

Wei Huang

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

4,139
citations

361413

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477307

29
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docs citations

31
times ranked

6340
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic structure modulation with ultrafine Fe ₃ O ₄ nanoparticles on 2D Ni-based metal-organic framework layers for enhanced oxygen evolution reaction. <i>Journal of Energy Chemistry</i> , 2022, 65, 78-88.	12.9	41
2	Boosting the electrocatalytic hydrogen evolution and sodium-storage properties of Co ₉ S ₈ nanoparticles via encapsulation with nitrogen-doped few-layer graphene networks. <i>Sustainable Energy and Fuels</i> , 2021, 5, 4618-4627.	4.9	9
3	Bifunctional and Self-Supported NiFeP-Layer-Coated NiP Rods for Electrochemical Water Splitting in Alkaline Solution. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 23702-23713.	8.0	69
4	Phosphorous-doped bimetallic sulfides embedded in heteroatom-doped carbon nanoarrays for flexible all-solid-state supercapacitors. <i>Science China Materials</i> , 2021, 64, 2439-2453.	6.3	19
5	Rational construction of ternary ZnNiP arrayed structures derived from 2D MOFs for advanced hybrid supercapacitors and Zn batteries. <i>Electrochimica Acta</i> , 2021, 387, 138548.	5.2	25
6	CoP Nanoparticles Fabricated Through the Nanoscale Kirkendall Effect Immobilized in 3D Hollow Carbon Frameworks for Oxygen Evolution Reaction. <i>Journal of the Electrochemical Society</i> , 2021, 168, 094501.	2.9	2
7	Three-dimensional hollow nitrogen-doped carbon shells enclosed monodisperse CoP nanoparticles for long cycle-life sodium storage. <i>Electrochimica Acta</i> , 2021, 395, 139112.	5.2	19
8	Initiation and Progression of Anisotropic Galvanic Replacement Reactions in a Single Ag Nanowire: Implications for Nanostructure Synthesis. <i>ACS Applied Nano Materials</i> , 2021, 4, 12346-12355.	5.0	6
9	Bilirubin oxidase oriented on novel type three-dimensional biocathodes with reduced graphene aggregation for biocathode. <i>Biosensors and Bioelectronics</i> , 2020, 167, 112500.	10.1	20
10	Recent Progress of Two-Dimensional Metal-Organic Frameworks and Their Derivatives for Oxygen Evolution Electrocatalysis. <i>ChemElectroChem</i> , 2020, 7, 4695-4712.	3.4	21
11	Microwave assisted crystalline and morphology evolution of flower-like Fe ₂ O ₃ @ iron doped K-birnessite composite and its application for lithium ion storage. <i>Applied Surface Science</i> , 2020, 525, 146513.	6.1	18
12	Well-defined cobalt sulfide nanoparticles locked in 3D hollow nitrogen-doped carbon shells for superior lithium and sodium storage. <i>Energy Storage Materials</i> , 2019, 18, 114-124.	18.0	62
13	Optimal structuring of nitrogen-doped hybrid-dimensional nanocarbons for high-performance flexible solid-state supercapacitors. <i>Journal of Materials Chemistry A</i> , 2019, 7, 7501-7515.	10.3	13
14	Self-supported multidimensional Ni-Fe phosphide networks with holey nanosheets for high-performance all-solid-state supercapacitors. <i>Journal of Materials Chemistry A</i> , 2019, 7, 17386-17399.	10.3	72
15	Three-Dimensional Sulfite Oxidase Bioanodes Based on Graphene Functionalized Carbon Paper for Sulfite/O ₂ Biofuel Cells. <i>ACS Catalysis</i> , 2019, 9, 6543-6554.	11.2	34
16	Effective synthetic strategy for Zn _{0.76} Co _{0.24} S encapsulated in stabilized N-doped carbon nanoarchitecture towards ultra-long-life hybrid supercapacitors. <i>Journal of Materials Chemistry A</i> , 2019, 7, 14670-14680.	10.3	59
17	Highly Isolated Cobalt Sulfide Nanoparticles Encapsulated in 3D Hollow Nitrogen Doped Carbon Sheells for Superior Lithium and Sodium Storage. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0
18	Hybrid 2D Dual-Metal-Organic Frameworks for Enhanced Water Oxidation Catalysis. <i>Advanced Functional Materials</i> , 2018, 28, 1801554.	14.9	550

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19	General Syntheses of Nanotubes Induced by Block Copolymer Self-Assembly. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800125.	3.9	7
20	Three-dimensional iron sulfide-carbon interlocked graphene composites for high-performance sodium-ion storage. <i>Nanoscale</i> , 2018, 10, 7851-7859.	5.6	56
21	Surfactant-dependent flower- and grass-like $Zn_{0.76}Co_{0.24}S/Co_3S_4$ for high-performance all-solid-state asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018, 6, 22830-22839.	10.3	60
22	Hierarchical layer-by-layer porous $FeCo_2S_4@Ni(OH)_2$ arrays for all-solid-state asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018, 6, 20480-20490.	10.3	102
23	Interfacial engineering enables Bi@C-TiO microspheres as superpower and long life anode for lithium-ion batteries. <i>Nano Energy</i> , 2018, 51, 137-145.	16.0	55
24	Metal-Organic Framework Derived Iron Sulfide@Carbon Core-Shell Nanorods as a Conversion-Type Battery Material. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 5039-5048.	6.7	82
25	Interdiffusion Reaction-Assisted Hybridization of Two-Dimensional Metal-Organic Frameworks and $Ti_3C_2T_x$ Nanosheets for Electrocatalytic Oxygen Evolution. <i>ACS Nano</i> , 2017, 11, 5800-5807.	14.6	557
26	Graphene encapsulated Fe_3O_4 nanorods assembled into a mesoporous hybrid composite used as a high-performance lithium-ion battery anode material. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1185-1193.	5.9	41
27	Latest advances in supercapacitors: from new electrode materials to novel device designs. <i>Chemical Society Reviews</i> , 2017, 46, 6816-6854.	38.1	1,567
28	Carbon coated copper sulfides nanosheets synthesized via directly sulfurizing Metal-Organic Frameworks for lithium batteries. <i>Materials Letters</i> , 2016, 181, 340-344.	2.6	29
29	Porous hollow Co_3O_4 with rhombic dodecahedral structures for high-performance supercapacitors. <i>Nanoscale</i> , 2014, 6, 14354-14359.	5.6	252
30	3D Graphene Foam as a Monolithic and Macroporous Carbon Electrode for Electrochemical Sensing. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 3129-3133.	8.0	292