Guoxiang Wang

List of Publications by Year
in descending order

24	550	623188 14	610482 24
papers	citations	h-index	g-index

24	24	24	729
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	One-step synthesis of mesoporous MnO₂/carbon sphere composites for asymmetric electrochemical capacitors. Journal of Materials Chemistry A, 2015, 3, 1127-1132.	5.2	61
2	FeS-decorated hierarchical porous N, S-dual-doped carbon derived from silica-ionogel as an efficient catalyst for oxygen reduction reaction in alkaline media. Electrochimica Acta, 2018, 265, 221-231.	2.6	51
3	Facile synthesis of 3D hierarchical mesoporous Fe-C-N catalysts as efficient electrocatalysts for oxygen reduction reaction. International Journal of Hydrogen Energy, 2018, 43, 5163-5174.	3.8	43
4	3D CNTs-threaded N-doped hierarchical porous carbon hybrid with embedded Co/CoO nanoparticles as efficient bifunctional catalysts for oxygen electrode reactions. Electrochimica Acta, 2018, 292, 707-717.	2.6	40
5	3D hierarchical porous CuS flower-dispersed CNT arrays on nickel foam as a binder-free electrode for supercapacitors. New Journal of Chemistry, 2019, 43, 10906-10914.	1.4	32
6	One-pot synthesis of Pd@PtNi core-shell nanoflowers supported on the multi-walled carbon nanotubes with boosting activity toward oxygen reduction in alkaline electrolyte. Journal of Power Sources, 2017, 365, 26-33.	4.0	31
7	Magnetization-induced double-layer capacitance enhancement in active carbon/Fe3O4 nanocomposites. Journal of Energy Chemistry, 2014, 23, 809-815.	7.1	30
8	Oneâ€Pot Synthesis of CuS Nanoflowerâ€Decorated Active Carbon Layer for Highâ€Performance Asymmetric Supercapacitors. ChemNanoMat, 2018, 4, 964-971.	1.5	29
9	Exploiting S,N co-doped 3D hierarchical porous carbon with Feâ€“N4 moiety as an efficient cathode electrocatalyst for advanced Znâ€“air battery. Electrochimica Acta, 2020, 364, 137301.	2.6	25
10	1D bamboo-like N-doped carbon nanotubes with encapsulated iron-based nanoparticles as an advanced Zn-air battery cathode electrocatalyst. Journal of Alloys and Compounds, 2020, 828, 154435.	2.8	25
11	High-performance pseudo-capacitor energy storage device based on a hollow-structured copper sulfide nanoflower and carbon quantum dot nanocomposite. Electrochimica Acta, 2020, 353, 136606.	2.6	22
12	3D hollow cage copper cobalt sulfide derived from metalâ€“organic frameworks for high-performance asymmetric supercapacitors. CrystEngComm, 2021, 23, 7385-7396.	1.3	17
13	High-voltage asymmetric supercapacitor based on MnO2 nanotubes//active carbon-multiwalled carbon nanotubes. Journal of Applied Electrochemistry, 2016, 46, 1091-1097.	1.5	16
14	Construction of nickel ferrite nanoparticle-loaded on carboxymethyl cellulose-derived porous carbon for efficient pseudocapacitive energy storage. Journal of Colloid and Interface Science, 2022, 622, 327-335.	5.0	16
15	On an Easy Way to Prepare Fe, S, N Tri-Doped Mesoporous Carbon Materials as Efficient Electrocatalysts for Oxygen Reduction Reaction. Electrocatalysis, 2019, 10, 72-81.	1.5	15
16	Feâ€“N4 engineering of S and N co-doped hierarchical porous carbon-based electrocatalysts for enhanced oxygen reduction in Znâ€“air batteries. Dalton Transactions, 2020, 49, 14847-14853.	1.6	15
17	Construction of metal-organic framework derived Co-Mo-S nanosheets arrays as high-performance electrode for battery-supercapacitor hybrid devices. Journal of Alloys and Compounds, 2022, 903, 163917.	2.8	15
18	One-pot synthesis of a CoS-AC electrode in a redox electrolyte for high-performance supercapacitors. Journal of Applied Electrochemistry, 2019, 49, 1069-1077.	1.5	13

#	Article	IF	Citations
19	Nitrogen-Doped Mesoporous Carbon Layer with Embedded Co/CoOx Nanoparticles Coated on CNTs for Oxygen Reduction Reaction in Znâ€“Air Battery. Electrocatalysis, 2019, 10, 277-286.	1.5	13
20	Exploiting encapsulated FeCo alloy decorated N-doped hierarchically porous carbon electrocatalysts in rechargeable Zn-air batteries. Journal of Alloys and Compounds, 2021, 870, 159417.	2.8	13
21	B,N-Codoped Porous C with Controllable N Species as an Electrode Material for Supercapacitors. Inorganic Chemistry, 2021, 60, 13252-13261.	1.9	13
22	Pt-supported Câ€“MnO2 as a catalyst for polymer electrolyte membrane fuel cells. Journal of Applied Electrochemistry, 2018, 48, 801-810.	1.5	8
23	Facile synthesis of cobalt Disulfide/Carbon nanotube composite as High-performance supercapacitors electrode. Journal of Electroanalytical Chemistry, 2021, 897, 115570.	1.9	4
24	Coreâ€“shell structured nanoporous N-doped carbon decorated with embedded Co nanoparticles as bifunctional oxygen electrocatalysts for rechargeable Znâ€“air batteries. New Journal of Chemistry, 2021, 45, 2760-2764.	1.4	3