

Nicklas Blomquist

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

280
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

443
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-free supercapacitor with aqueous electrolyte and low-cost carbon materials. Scientific Reports, 2017, 7, 39836.	3.3	83
2	Large-Scale Production of Nanographite by Tube-Shear Exfoliation in Water. PLoS ONE, 2016, 11, e0154686.	2.5	41
3	Cellulose binders for electric double-layer capacitor electrodes: The influence of cellulose quality on electrical properties. Materials and Design, 2018, 141, 342-349.	7.0	39
4	Silicon-Nanographite Aerogel-Based Anodes for High Performance Lithium Ion Batteries. Scientific Reports, 2019, 9, 14621.	3.3	21
5	Enhanced electrical and mechanical properties of nanographite electrodes for supercapacitors by addition of nanofibrillated cellulose. Physica Status Solidi (B): Basic Research, 2014, 251, 2581-2586.	1.5	17
6	Electrode Mass Balancing as an Inexpensive and Simple Method to Increase the Capacitance of Electric Double-Layer Capacitors. PLoS ONE, 2016, 11, e0163146.	2.5	17
7	Treatment of NiMoO ₄ /nanographite nanocomposite electrodes using flexible graphite substrate for aqueous hybrid supercapacitors. PLoS ONE, 2021, 16, e0254023.	2.5	16
8	Influence of Substrate in Roll-to-roll Coated Nanographite Electrodes for Metal-free Supercapacitors. Scientific Reports, 2020, 10, 5282.	3.3	14
9	High-Throughput Processing of Nanographite-Nanocellulose-Based Electrodes for Flexible Energy Devices. Industrial & Engineering Chemistry Research, 2020, 59, 11232-11240.	3.7	11
10	Effects of geometry on large-scale tube-shear exfoliation of graphite to multilayer graphene and nanographite in water. Scientific Reports, 2019, 9, 8966.	3.3	8
11	Metallurgical investigation of aluminum anode behavior in water-in-salt electrolyte for aqueous aluminum batteries. Journal of Power Sources, 2022, 523, 231066.	7.8	7
12	Highly Stable Cycling of Silicon-Nanographite Aerogel-Based Anode for Lithium-Ion Batteries. ACS Omega, 2021, 6, 6600-6606.	3.5	6