

Yating Zhang

List of Publications by Year in descending order

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31
papers

873
citations

567281

15
h-index

477307

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all docs

31
docs citations

31
times ranked

830
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-electron transfer mechanism from 3D/3D nickel selenide/MoS ₂ heterostructure accelerates photocatalytic hydrogen evolution and tetracycline hydrochloride removal. <i>Chemical Engineering Journal</i> , 2022, 429, 132432.	12.7	29
2	Mechanochemical coordination self-assembly for Cobalt-based metal-organic framework-derived bifunctional oxygen electrocatalysts. <i>Journal of Colloid and Interface Science</i> , 2022, 613, 733-746.	9.4	14
3	A novel 3D hybrid carbon-based conductive network constructed by bimetallic MOF-derived CNTs embedded nitrogen-doped carbon framework for oxygen reduction reaction. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 5474-5485.	7.1	14
4	Co/N-codoped carbon nanotube hollow polyhedron hybrid derived from salt-encapsulated core-shell ZIF-8@ZIF-67 for efficient oxygen reduction reaction. <i>Journal of Alloys and Compounds</i> , 2022, 904, 164083.	5.5	18
5	Construction of 2D-coal-based graphene/2D-bismuth vanadate compound for effective photocatalytic CO ₂ reduction to CH ₃ OH. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 639, 128321.	4.7	13
6	Core-Shell ZIF-67@ZIF-8-derived multi-dimensional cobalt-nitrogen doped hierarchical carbon nanomaterial for efficient oxygen reduction reaction. <i>Journal of Alloys and Compounds</i> , 2022, 903, 163701.	5.5	36
7	N-doped graphene encapsulated MoS ₂ nanosphere composite as a high-performance anode for lithium-ion batteries. <i>Nanotechnology</i> , 2022, 33, 235703.	2.6	3
8	Amorphous CoMoS ₄ Nanoparticles Attached to CNTs@PDA as High-Performance Anode Materials for Lithium-Ion Batteries. <i>Energy & Fuels</i> , 2022, 36, 3964-3975.	5.1	0
9	Filling Ti ₃ C ₂ T _x nanosheets into melamine foam towards a highly compressible all-in-one supercapacitor. <i>Nano Research</i> , 2022, 15, 3254-3263.	10.4	20
10	Core-shell FeS ₂ @NSC grown on graphene for high performance lithium-ion storage. <i>Journal of Electroanalytical Chemistry</i> , 2022, 918, 116510.	3.8	4
11	Deep dive on the proteome of salivary extracellular vesicles: comparison between ultracentrifugation and polymer-based precipitation isolation. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 365-375.	3.7	18
12	Interconnected 3D Fe ₃ O ₄ /rGO as highly durable electrocatalyst for oxygen reduction reaction. <i>Journal of Alloys and Compounds</i> , 2021, 855, 157422.	5.5	21
13	Isolation of Exosome Nanoparticles from Human Cerebrospinal Fluid for Proteomic Analysis. <i>ACS Applied Nano Materials</i> , 2021, 4, 3351-3359.	5.0	16
14	A Comparative Study on the Performance of Direct Carbon Solid Oxide Fuel Cells Powered with Different Rank Coals. <i>Energy & Fuels</i> , 2021, 35, 6835-6844.	5.1	4
15	A Novel Strategy to Enhance the Performance of CO ₂ Adsorption Separation: Grafting Hyper-cross-linked Polyimide onto Composites of UiO-66-NH ₂ and GO. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 17781-17790.	8.0	44
16	Facile Self-Assembly Solvothermal Preparation of CuO/Cu ₂ O/Coal-Based Reduced Graphene Oxide Nanosheet Composites as an Anode for High-Performance Lithium-Ion Batteries. <i>Energy & Fuels</i> , 2021, 35, 8961-8969.	5.1	13
17	Nitrogen/oxygen dual-doped hierarchically porous carbon/graphene composite as high-performance anode for potassium storage. <i>Electrochimica Acta</i> , 2021, 377, 138093.	5.2	9
18	Decorating ZIF-67-derived cobalt-nitrogen doped carbon nanocapsules on 3D carbon frameworks for efficient oxygen reduction and oxygen evolution. <i>Carbon</i> , 2021, 177, 344-356.	10.3	67

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19	Preparation of a Sulfur-Doped Graphene-Wrapped FeS ₂ Microsphere Composite Material for Lithium-Ion Batteries. <i>Energy & Fuels</i> , 2021, 35, 20330-20338.	5.1	10
20	Fabrication of nitrogen-doped porous graphene hybrid nanosheets from metal-organic frameworks for lithium-ion batteries. <i>Nanotechnology</i> , 2020, 31, 145402.	2.6	12
21	Fabrication of core-shell nanohybrid derived from iron-based metal-organic framework grafted on nitrogen-doped graphene for oxygen reduction reaction. <i>Chemical Engineering Journal</i> , 2020, 401, 126001.	12.7	72
22	Facile synthesis 2D hierarchical structure of ultrahigh nitrogen-doped porous carbon graphene nanosheets as high-efficiency lithium-ion battery anodes. <i>Materials Chemistry and Physics</i> , 2020, 251, 123043.	4.0	10
23	Nitrogen-Doped Graphene Nanosheet Coated Nanospherical Fe ₃ O ₄ from Zeolitic Imidazolate Frameworks Template as Anode of Lithium Ion Batteries. <i>Energy & Fuels</i> , 2020, 34, 14986-14994.	5.1	18
24	Coal-Derived Graphene Quantum Dots Produced by Ultrasonic Physical Tailoring and Their Capacity for Cu(II) Detection. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 9793-9799.	6.7	73
25	3D nanoflower-like composite anode of Fe ₂ O ₃ /coal-based graphene for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2019, 792, 828-834.	5.5	41
26	Preparation of coal-based graphene quantum dots/Fe ₂ O ₃ nanocomposites and their lithium-ion storage properties. <i>Fuel</i> , 2019, 241, 646-652.	6.4	68
27	A strategy for regulating the performance of DCFC with semi-coke fuel. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 7465-7472.	7.1	14
28	Electrochemical and Capacitive Properties of Carbon Dots/Reduced Graphene Oxide Supercapacitors. <i>Nanomaterials</i> , 2016, 6, 212.	4.1	55
29	Utilization of bituminous coal in a direct carbon fuel cell. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 8576-8582.	7.1	21
30	Graphene Sheets from Graphitized Anthracite Coal: Preparation, Decoration, and Application. <i>Energy & Fuels</i> , 2012, 26, 5186-5192.	5.1	136
31	Copper-Catalyzed Oxidative Amidation for the Synthesis of α -Ketoamides from α -Diazoketones with Amines Using Oxygen as Oxidant. <i>Asian Journal of Organic Chemistry</i> , 0, , .	2.7	0