

Tingting Wang

List of Publications by Year in descending order

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17
papers

1,894
citations

567281

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839539

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docs citations

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times ranked

2817
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#	ARTICLE	IF	CITATIONS
1	2D Dualâ€Metal Zeoliticâ€imidazolateâ€Frameworkâ€(ZIF)â€Derived Bifunctional Air Electrodes with Ultrahigh Electrochemical Properties for Rechargeable Zincâ€Air Batteries. <i>Advanced Functional Materials</i> , 2018, 28, 1705048.	14.9	361
2	Preparation and Electrochemical Characterization of Hollow Hexagonal NiCo ₂ S ₄ Nanoplates as Pseudocapacitor Materials. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 809-815.	6.7	350
3	Direct Growth of NiCo ₂ S ₄ Nanotube Arrays on Nickel Foam as Highâ€Performance Binderâ€Free Electrodes for Supercapacitors. <i>ChemPlusChem</i> , 2014, 79, 577-583.	2.8	230
4	Rational Design of Holey 2D Nonlayered Transition Metal Carbide/Nitride Heterostructure Nanosheets for Highly Efficient Water Oxidation. <i>Advanced Energy Materials</i> , 2019, 9, 1803768.	19.5	204
5	Nanoframes of Co ₃ O ₄ â€Mo ₂ N Heterointerfaces Enable Highâ€Performance Bifunctionality toward Both Electrocatalytic HER and OER. <i>Advanced Functional Materials</i> , 2022, 32, 2107382.	14.9	153
6	Continuous and Scalable Manufacture of Hybridized Nano-Micro Triboelectric Yarns for Energy Harvesting and Signal Sensing. <i>ACS Nano</i> , 2020, 14, 4716-4726.	14.6	130
7	Single-Atom Catalysts: Advances and Challenges in Metal-Support Interactions for Enhanced Electrocatalysis. <i>Electrochemical Energy Reviews</i> , 2022, 5, 145-186.	25.5	86
8	Ultrafine Molybdenum Carbide Nanocrystals Confined in Carbon Foams via a Colloidâ€Confinement Route for Efficient Hydrogen Production. <i>Small Methods</i> , 2018, 2, 1700396.	8.6	83
9	Xenes as an Emerging 2D Monoelemental Family: Fundamental Electrochemistry and Energy Applications. <i>Advanced Functional Materials</i> , 2020, 30, 2002885.	14.9	66
10	Twinned Tungsten Carbonitride Nanocrystals Boost Hydrogen Evolution Activity and Stability. <i>Small</i> , 2019, 15, e1900248.	10.0	57
11	3D derived N-doped carbon matrix from 2D ZIF-L as an enhanced stable catalyst for chemical fixation. <i>Microporous and Mesoporous Materials</i> , 2019, 285, 80-88.	4.4	45
12	Electrospun One-Dimensional Electrocatalysts for Oxygen Reduction Reaction: Insights into Structureâ€Activity Relationship. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 37961-37978.	8.0	43
13	Realizing the extraction of carbon from WC for <i>in situ</i> formation of W/WC heterostructures with efficient photoelectrochemical hydrogen evolution. <i>Nanoscale Horizons</i> , 2019, 4, 196-201.	8.0	30
14	Vertically mounting molybdenum disulfide nanosheets on dimolybdenum carbide nanomeshes enables efficient hydrogen evolution. <i>Nano Research</i> , 2022, 15, 3946-3951.	10.4	22
15	Fundamentals, On-Going Advances and Challenges of Electrochemical Carbon Dioxide Reduction. <i>Electrochemical Energy Reviews</i> , 2022, 5, 82-111.	25.5	17
16	Boosting Faradic efficiency of dinitrogen reduction on the negatively charged Mo sites modulated via interstitial Fe doping into a Mo ₂ C nanowall catalyst. <i>Chemical Engineering Journal</i> , 2021, 417, 127924.	12.7	8
17	Constructing a stable cobalt-nitrogen-carbon air cathode from coordinatively unsaturated zeolitic-imidazole frameworks for rechargeable zinc-air batteries. <i>Nano Research</i> , 2022, 15, 5895-5901.	10.4	7