751-1756.	30.8	195
25	Phase Selective Syntheses of Cobalt Telluride Nanofleeces for Efficient Oxygen Evolution Catalysts. Angewandte Chemie - International Edition, 2017, 56, 7769-7773.	13.8	157
26	Phase Selective Syntheses of Cobalt Telluride Nanofleeces for Efficient Oxygen Evolution Catalysts. Angewandte Chemie, 2017, 129, 7877-7881.	2.0	24
27	Pyrite-Type Nanomaterials for Advanced Electrocatalysis. Accounts of Chemical Research, 2017, 50, 2194-2204.	15.6	130
28	A one-dimensional porous carbon-supported Ni/Mo ₂ C dual catalyst for efficient water splitting. Chemical Science, 2017, 8, 968-973.	7.4	372
29	Mo ₂ C nanoparticles embedded within bacterial cellulose-derived 3D N-doped carbon nanofiber networks for efficient hydrogen evolution. NPG Asia Materials, 2016, 8, e288-e288.	7.9	153
30	Surface Charge Polarization at the Interface: Enhancing the Oxygen Reduction via Precise Synthesis of Heterogeneous Ultrathin Pt/PtTe Nanowire. Chemistry of Materials, 2016, 28, 8890-8898.	6.7	24
31	Super-elastic and fatigue resistant carbon material with lamellar multi-arch microstructure. Nature Communications, 2016, 7, 12920.	12.8	344
32	Cobalt diselenide nanobelts grafted on carbon fiber felt: an efficient and robust 3D cathode for hydrogen production. Chemical Science, 2015, 6, 4594-4598.	7.4	114
33	Scalable Template Synthesis of Resorcinol Formaldehyde/Graphene Oxide Composite Aerogels with Tunable Densities and Mechanical Properties. Angewandte Chemie - International Edition, 2015, 54, 2397-2401.	13.8	168
34	An efficient molybdenum disulfide/cobalt diselenide hybrid catalyst for electrochemical hydrogen generation. Nature Communications, 2015, 6, 5982.	12.8	897
35	Water Oxidation: An Efficient CeO ₂ /CoSe ₂ Nanobelt Composite for Electrochemical Water Oxidation (Small 2/2015). Small, 2015, 11, 260-260.	10.0	4
36	Scalable Template Synthesis of Resorcinol Formaldehyde/Graphene Oxide Composite Aerogels with Tunable Densities and Mechanical Properties. Angewandte Chemie, 2015, 127, 2427-2431.	2.0	27

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37	Carbon-supported PtCo ₂ Ni ₂ alloy with enhanced activity and stability for oxygen reduction. Science China Materials, 2015, 58, 179-185.	6.3	17
38	An Efficient CeO ₂ /CoSe ₂ Nanobelt Composite for Electrochemical Water Oxidation. Small, 2015, 11, 182-188.	10.0	325
39	Nitrogen-Doped Graphene Supported CoSe ₂ Nanobelt Composite Catalyst for Efficient Water Oxidation. ACS Nano, 2014, 8, 3970-3978.	14.6	516
40	Self-Assembled Platinum Nanochain Networks Driven by Induced Magnetic Dipoles. Advanced Functional Materials, 2014, 24, 916-924.	14.9	35
41	Ferromagnetism: Self-Assembled Platinum Nanochain Networks Driven by Induced Magnetic Dipoles (Adv. Funct. Mater. 7/2014). Advanced Functional Materials, 2014, 24, 878-878.	14.9	1
42	Nickel/Nickel(II) Oxide Nanoparticles Anchored onto Cobalt(IV) Diselenide Nanobelts for the Electrochemical Production of Hydrogen. Angewandte Chemie - International Edition, 2013, 52, 8546-8550.	13.8	381
43	Mixed-solution synthesis of sea urchin-like NiSe nanofiber assemblies as economical Pt-free catalysts for electrochemical H ₂ production. Journal of Materials Chemistry, 2012, 22, 13662.	6.7	185
44	Water Oxidation Electrocatalyzed by an Efficient Mn ₃ O ₄ /CoSe ₂ Nanocomposite. Journal of the American Chemical Society, 2012, 134, 2930-2933.	13.7	644
45	Completely Green Synthesis of Colloid Adams TM Catalyst PtO_2 Nanocrystals and Derivative Pt Nanocrystals with High Activity and Stability for Oxygen Reduction. Chemistry - A European Journal, 2012, 18, 8423-8429.	3.3	38
46	Inside Cover: Completely Green Synthesis of Colloid Adams TM Catalyst PtO_2 Nanocrystals and Derivative Pt Nanocrystals with High Activity and Stability for Oxygen Reduction (Chem. Eur. J.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5		
47	One-pot synthesis of hierarchical magnetite nanochain assemblies with complex building units and their application for water treatment. Journal of Materials Chemistry, 2011, 21, 16888.	6.7	55
48	Strongly Coupled Cobalt Diselenide Monolayers Selectively Catalyze Oxygen Reduction to H ₂ O ₂ in an Acidic Environment. Angewandte Chemie, 0, , .	2.0	3