Yating Zhang

List of Publications by Year
in descending order

31 papers	873 citations	567281 15 h-index	477307 29 g-index
31 all docs	31 docs citations	31 times ranked	830 citing authors

#	Article	IF	Citations
1	Graphene Sheets from Graphitized Anthracite Coal: Preparation, Decoration, and Application. Energy & Fuels, 2012, 26, 5186-5192.	5.1	136
2	Coal-Derived Graphene Quantum Dots Produced by Ultrasonic Physical Tailoring and Their Capacity for Cu(II) Detection. ACS Sustainable Chemistry and Engineering, 2019, 7, 9793-9799.	6.7	73
3	Fabrication of core-shell nanohybrid derived from iron-based metal-organic framework grappled on nitrogen-doped graphene for oxygen reduction reaction. Chemical Engineering Journal, 2020, 401, 126001.	12.7	72
4	Preparation of coal-based graphene quantum dots/Î±-Fe2O3 nanocomposites and their lithium-ion storage properties. Fuel, 2019, 241, 646-652.	6.4	68
5	Decorating ZIF-67-derived cobaltâ€"nitrogen doped carbon nanocapsules on 3D carbon frameworks for efficient oxygen reduction and oxygen evolution. Carbon, 2021, 177, 344-356.	10.3	67
6	Electrochemical and Capacitive Properties of Carbon Dots/Reduced Graphene Oxide Supercapacitors. Nanomaterials, 2016, 6, 212.	4.1	55
7	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. ACS Applied Materials & Interfaces, 2021, 13, 17781-17790.	8.0	44
8	3D nanoflower-like composite anode of Î±-Fe2O3/coal-based graphene for lithium-ion batteries. Journal of Alloys and Compounds, 2019, 792, 828-834.	5.5	41
9	Core-Shell ZIF-67@ZIF-8-derived multi-dimensional cobalt-nitrogen doped hierarchical carbon nanomaterial for efficient oxygen reduction reaction. Journal of Alloys and Compounds, 2022, 903, 163701.	5.5	36
10	Two-electron transfer mechanism from 3D/3D nickel selenide/MoS2 heterostructure accelerates photocatalytic hydrogen evolution and tetracycline hydrochloride removal. Chemical Engineering Journal, 2022, 429, 132432.	12.7	29
11	Utilization of bituminous coal in a direct carbon fuel cell. International Journal of Hydrogen Energy, 2016, 41, 8576-8582.	7.1	21
12	Interconnected 3D Fe3O4/rGO as highly durable electrocatalyst for oxygen reduction reaction. Journal of Alloys and Compounds, 2021, 855, 157422.	5.5	21
13	Filling Ti3C2Tx nanosheets into melamine foam towards a highly compressible all-in-one supercapacitor. Nano Research, 2022, 15, 3254-3263.	10.4	20
14	Deep dive on the proteome of salivary extracellular vesicles: comparison between ultracentrifugation and polymer-based precipitation isolation. Analytical and Bioanalytical Chemistry, 2021, 413, 365-375.	3.7	18
15	Nitrogen-Doped Graphene Nanosheet Coated Nanospherical Fe_3O_4 from Zeolitic Imidazolate Frameworks Template as Anode of Lithium Ion Batteries. Energy & Fuels, 2020, 34, 14986-14994.	5.1	18
16	Co/N-codoped carbon nanotube hollow polyhedron hybrid derived from salt-encapsulated core-shell ZIF-8@ZIF-67 for efficient oxygen reduction reaction. Journal of Alloys and Compounds, 2022, 904, 164083.	5.5	18
17	Isolation of Exosome Nanoparticles from Human Cerebrospinal Fluid for Proteomic Analysis. ACS Applied Nano Materials, 2021, 4, 3351-3359.	5.0	16
18	A strategy for regulating the performance of DCFC with semi-coke fuel. International Journal of Hydrogen Energy, 2018, 43, 7465-7472.	7.1	14

#	Article	IF	Citations
19	Mechanochemical coordination self-assembly for Cobalt-based metal-organic framework-derived bifunctional oxygen electrocatalysts. Journal of Colloid and Interface Science, 2022, 613, 733-746.	9.4	14
20	A novel 3D hybrid carbon-based conductive network constructed by bimetallic MOF-derived CNTs embedded nitrogen-doped carbon framework for oxygen reduction reaction. International Journal of Hydrogen Energy, 2022, 47, 5474-5485.	7.1	14
21	Facile Self-Assembly Solvothermal Preparation of CuO/Cu_2O/Coal-Based Reduced Graphene Oxide Nanosheet Composites as an Anode for High-Performance Lithium-Ion Batteries. Energy & Fuels, 2021, 35, 8961-8969.	5.1	13
22	Construction of 2D-coal-based graphene/2D-bismuth vanadate compound for effective photocatalytic $CO2$ reduction to $CH3OH$. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 639, 128321.	4.7	13
23	Fabrication of nitrogen-doped porous graphene hybrid nanosheets from metalâ€"organic frameworks for lithium-ion batteries. Nanotechnology, 2020, 31, 145402.	2.6	12
24	Facile synthesis 2D hierarchical structure of ultrahigh nitrogen-doped porous carbon graphene nanosheets as high-efficiency lithium-ion battery anodes. Materials Chemistry and Physics, 2020, 251, 123043.	4.0	10
25	Preparation of a Sulfur-Doped Graphene-Wrapped FeS_2 Microsphere Composite Material for Lithium-Ion Batteries. Energy & Fuels, 2021, 35, 20330-20338.	5.1	10
26	Nitrogen/oxygen dual-doped hierarchically porous carbon/graphene composite as high-performance anode for potassium storage. Electrochimica Acta, 2021, 377, 138093.	5.2	9
27	A Comparative Study on the Performance of Direct Carbon Solid Oxide Fuel Cells Powered with Different Rank Coals. Energy & Fuels, 2021, 35, 6835-6844.	5.1	4
28	Core-shell FeS2@NSC grown on graphene for high performance lithium-ion storage. Journal of Electroanalytical Chemistry, 2022, 918, 116510.	3.8	4
29	N-doped graphene encapsulated MoS_2 nanosphere composite as a high-performance anode for lithium-ion batteries. Nanotechnology, 2022, 33, 235703.	2.6	3
30	Amorphous $CoMoS_4$ Nanoparticles Attached to CNTs@PDA as High-Performance Anode Materials for Lithium-Ion Batteries. Energy & Fuels, 2022, 36, 3964-3975.	5.1	0
31	Copperâ€Catalyzed Oxidative Amidation for the Synthesis of Î±â€Ketoamides from Î±â€Diazoketones with Amines Using Oxygen as Oxidant. Asian Journal of Organic Chemistry, 0, , .	2.7	0