Xy Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3978628/publications.pdf

Version: 2024-02-01

9	322	1163117 8	1474206 9
papers	citations	h-index	g-index

9	9	9	294
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In-situ synthesis of highly nitrogen, sulfur co-doped carbon nanosheets from melamine-formaldehyde-thiourea resin with improved cycling stability and energy density for supercapacitors. Journal of Power Sources, 2019, 416, 79-88.	7.8	83
2	An alternative electrolyte of deep eutectic solvent by choline chloride and ethylene glycol for wide temperature range supercapacitors. Journal of Power Sources, 2020, 452, 227847.	7.8	69
3	The construction of a new deep eutectic solvents system based on choline chloride and butanediol: The influence of the hydroxyl position of butanediol on the structure of deep eutectic solvent and supercapacitor performance. Journal of Power Sources, 2021, 490, 229365.	7.8	36
4	Hierarchically N/O-enriched nanoporous carbon for supercapacitor application: Simply adjusting the composition of deep eutectic solvent as well as the ratio with phenol-formaldehyde resin. Journal of Power Sources, 2019, 438, 226982.	7.8	32
5	Integrating surface functionalization and redox additives to improve surface reactivity for high performance supercapacitors. Electrochimica Acta, 2019, 323, 134810.	5.2	30
6	The effects of amine/nitro/hydroxyl groups on the benzene rings of redox additives on the electrochemical performance of carbon-based supercapacitors. Physical Chemistry Chemical Physics, 2016, 18, 10438-10452.	2.8	27
7	Design and theoretical study of novel deep eutectic solvents: The effects of bromine and chloride anions on solvation structure and supercapacitor performance. Journal of Power Sources, 2021, 492, 229634.	7.8	23
8	Deep eutectic solvents as effective electrolyte from potassium iodide and ethylene glycol exhibiting redox behavior for supercapacitor application. Journal of Energy Storage, 2022, 48, 103955.	8.1	16
9	Optimal Design of a Small-Molecule Crowding Electrolyte and Molecular Dynamics Simulation of an Electrodeâ€“Electrolyte Interface for Aqueous Supercapacitors with a Wide Operating Temperature Range. ACS Applied Energy Materials, 2022, 5, 355-366.	5.1	6