Peter Jakes

List of Publications by Year
in descending order

9 papers	432 citations	1478505 6 h-index	1588992 8 g-index
9 all docs	9 docs citations	9 times ranked	735 citing authors

#	Article	IF	Citations
1	Strategies towards enabling lithium metal in batteries: interphases and electrodes. Energy and Environmental Science, 2021, 14, 5289-5314.	30.8	156
2	Operando electron paramagnetic resonance spectroscopy â€“ formation of mossy lithium on lithium anodes during chargeâ€“discharge cycling. Energy and Environmental Science, 2015, 8, 1358-1367.	30.8	128
3	Unraveling the Degradation Process of LiNi_{0.8}Co_{0.15}Al_{0.05}O₂ Electrodes in Commercial Lithium Ion Batteries by Electronic Structure Investigations. ACS Applied Materials & Interfaces, 2015, 7, 19589-19600.	8.0	80
4	Electrocatalytic Water Oxidation by a Trinuclear Copper(II) Complex. ACS Catalysis, 2021, 11, 7223-7240.	11.2	35
5	3D printed sample holder for in-operando EPR spectroscopy on high temperature polymer electrolyte fuel cells. Journal of Magnetic Resonance, 2016, 269, 157-161.	2.1	10
6	Dynamics of [Pyr₁₃][Tf₂N] ionic liquid confined to carbon black. Physical Chemistry Chemical Physics, 2019, 21, 17018-17028.	2.8	10
7	Identification of LiPF 6 Decomposition Products in Liâ€ion Batteries with Endogenous Vanadyl Sensors Using Pulse Electron Paramagnetic Resonance and Density Functional Theory. Advanced Energy and Sustainability Research, 0, , 2100121.	5.8	5
8	Post-Test Raman Investigation of Silver Based Gas Diffusion Electrodes. Journal of the Electrochemical Society, 2020, 167, 086505.	2.9	4
9	Lithium intercalation into graphite: In operando analysis of Raman signal widths. Electrochemical Science Advances, 2022, 2, e2100068.	2.8	4