

Naibao

List of Publications by Year in descending order

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docs citations

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	Effect of carbon nanotube loadings on supercapacitor characteristics. International Journal of Energy Research, 2015, 39, 336-343.	4.5	18
15	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
16	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
17	Corrosion behavior of brass coinage in synthetic sweat solution. Transactions of Nonferrous Metals Society of China, 2015, 25, 654-660.	4.2	11
18	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

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19	Fabricating carbon nanocages as ORR catalysts in alkaline electrolyte from F127 self-assemble core-shell micelle. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 32184-32191.	7.1	11
20	Microwave-Assisted Synthesis of NiMn ₂ O ₄ Grown on Nickel Foam as Electrode Material for High-Performance Supercapacitors. <i>ChemistrySelect</i> , 2021, 6, 5567-5574.	1.5	10
21	Ball-Milling Effect on Biomass-Derived Nanocarbon Catalysts for the Oxygen Reduction Reaction. <i>ChemistrySelect</i> , 2021, 6, 6019-6028.	1.5	10
22	Electrochemical characteristic of TiNi shape memory alloy in artificial body fluids. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 89A, 266-269.	4.0	8
23	Boosting the electrochemical properties of CoCo ₂ O ₄ porous nanowire arrays by microwave-assisted synthesis for battery-supercapacitor hybrid devices. <i>Sustainable Energy and Fuels</i> , 2021, 5, 3918-3928.	4.9	8
24	Study on hemocompatibility and corrosion behavior of ion implanted TiNi shape memory alloy and Co-based alloys. <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 83A, 235-240.	4.0	7
25	Novel Ni ₆ MnO ₈ /NiMnO ₃ composite as a highly stable electrode material for supercapacitors. <i>Materials Letters</i> , 2019, 255, 126509.	2.6	7
26	Investigating the tarnish and corrosion mechanisms of Chinese gold coins. <i>Surface and Interface Analysis</i> , 2011, 43, 763-769.	1.8	6
27	B-site cobalt-doped perovskite oxide BaNiO ₃ oxygen sorbents for performance improvement of oxygen enriched gas production. <i>New Journal of Chemistry</i> , 2020, 44, 6003-6009.	2.8	6
28	An enhancement on supercapacitor properties of porous CoO nanowire arrays by microwave-assisted regulation of the precursor. <i>Nanotechnology</i> , 2021, 32, 195707.	2.6	6
29	Research on Electrochemical Behavior of Ti-Ir-Ru Anode Coating in Electrolytic Antifouling of Flowing Brine. <i>Journal of Materials Engineering and Performance</i> , 2009, 18, 1086-1090.	2.5	5
30	P-Doped Three-Dimensional Porous Carbon Networks as Efficient Metal-Free Electrocatalysts for ORR. <i>ECS Journal of Solid State Science and Technology</i> , 2018, 7, M123-M127.	1.8	5
31	ORR properties of S-modified Co ₃ O ₄ @S-g-C ₃ N ₄ /C catalyst in alkaline electrolyte. <i>Ionics</i> , 2021, 27, 2545-2551.	2.4	3
32	Using urea to improve the ORR performance of N-, P-, and S-ternary-doped porous carbon derived from biomass. <i>Modern Physics Letters B</i> , 2022, 36, .	1.9	2
33	Polyethylene oxide-polypropylene oxide -polyethylene oxide derived porous carbon materials with different molecular weights as ORR catalyst in alkaline electrolytes. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 2952-2959.	7.1	1
34	Electrochemical behavior of treated 316ss with Ag film in PEMFC environment. , 2011, , .		0
35	Corrosion resistance of heated 316L stainless steel with CrC coating in PEMFC environment. , 2013, , .		0
36	Micro-scale hollow nanosphere as highly efficient ORR electrocatalyst derived from the self-assembly of triblock copolymer (L64). <i>Ionics</i> , 2021, 27, 1611-1618.	2.4	0

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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