Beichen Xue

List of Publications by Year
in descending order

12	437	1040056 9	1199594 12
papers	citations	h-index	g-index

12	12	12	303
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rice husk-based hierarchical porous carbon for high performance supercapacitors: The structure-performance relationship. Carbon, 2020, 161, 432-444.	10.3	121
2	Selfâ€Templating Synthesis of 3D Hollow Tubular Porous Carbon Derived from Straw Cellulose Waste with Excellent Performance for Supercapacitors. ChemSusChem, 2019, 12, 1390-1400.	6.8	68
3	Self-template synthesis of nitrogen-doped porous carbon derived from rice husks for the fabrication of high volumetric performance supercapacitors. Journal of Energy Storage, 2020, 30, 101405.	8.1	53
4	A facile ball milling method to produce sustainable pyrolytic rice husk bio-filler for reinforcement of rubber mechanical property. Industrial Crops and Products, 2019, 141, 111791.	5.2	52
5	Self-assembled lignin-silica hybrid material derived from rice husks as the sustainable reinforcing fillers for natural rubber. International Journal of Biological Macromolecules, 2020, 145, 410-416.	7.5	38
6	The template effect of silica in rice husk for efficient synthesis of the activated carbon based electrode material. Journal of Alloys and Compounds, 2019, 789, 777-784.	5.5	35
7	Synthesis of Hierarchically Porous Carbon with Tailored Porosity and Electrical Conductivity Derived from Hardâ€“Soft Carbon Precursors for Enhanced Capacitive Performance. ACS Sustainable Chemistry and Engineering, 2021, 9, 15925-15934.	6.7	26
8	Sustainable and recyclable synthesis of porous carbon sheets from rice husks for energy storage: A strategy of comprehensive utilization. Industrial Crops and Products, 2021, 170, 113724.	5.2	19
9	Efficient utilization of crude bio-oil: the synthesis of nitrogen-doped hierarchically porous carbon as electrocatalysts for the oxygen reduction reaction. Sustainable Energy and Fuels, 2021, 5, 3884-3894.	4.9	11
10	Surface Modification of Rice Husk Ash by Ethanol-assisted Milling to Reinforce the Properties of Natural Rubber/Butadiene Rubber Composites. Chemical Research in Chinese Universities, 2021, 37, 757-762.	2.6	6
11	Surface modification of rice huskâ€“based carbonâ€“silica dualâ€phase filler by ethanolâ€assisted milling and its reinforcing on natural rubber. Polymer Engineering and Science, 2022, 62, 382-391.	3.1	5
12	Comprehensive Estimation of Combustion Behavior and Thermochemical Structure Evolution of Four Typical Industrial Polymeric Wastes. Energies, 2022, 15, 2487.	3.1	3