

Yun Tong

List of Publications by Year in descending order

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39
papers

7,066
citations

201674

27
h-index

302126

39
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40
all docs

40
docs citations

40
times ranked

8234
citing authors

#	ARTICLE	IF	CITATIONS
1	Metallic Nickel Nitride Nanosheets Realizing Enhanced Electrochemical Water Oxidation. <i>Journal of the American Chemical Society</i> , 2015, 137, 4119-4125.	13.7	1,004
2	Atomically Dispersed Iron–Nitrogen Species as Electrocatalysts for Bifunctional Oxygen Evolution and Reduction Reactions. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 610-614.	13.8	950
3	Metallic Co ₄ N Porous Nanowire Arrays Activated by Surface Oxidation as Electrocatalysts for the Oxygen Evolution Reaction. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14710-14714.	13.8	684
4	3D Nitrogen–Anion–Decorated Nickel Sulfides for Highly Efficient Overall Water Splitting. <i>Advanced Materials</i> , 2017, 29, 1701584.	21.0	478
5	A Bifunctional Hybrid Electrocatalyst for Oxygen Reduction and Evolution: Cobalt Oxide Nanoparticles Strongly Coupled to B,N–Decorated Graphene. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7121-7125.	13.8	395
6	Strongly Coupled Cobalt Borate Nanosheets/Graphene Hybrid as Electrocatalyst for Water Oxidation Under Both Alkaline and Neutral Conditions. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2488-2492.	13.8	391
7	Oxygen Vacancies Confined in Nickel Molybdenum Oxide Porous Nanosheets for Promoted Electrocatalytic Urea Oxidation. <i>ACS Catalysis</i> , 2018, 8, 1-7.	11.2	372
8	Phase–Transformation Engineering in Cobalt Diselenide Realizing Enhanced Catalytic Activity for Hydrogen Evolution in an Alkaline Medium. <i>Advanced Materials</i> , 2016, 28, 7527-7532.	21.0	307
9	Cobalt nitrides as a class of metallic electrocatalysts for the oxygen evolution reaction. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 236-242.	6.0	243
10	Interfacial engineering of cobalt sulfide/graphene hybrids for highly efficient ammonia electrosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6635-6640.	7.1	242
11	Engineering the Electronic State of a Perovskite Electrocatalyst for Synergistically Enhanced Oxygen Evolution Reaction. <i>Advanced Materials</i> , 2015, 27, 5989-5994.	21.0	236
12	Surface/Interfacial Engineering of Inorganic Low-Dimensional Electrode Materials for Electrocatalysis. <i>Accounts of Chemical Research</i> , 2018, 51, 2857-2866.	15.6	190
13	Dynamic Migration of Surface Fluorine Anions on Cobalt–Based Materials to Achieve Enhanced Oxygen Evolution Catalysis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15471-15475.	13.8	178
14	Enhanced Catalytic Activity in Nitrogen-Anion Modified Metallic Cobalt Disulfide Porous Nanowire Arrays for Hydrogen Evolution. <i>ACS Catalysis</i> , 2017, 7, 7405-7411.	11.2	152
15	Atomically Dispersed Iron–Nitrogen Species as Electrocatalysts for Bifunctional Oxygen Evolution and Reduction Reactions. <i>Angewandte Chemie</i> , 2017, 129, 625-629.	2.0	140
16	Vibronic Superexchange in Double Perovskite Electrocatalyst for Efficient Electrocatalytic Oxygen Evolution. <i>Journal of the American Chemical Society</i> , 2018, 140, 11165-11169.	13.7	138
17	Oxygen vacancies confined in Co ₃ O ₄ quantum dots for promoting oxygen evolution electrocatalysis. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2055-2060.	6.0	78
18	Universal Strategy of Bimetal Heterostructures as Superior Bifunctional Catalysts for Electrochemical Water Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 4206-4212.	6.7	61

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19	A Bifunctional Hybrid Electrocatalyst for Oxygen Reduction and Evolution: Cobalt Oxide Nanoparticles Strongly Coupled to B,N-Decorated Graphene. <i>Angewandte Chemie</i> , 2017, 129, 7227-7231.	2.0	59
20	Strongly Coupled Cobalt Borate Nanosheets/Graphene Hybrid as Electrocatalyst for Water Oxidation Under Both Alkaline and Neutral Conditions. <i>Angewandte Chemie</i> , 2016, 128, 2534-2538.	2.0	52
21	Nitrogen-Incorporated Cobalt Sulfide/Graphene Hybrid Catalysts for Overall Water Splitting. <i>ChemSusChem</i> , 2020, 13, 5112-5118.	6.8	48
22	Dual Vacancies Confined in Nickel Phosphosulfide Nanosheets Enabling Robust Overall Water Splitting. <i>ChemSusChem</i> , 2021, 14, 2576-2584.	6.8	36
23	Phenylboronic acid-functionalized vertically ordered mesoporous silica films for selective electrochemical determination of fluoride ion in tap water. <i>Mikrochimica Acta</i> , 2020, 187, 470.	5.0	35
24	Tailoring Electronic Structure of Atomically Dispersed Metal ₃ S ₁ Active Sites for Highly Efficient Oxygen Reduction Catalysis. , 2019, 1, 139-146.		34
25	Confinement of fluorine anions in nickel-based catalysts for greatly enhancing oxygen evolution activity. <i>Chemical Communications</i> , 2020, 56, 4196-4199.	4.1	34
26	Fluorine-anion engineering endows superior bifunctional activity of nickel sulfide/phosphide heterostructure for overall water splitting. <i>Journal of Colloid and Interface Science</i> , 2022, 625, 576-584.	9.4	34
27	Dual anions engineering on nickel cobalt-based catalyst for optimal hydrogen evolution electrocatalysis. <i>Journal of Colloid and Interface Science</i> , 2021, 589, 127-134.	9.4	30
28	Electronic regulation of platinum species on metal nitrides realizes superior mass activity for hydrogen production. <i>Journal of Colloid and Interface Science</i> , 2022, 622, 410-418.	9.4	29
29	Hierarchical Metal Sulfides Heterostructure as Superior Bifunctional Electrode for Overall Water Splitting. <i>ChemSusChem</i> , 2022, 15, .	6.8	27
30	Dual-anions engineering of bimetallic oxides as highly active electrocatalyst for boosted overall water splitting. <i>Journal of Colloid and Interface Science</i> , 2022, 623, 467-475.	9.4	26
31	Highly sensitive detection of rutin in pharmaceuticals and human serum using ITO electrodes modified with vertically-ordered mesoporous silica-graphene nanocomposite films. <i>Journal of Materials Chemistry B</i> , 2020, 8, 10630-10636.	5.8	25
32	Optimized hierarchical nickel sulfide as a highly active bifunctional catalyst for overall water splitting. <i>Dalton Transactions</i> , 2021, 50, 7776-7782.	3.3	23
33	Boosting hydrogen production via urea electrolysis on an amorphous nickel phosphide/graphene hybrid structure. <i>Journal of Materials Science</i> , 2021, 56, 17709-17720.	3.7	21
34	Trace Iridium Engineering on Nickel Hydroxide Nanosheets as Highly Active Catalyst for Overall Water Splitting. <i>ChemCatChem</i> , 2020, 12, 5720-5726.	3.7	19
35	Dual Modification Strategy of Nickel Sulfide as pH-Universal Catalysts for Hydrogen Production at Large Current Density. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 10601-10610.	6.7	18
36	Cobalt phosphide nanowires with adjustable iridium, realizing excellent bifunctional activity for acidic water splitting. <i>Dalton Transactions</i> , 2021, 50, 7364-7371.	3.3	12

#	ARTICLE	IF	CITATIONS
37	Dynamic Migration of Surface Fluorine Anions on Cobalt-Based Materials to Achieve Enhanced Oxygen Evolution Catalysis. <i>Angewandte Chemie</i> , 2018, 130, 15697-15701.	2.0	11
38	Highly efficient electrochemical reduction of carbon dioxide to formate on Sn modified Bi ₂ O ₃ heterostructure. <i>Dalton Transactions</i> , 2021, 50, 14120-14124.	3.3	6
39	Bioinspired redox-driven NAD ⁺ pump membranes with composition of annulated and cylindrical channel. <i>Electrochimica Acta</i> , 2021, 367, 137504.	5.2	3