

Haibo

List of Publications by Year in descending order

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41
papers

2,094
citations

257450

24
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276875

41
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all docs

41
docs citations

41
times ranked

2388
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of diamond anodes in electrochemical degradation of organic pollutants. <i>Current Opinion in Electrochemistry</i> , 2022, 32, 100878.	4.8	7
2	Template-free synthesis of lignin-derived 3D hierarchical porous carbon for supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 7009-7018.	2.2	12
3	Anodic co-electrodeposition of hierarchical porous nano-SiO ₂ +PbO ₂ composite for enhanced performance of advanced lead-carbon batteries. <i>Journal of Energy Storage</i> , 2021, 35, 102285.	8.1	8
4	Design principles of lead-carbon additives toward better lead-carbon batteries. <i>Current Opinion in Electrochemistry</i> , 2021, 30, 100802.	4.8	7
5	Lignin Derived Porous Carbons: Synthesis Methods and Supercapacitor Applications. <i>Small Methods</i> , 2021, 5, e2100896.	8.6	80
6	Preparation of C/SnO ₂ composite with rice husk-based porous carbon carrier loading ultrasmall SnO ₂ nanoparticles for anode in lithium-ion batteries. <i>Journal of Electroanalytical Chemistry</i> , 2020, 857, 113634.	3.8	25
7	Hierarchical porous carbon@PbO _{1-x} composite for high-performance lead-carbon battery towards renewable energy storage. <i>Energy</i> , 2020, 193, 116675.	8.8	34
8	Electrochemical degradation of herbicide diuron on flow-through electrochemical reactor and CFD hydrodynamics simulation. <i>Separation and Purification Technology</i> , 2020, 251, 117284.	7.9	13
9	Significance of PbO deposition ratio in activated carbon-based lead-carbon composites for lead-carbon battery under high-rate partial-state-of-charge operation. <i>Electrochimica Acta</i> , 2020, 338, 135868.	5.2	26
10	Long-Life Lead-Acid Battery for High-Rate Partial-State-of-Charge Operation Enabled by a Rice-Husk-Based Activated Carbon Negative Electrode Additive. <i>ChemistrySelect</i> , 2020, 5, 2551-2558.	1.5	12
11	Effects of nano-SiO ₂ doped PbO ₂ as the positive electrode on the performance of lead-carbon hybrid capacitor. <i>Journal of Colloid and Interface Science</i> , 2020, 574, 377-384.	9.4	24
12	The application of rice husk-based porous carbon in positive electrodes of lead acid batteries. <i>Journal of Energy Storage</i> , 2020, 30, 101392.	8.1	21
13	Hierarchical Porous Carbon Prepared through Sustainable CuCl ₂ Activation of Rice Husk for High-Performance Supercapacitors. <i>ChemistrySelect</i> , 2019, 4, 2314-2319.	1.5	22
14	Enhanced electrochemical supercapacitor performance with a three-dimensional porous boron-doped diamond film. <i>New Journal of Chemistry</i> , 2019, 43, 18813-18822.	2.8	16
15	Recent developments and advances in boron-doped diamond electrodes for electrochemical oxidation of organic pollutants. <i>Separation and Purification Technology</i> , 2019, 212, 802-821.	7.9	233
16	Effect of polyvinyl alcohol/nano-carbon colloid on the electrochemical performance of negative plates of lead acid battery. <i>Journal of Electroanalytical Chemistry</i> , 2019, 832, 152-157.	3.8	20
17	Optimized lead carbon composite for enhancing the performance of lead-carbon battery under HRPSoc operation. <i>Journal of Electroanalytical Chemistry</i> , 2019, 832, 266-274.	3.8	31
18	Highly reversible lead-carbon battery anode with lead grafting on the carbon surface. <i>Journal of Energy Chemistry</i> , 2018, 27, 1674-1683.	12.9	38

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19	Hydrophobic networked PbO ₂ electrode for electrochemical oxidation of paracetamol drug and degradation mechanism kinetics. <i>Chemosphere</i> , 2018, 193, 89-99.	8.2	70
20	Facile Self-templating Melting Route Preparation of Biomass-derived Hierarchical Porous Carbon for Advanced Supercapacitors. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 983-988.	2.6	15
21	Hierarchical porous carbon prepared from biomass through a facile method for supercapacitor applications. <i>Journal of Colloid and Interface Science</i> , 2018, 530, 338-344.	9.4	155
22	Direct carbonization of rice husk to prepare porous carbon for supercapacitor applications. <i>Energy</i> , 2017, 128, 618-625.	8.8	160
23	Mechanism and kinetics of the electrocatalytic hydrogenation of furfural to furfuryl alcohol. <i>Journal of Electroanalytical Chemistry</i> , 2017, 804, 248-253.	3.8	51
24	Thermal transfer during the activation process in LiSi/FeS ₂ thermal batteries. <i>Chemical Research in Chinese Universities</i> , 2016, 32, 665-668.	2.6	7
25	Application of porous boron-doped diamond electrode towards electrochemical mineralization of triphenylmethane dye. <i>Journal of Electroanalytical Chemistry</i> , 2016, 775, 292-298.	3.8	41
26	A green technology for the preparation of high capacitance rice husk-based activated carbon. <i>Journal of Cleaner Production</i> , 2016, 112, 1190-1198.	9.3	154
27	3D Hierarchical Porous Carbon for Supercapacitors Prepared from Lignin through a Facile Template-Free Method. <i>ChemSusChem</i> , 2015, 8, 2114-2122.	6.8	247
28	Enhanced electrochemical oxidation of organic pollutants by boron-doped diamond based on porous titanium. <i>Separation and Purification Technology</i> , 2015, 149, 124-131.	7.9	36
29	On the electrochemical origin of the enhanced charge acceptance of the lead-carbon electrode. <i>Journal of Materials Chemistry A</i> , 2015, 3, 4399-4404.	10.3	61
30	Hierarchical porous carbon based on the self-templating structure of rice husk for high-performance supercapacitors. <i>RSC Advances</i> , 2015, 5, 19294-19300.	3.6	107
31	Facile preparation of 3D hierarchical porous carbon from lignin for the anode material in lithium ion battery with high rate performance. <i>Electrochimica Acta</i> , 2015, 176, 1136-1142.	5.2	135
32	Electrodeposition of three-dimensional ZnO@MnO ₂ core-shell nanocables as high-performance electrode material for supercapacitors. <i>Energy</i> , 2015, 93, 1259-1266.	8.8	34
33	Improved electrochemical performance of boron-doped diamond electrode depending on the structure of titanium substrate. <i>Journal of Electroanalytical Chemistry</i> , 2015, 758, 170-177.	3.8	30
34	A composite electrodeposited PbO ₂ /SnO ₂ positive electrode material for hybrid supercapacitors. <i>RSC Advances</i> , 2015, 5, 98983-98989.	3.6	26
35	Anodic preparation and supercapacitive performance of nano-Co ₃ O ₄ /MnO ₂ composites. <i>RSC Advances</i> , 2014, 4, 64675-64682.	3.6	10
36	KOH direct activation for preparing activated carbon fiber from polyacrylonitrile-based pre-oxidized fiber. <i>Chemical Research in Chinese Universities</i> , 2014, 30, 441-446.	2.6	21

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37	The AMWCNTs supported porous nanocarbon composites for high-performance supercapacitor. Materials Research Bulletin, 2013, 48, 4491-4498.	5.2	5
38	Influence of F ⁺ doping on the microstructure, surface morphology and electrochemical properties of the lead dioxide electrode. Surface and Interface Analysis, 2013, 45, 715-721.	1.8	22
39	Effect of SnO ₂ ∩Sb ₂ O ₅ Interlayer on Electrochemical Performances of a Ti∩Substrate Lead Dioxide Electrode. Chinese Journal of Chemistry, 2012, 30, 2059-2065.	4.9	26
40	Performance characterization of Ti substrate lead dioxide electrode with different solid solution interlayers. Journal of Materials Science, 2012, 47, 6709-6715.	3.7	42
41	Feasibility and advantage of biofilm-electrode reactor for phenol degradation. Journal of Environmental Sciences, 2009, 21, 1181-1185.	6.1	10