

Guoxiang Wang

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papers

362
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h-index

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g-index

24
ext. papers

455
ext. citations

5.5
avg, IF

3.57
L-index

#	Paper	IF	Citations
24	One-step synthesis of mesoporous MnO ₂ /carbon sphere composites for asymmetric electrochemical capacitors. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 1127-1132	13	53
23	FeS-decorated hierarchical porous N, S-dual-doped carbon derived from silica-ionogel as an efficient catalyst for oxygen reduction reaction in alkaline media. <i>Electrochimica Acta</i> , 2018 , 265, 221-231	6.7	43
22	Facile synthesis of 3D hierarchical mesoporous Fe-C-N catalysts as efficient electrocatalysts for oxygen reduction reaction. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 5163-5174	6.7	37
21	3D CNTs-threaded N-doped hierarchical porous carbon hybrid with embedded Co/CoO nanoparticles as efficient bifunctional catalysts for oxygen electrode reactions. <i>Electrochimica Acta</i> , 2018 , 292, 707-717	6.7	30
20	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. <i>Journal of Power Sources</i> , 2017 , 365, 26-33	8.9	25
19	Magnetization-induced double-layer capacitance enhancement in active carbon/Fe ₃ O ₄ nanocomposites. <i>Journal of Energy Chemistry</i> , 2014 , 23, 809-815	12	24
18	3D hierarchical porous CuS flower-dispersed CNT arrays on nickel foam as a binder-free electrode for supercapacitors. <i>New Journal of Chemistry</i> , 2019 , 43, 10906-10914	3.6	21
17	One-Pot Synthesis of CuS Nanoflower-Decorated Active Carbon Layer for High-Performance Asymmetric Supercapacitors. <i>ChemNanoMat</i> , 2018 , 4, 964-971	3.5	20
16	1D bamboo-like N-doped carbon nanotubes with encapsulated iron-based nanoparticles as an advanced Zn-air battery cathode electrocatalyst. <i>Journal of Alloys and Compounds</i> , 2020 , 828, 154435	5.7	14
15	Exploiting S,N co-doped 3D hierarchical porous carbon with FeII ₄ moiety as an efficient cathode electrocatalyst for advanced Zn ²⁺ /air battery. <i>Electrochimica Acta</i> , 2020 , 364, 137301	6.7	14
14	High-voltage asymmetric supercapacitor based on MnO ₂ nanotubes//active carbon-multiwalled carbon nanotubes. <i>Journal of Applied Electrochemistry</i> , 2016 , 46, 1091-1097	2.6	14
13	Nitrogen-Doped Mesoporous Carbon Layer with Embedded Co/CoO _x Nanoparticles Coated on CNTs for Oxygen Reduction Reaction in Zn ²⁺ /air Battery. <i>Electrocatalysis</i> , 2019 , 10, 277-286	2.7	12
12	High-performance pseudo-capacitor energy storage device based on a hollow-structured copper sulfide nanoflower and carbon quantum dot nanocomposite. <i>Electrochimica Acta</i> , 2020 , 353, 136606	6.7	12
11	On an Easy Way to Prepare Fe, S, N Tri-Doped Mesoporous Carbon Materials as Efficient Electrocatalysts for Oxygen Reduction Reaction. <i>Electrocatalysis</i> , 2019 , 10, 72-81	2.7	11
10	One-pot synthesis of a CoS-AC electrode in a redox electrolyte for high-performance supercapacitors. <i>Journal of Applied Electrochemistry</i> , 2019 , 49, 1069-1077	2.6	6
9	Fe-N engineering of S and N co-doped hierarchical porous carbon-based electrocatalysts for enhanced oxygen reduction in Zn-air batteries. <i>Dalton Transactions</i> , 2020 , 49, 14847-14853	4.3	6
8	Pt-supported Co-MnO ₂ as a catalyst for polymer electrolyte membrane fuel cells. <i>Journal of Applied Electrochemistry</i> , 2018 , 48, 801-810	2.6	5

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| 7 | Exploiting encapsulated FeCo alloy decorated N-doped hierarchically porous carbon electrocatalysts in rechargeable Zn-air batteries. <i>Journal of Alloys and Compounds</i> , 2021 , 870, 159417 | 5.7 | 4 |
| 6 | 3D hollow cage copper cobalt sulfide derived from metal-organic frameworks for high-performance asymmetric supercapacitors. <i>CrystEngComm</i> , | 3.3 | 4 |
| 5 | B,N-Codoped Porous C with Controllable N Species as an Electrode Material for Supercapacitors. <i>Inorganic Chemistry</i> , 2021 , 60, 13252-13261 | 5.1 | 4 |
| 4 | Construction of nickel ferrite nanoparticle-loaded on carboxymethyl cellulose-derived porous carbon for efficient pseudocapacitive energy storage.. <i>Journal of Colloid and Interface Science</i> , 2022 , 622, 327-335 | 9.3 | 2 |
| 3 | Construction of metal-organic framework derived Co-Mo-S nanosheets arrays as high-performance electrode for battery-supercapacitor hybrid devices. <i>Journal of Alloys and Compounds</i> , 2022 , 903, 163917 | 5.7 | 1 |
| 2 | Core-shell structured nanoporous N-doped carbon decorated with embedded Co nanoparticles as bifunctional oxygen electrocatalysts for rechargeable Zn-air batteries. <i>New Journal of Chemistry</i> , 2021 , 45, 2760-2764 | 3.6 | 0 |
| 1 | Facile synthesis of cobalt Disulfide/Carbon nanotube composite as High-performance supercapacitors electrode. <i>Journal of Electroanalytical Chemistry</i> , 2021 , 897, 115570 | 4.1 | 0 |