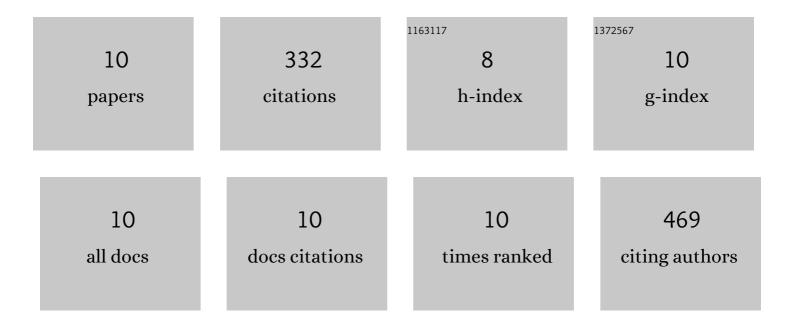
Christopher L Berhaut

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3388936/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Prelithiation of silicon/graphite composite anodes: Benefits and mechanisms for long-lasting Li-Ion batteries. Energy Storage Materials, 2020, 29, 190-197.	18.0	63
2	lonic association analysis of LiTDI, LiFSI and LiPF ₆ in EC/DMC for better Li-ion battery performances. RSC Advances, 2019, 9, 4599-4608.	3.6	58
3	LiTDI as electrolyte salt for Li-ion batteries: transport properties in EC/DMC. Electrochimica Acta, 2015, 180, 778-787.	5.2	48
4	Multiscale Multiphase Lithiation and Delithiation Mechanisms in a Composite Electrode Unraveled by Simultaneous <i>Operando</i> Small-Angle and Wide-Angle X-Ray Scattering. ACS Nano, 2019, 13, 11538-11551.	14.6	40
5	Nanoâ€Architectured Composite Anode Enabling Longâ€Term Cycling Stability for Highâ€Capacity Lithiumâ€Ion Batteries. Small, 2020, 16, e1906812.	10.0	37
6	Sorption of Aromatic Compounds with Copolymer Sorbent Materials Containing β-Cyclodextrin. Materials, 2011, 4, 1528-1542.	2.9	30
7	Multi-scale quantification and modeling of aged nanostructured silicon-based composite anodes. Communications Chemistry, 2020, 3, .	4.5	30
8	A new solvent mixture for use of LiTDI as electrolyte salt in Li-ion batteries. Electrochimica Acta, 2019, 305, 534-546.	5.2	10
9	Best Performing SiGe/Si Coreâ€Shell Nanoparticles Synthesized in One Step for High Capacity Anodes. Batteries and Supercaps, 2019, 2, 970-978.	4.7	8
10	(De)Lithiation and Strain Mechanism in Crystalline Ge Nanoparticles. ACS Nano, 2022, 16, 9819-9829.	14.6	8