Guoxiang Wang

List of Publications by Year in Descending Order

24 papers	362 citations	12 h-index	18 g-index
24 ext. papers	455 ext. citations	5.5 avg, IF	3.57 L-index

#	Paper	IF	Citations
24	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	5.7	1
23	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	9.3	2
22	Exploiting encapsulated FeCo alloy decorated N-doped hierarchically porous carbon electrocatalysts in rechargeable Zn-air batteries. *Journal of Alloys and Compounds*, **2021**, 870, 159417	5.7	4
21	Core–shell structured nanoporous N-doped carbon decorated with embedded Co nanoparticles as bifunctional oxygen electrocatalysts for rechargeable Zn–air batteries. *New Journal of Chemistry*, **2021**, 45, 2760-2764	3.6	0
20	B,N-Codoped Porous C with Controllable N Species as an Electrode Material for Supercapacitors. *Inorganic Chemistry*, **2021**, 60, 13252-13261	5.1	4
19	Facile synthesis of cobalt Disulfide/Carbon nanotube composite as High-performance supercapacitors electrode. *Journal of Electroanalytical Chemistry*, **2021**, 897, 115570	4.1	0
18	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	6.7	12
17	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	5.7	14
16	Exploiting S,N co-doped 3D hierarchical porous carbon with $FeIIN_4$ moiety as an efficient cathode electrocatalyst for advanced Zn–air battery. *Electrochimica Acta*, **2020**, 364, 137301	6.7	14
15	Fe-N engineering of S and N co-doped hierarchical porous carbon-based electrocatalysts for enhanced oxygen reduction in Zn-air batteries. *Dalton Transactions*, **2020**, 49, 14847-14853	4.3	6
14	One-pot synthesis of a CoS-AC electrode in a redox electrolyte for high-performance supercapacitors. *Journal of Applied Electrochemistry*, **2019**, 49, 1069-1077	2.6	6
13	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	3.6	21
12	Nitrogen-Doped Mesoporous Carbon Layer with Embedded Co/CoOx Nanoparticles Coated on CNTs for Oxygen Reduction Reaction in Zn–Air Battery. *Electrocatalysis*, **2019**, 10, 277-286	2.7	12
11	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	2.7	11
10	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	6.7	37
9	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	6.7	43
8	Pt-supported CNMnO2 as a catalyst for polymer electrolyte membrane fuel cells. *Journal of Applied Electrochemistry*, **2018**, 48, 801-810	2.6	5

7	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	6.7	30
6	One-Pot Synthesis of CuS Nanoflower-Decorated Active Carbon Layer for High-Performance Asymmetric Supercapacitors. *ChemNanoMat*, **2018**, 4, 964-971	3.5	20
5	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	8.9	25
4	High-voltage asymmetric supercapacitor based on MnO2 nanotubes//active carbon-multiwalled carbon nanotubes. *Journal of Applied Electrochemistry*, **2016**, 46, 1091-1097	2.6	14
3	One-step synthesis of mesoporous MnO2/carbon sphere composites for asymmetric electrochemical capacitors. *Journal of Materials Chemistry A*, **2015**, 3, 1127-1132	13	53
2	Magnetization-induced double-layer capacitance enhancement in active carbon/Fe3O4 nanocomposites. *Journal of Energy Chemistry*, **2014**, 23, 809-815	12	24
1	3D hollow cage copper cobalt sulfide derived from metal□rganic frameworks for high-performance asymmetric supercapacitors. *CrystEngComm*,	3.3	4