

Peng Zhao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Nanocomposites of hierarchical ultrathin MnO ₂ nanosheets/hollow carbon nanofibers for high-performance asymmetric supercapacitors. <i>Applied Surface Science</i> , 2019, 463, 931-938.	6.1	137
2	Hydrothermal electrodeposition incorporated with CVD-polymerisation to tune PPy@MnO ₂ interlinked core-shell nanowires on carbon fabric for flexible solid-state asymmetric supercapacitors. <i>Chemical Engineering Journal</i> , 2020, 380, 122488.	12.7	100
3	Facile and sustainable fabrication of high-performance cellulose sponge from cotton for oil-in-water emulsion separation. <i>Journal of Hazardous Materials</i> , 2021, 408, 124408.	12.4	68
4	Anode electrodeposition of 3D mesoporous Fe ₂ O ₃ nanosheets on carbon fabric for flexible solid-state asymmetric supercapacitor. <i>Ceramics International</i> , 2019, 45, 10420-10428.	4.8	33
5	Azide-assisted hydrothermal synthesis of N-doped mesoporous carbon cloth for high-performance symmetric supercapacitor employing LiClO ₄ as electrolyte. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 98, 58-65.	7.6	21
6	Continuous SO ₂ absorption and desorption in regenerable flue gas desulfurization with ethylenediamine-phosphoric acid solution: A rate-based dynamic modeling. <i>Fuel</i> , 2021, 292, 120263.	6.4	21
7	Electrochemical behavior of representative electrode materials in artificial seawater for fabricating supercapacitors. <i>Electrochimica Acta</i> , 2019, 318, 211-219.	5.2	18
8	NiFe ₂ O ₄ @Co ₃ O ₄ heterostructure with abundant oxygen vacancies as a bifunctional electrocatalyst for overall water splitting. <i>Journal of Alloys and Compounds</i> , 2022, 918, 165705.	5.5	15
9	Partially nitrogenized mesoporous Co ₃ O ₄ nanoflakes as a binder-free positive electrode for high-performance flexible solid-state asymmetric supercapacitors. <i>Journal of Alloys and Compounds</i> , 2021, 873, 159725.	5.5	9
10	Anode Electrodeposition of Fe ₃ O ₄ composite on Carbon Fabric as a Negative Electrode for Flexible Ni~Fe Batteries. <i>ChemElectroChem</i> , 2021, 8, 4817-4825.	3.4	6
11	Azide-assisted hydrothermal synthesis of N-doped active carbon with high conductivity for supercapacitor. <i>Ionics</i> , 2021, 27, 811-818.	2.4	3
12	Optimizing electronic state in Sr ₂ Co ₂ O _{5-x} with ferromagnetic state by improving oxygen vacancies for oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 19027-19037.	7.1	2
13	Co ₂ P decorated Co ₃ O ₄ nanocomposites supported on carbon cloth with enhanced electrochemical performance for asymmetric supercapacitors. <i>New Journal of Chemistry</i> , 2022, 46, 6212-6218.	2.8	1