

Naibao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Microwave-assisted in-situ isomorphism via introduction of Mn into CoCo ₂ O ₄ for battery-supercapacitor hybrid electrode material. Chemical Engineering Journal, 2022, 430, 132729.	12.7	21
2	Using urea to improve the ORR performance of N-, P-, and S-ternary-doped porous carbon derived from biomass. Modern Physics Letters B, 2022, 36, .	1.9	2
3	Polyethylene oxide-polypropylene oxide -polyethylene oxide derived porous carbon materials with different molecular weights as ORR catalyst in alkaline electrolytes. International Journal of Hydrogen Energy, 2021, 46, 2952-2959.	7.1	1
4	Fabricating Co-N-C catalysts based on ZIF-67 for oxygen reduction reaction in alkaline electrolyte. Journal of Solid State Chemistry, 2021, 294, 121788.	2.9	19
5	Boosting the electrochemical properties of CoCo ₂ O ₄ porous nanowire arrays by microwave-assisted synthesis for battery-supercapacitor hybrid devices. Sustainable Energy and Fuels, 2021, 5, 3918-3928.	4.9	8
6	An enhancement on supercapacitor properties of porous CoO nanowire arrays by microwave-assisted regulation of the precursor. Nanotechnology, 2021, 32, 195707.	2.6	6
7	Micro-scale hollow nanosphere as highly efficient ORR electrocatalyst derived from the self-assembly of triblock copolymer (L64). Ionics, 2021, 27, 1611-1618.	2.4	0
8	ORR properties of S-modified Co ₃ O ₄ @S-g-C ₃ N ₄ /C catalyst in alkaline electrolyte. Ionics, 2021, 27, 2545-2551.	2.4	3
9	Microwave-Assisted Synthesis of NiMn ₂ O ₄ Grown on Nickel Foam as Electrode Material for High-Performance Supercapacitors. ChemistrySelect, 2021, 6, 5567-5574.	1.5	10
10	Ball-Milling Effect on Biomass-Derived Nanocarbon Catalysts for the Oxygen Reduction Reaction. ChemistrySelect, 2021, 6, 6019-6028.	1.5	10
11	High-performance spinel NiMn ₂ O ₄ microspheres self-assembled with nanosheets by microwave-assisted synthesis for supercapacitors. CrystEngComm, 2020, 22, 1645-1652.	2.6	33
12	Microwave-assisted preparation and improvement mechanism of carbon nanotube@NiMn ₂ O ₄ core-shell nanocomposite for high performance asymmetric supercapacitors. Journal of Power Sources, 2020, 473, 228609.	7.8	55
13	CNTs/Cf based counter electrode for highly efficient hole-transport-material-free perovskite solar cells. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 403, 112843.	3.9	15
14	A non-traditional biomass-derived N, P, and S ternary self-doped 3D multichannel carbon ORR electrocatalyst. New Journal of Chemistry, 2020, 44, 14604-14614.	2.8	38
15	B-site cobalt-doped perovskite oxide BaNiO ₃ oxygen sorbents for performance improvement of oxygen enriched gas production. New Journal of Chemistry, 2020, 44, 6003-6009.	2.8	6
16	Preparation of N-doped nano-hollow capsule carbon nanocage as ORR catalyst in alkaline solution by PVP modified F127. International Journal of Hydrogen Energy, 2020, 45, 8667-8675.	7.1	22
17	Novel Ni ₆ MnO ₈ /NiMnO ₃ composite as a highly stable electrode material for supercapacitors. Materials Letters, 2019, 255, 126509.	2.6	7
18	One-step synthesis of nanoblocks@nanoballs NiMnO ₃ /Ni ₆ MnO ₈ nanocomposites as electrode material for supercapacitors. International Journal of Hydrogen Energy, 2019, 44, 18351-18359.	7.1	15

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19	Fabricating carbon nanocages as ORR catalysts in alkaline electrolyte from F127 self-assemble core-shell micelle. International Journal of Hydrogen Energy, 2019, 44, 32184-32191.	7.1	11
20	The NH ₄ F-induced morphology control of hierarchical CoO@MnO ₂ core-shell arrays for high performance supercapacitor electrodes. CrystEngComm, 2019, 21, 7468-7475.	2.6	22
21	Microwave-assisted synthesis of novel 3D flower-like NiMnO ₃ nanoballs as electrode material for high-performance supercapacitors. Journal of Alloys and Compounds, 2019, 775, 1109-1116.	5.5	38
22	Microwave-assisted synthesis of Fe-doped NiMnO ₃ as electrode material for high-performance supercapacitors. Journal of Solid State Electrochemistry, 2019, 23, 63-72.	2.5	22
23	P-Doped Three-Dimensional Porous Carbon Networks as Efficient Metal-Free Electrocatalysts for ORR. ECS Journal of Solid State Science and Technology, 2018, 7, M123-M127.	1.8	5
24	Research on the oxygen reduction reaction (ORR) mechanism of g-C ₃ N ₄ doped by Ag based on first-principles calculations. Journal of the Chinese Chemical Society, 2018, 65, 1431-1436.	1.4	11
25	An improvement on capacitive properties of clew-like MnO ₂ by thermal treatment under nitrogen. International Journal of Hydrogen Energy, 2017, 42, 20016-20025.	7.1	27
26	GO clad Co ₃ O ₄ (Co ₃ O ₄ @GO) as ORR catalyst of anion exchange membrane fuel cell. International Journal of Hydrogen Energy, 2017, 42, 20216-20223.	7.1	30
27	Enhancement of photocatalytic and photoelectrocatalytic activity of Ag modified Mpg-C ₃ N ₄ composites. Applied Surface Science, 2017, 391, 423-431.	6.1	61
28	Corrosion behavior of brass coinage in synthetic sweat solution. Transactions of Nonferrous Metals Society of China, 2015, 25, 654-660.	4.2	11
29	Effect of carbon nanotube loadings on supercapacitor characteristics. International Journal of Energy Research, 2015, 39, 336-343.	4.5	18
30	Corrosion resistance of heated 316L stainless steel with CrC coating in PEMFC environment. , 2013, , .		0
31	Investigating the tarnish and corrosion mechanisms of Chinese gold coins. Surface and Interface Analysis, 2011, 43, 763-769.	1.8	6
32	Electrochemical behavior of treated 316ss with Ag film in PEMFC environment. , 2011, , .		0
33	Inhibition of copper corrosion by self-assembled monolayers of triazole derivative in chloride-containing solution. Journal of Solid State Electrochemistry, 2010, 14, 1391-1399.	2.5	19
34	Electrochemical characteristic of TiNi shape memory alloy in artificial body fluids. Journal of Biomedical Materials Research - Part A, 2009, 89A, 266-269.	4.0	8
35	Research on Electrochemical Behavior of Ti-Ir-Ru Anode Coating in Electrolytic Antifouling of Flowing Brine. Journal of Materials Engineering and Performance, 2009, 18, 1086-1090.	2.5	5
36	Study on hemocompatibility and corrosion behavior of ion implanted TiNi shape memory alloy and Co-based alloys. Journal of Biomedical Materials Research - Part A, 2007, 83A, 235-240.	4.0	7

#	ARTICLE	IF	CITATIONS
37	Zero-valence Fe boosts the activity of Fe@N-C electrocatalyst in oxygen reduction reaction. Ionics, 0, , 1.	2.4	0
38	Research on the performance of carbon film formed on thin stainless steel bipolar plates of PEMFC by laser irradiating. Modern Physics Letters B, 0, , .	1.9	0
39	Micro/nano blocks of Ni/MnO composites synthesized by microwave-assisted solvothermal for supercapacitors. Modern Physics Letters B, 0, , .	1.9	0