Benjamin KrÃ¼ner

List of Publications by Year
in descending order

16 papers	697 citations	567281 15 h-index	940533 16 g-index
16 all docs	16 docs citations	16 times ranked	1234 citing authors

#	Article	IF	Citations
1	Nitrogen-containing novolac-derived carbon beads as electrode material for supercapacitors. Carbon, 2018, 132, 220-231.	10.3	75
2	Charge and Potential Balancing for Optimized Capacitive Deionization Using Ligninâ€Derived, Lowâ€Cost Activated Carbon Electrodes. ChemSusChem, 2018, 11, 2101-2113.	6.8	68
3	Continuous silicon oxycarbide fiber mats with tin nanoparticles as a high capacity anode for lithium-ion batteries. Sustainable Energy and Fuels, 2018, 2, 215-228.	4.9	32
4	Gyroidal Porous Carbon Activated with NH₃ or CO₂ as Lithiumâ˜Sulfur Battery Cathodes. Batteries and Supercaps, 2018, 1, 83-94.	4.7	11
5	Influence of Nitrogenâ€Doping for Carbideâ€Derived Carbons on the Supercapacitor Performance in an Organic Electrolyte and an Ionic Liquid. Batteries and Supercaps, 2018, 1, 135-148.	4.7	17
6	Silicon Oxycarbide Beads from Continuously Produced Polysilsesquioxane as Stable Anode Material for Lithium-Ion Batteries. ACS Applied Energy Materials, 2018, 1, 2961-2970.	5.1	31
7	Vanadiaâ€“titania multilayer nanodecoration of carbon onions via atomic layer deposition for high performance electrochemical energy storage. Journal of Materials Chemistry A, 2017, 5, 2792-2801.	10.3	19
8	Hydrogen-treated, sub-micrometer carbon beads for fast capacitive deionization with high performance stability. Carbon, 2017, 117, 46-54.	10.3	50
9	Microporous novolac-derived carbon beads/sulfur hybrid cathode for lithium-sulfur batteries. Journal of Power Sources, 2017, 357, 198-208.	7.8	33
10	Tailored Mesoporous Carbon/Vanadium Pentoxide Hybrid Electrodes for High Power Pseudocapacitive Lithium and Sodium Intercalation. Chemistry of Materials, 2017, 29, 8653-8662.	6.7	34
11	Quantitative Information about Electrosorption of Ionic Liquids in Carbon Nanopores from Electrochemical Dilatometry and Quartz Crystal Microbalance Measurements. Journal of Physical Chemistry C, 2017, 121, 19120-19128.	3.1	23
12	Carbide-derived carbon beads with tunable nanopores from continuously produced polysilsesquioxanes for supercapacitor electrodes. Sustainable Energy and Fuels, 2017, 1, 1588-1600.	4.9	35
13	Electrospinning and electrospraying of silicon oxycarbide-derived nanoporous carbon for supercapacitor electrodes. Journal of Power Sources, 2016, 313, 178-188.	7.8	53
14	Niobium carbide nanofibers as a versatile precursor for high power supercapacitor and high energy battery electrodes. Journal of Materials Chemistry A, 2016, 4, 16003-16016.	10.3	51
15	Tin/vanadium redox electrolyte for battery-like energy storage capacity combined with supercapacitor-like power handling. Energy and Environmental Science, 2016, 9, 3392-3398.	30.8	121
16	Enhanced Electrochemical Energy Storage by Nanoscopic Decoration of Endohedral and Exohedral Carbon with Vanadium Oxide via Atomic Layer Deposition. Chemistry of Materials, 2016, 28, 2802-2813.	6.7	44