

# Peter Jakes

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4879052/publications.pdf>

Version: 2024-02-01

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	Lithium intercalation into graphite: In operando analysis of Raman signal widths. <i>Electrochemical Science Advances</i> , 2022, 2, e2100068.	2.8	4
2	Strategies towards enabling lithium metal in batteries: interphases and electrodes. <i>Energy and Environmental Science</i> , 2021, 14, 5289-5314.	30.8	156
3	Electrocatalytic Water Oxidation by a Trinuclear Copper(II) Complex. <i>ACS Catalysis</i> , 2021, 11, 7223-7240.	11.2	35
4	Post-Test Raman Investigation of Silver Based Gas Diffusion Electrodes. <i>Journal of the Electrochemical Society</i> , 2020, 167, 086505.	2.9	4
5	Dynamics of [Pyr <sub>13</sub> ][Tf <sub>2</sub> N] ionic liquid confined to carbon black. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 17018-17028.	2.8	10
6	3D printed sample holder for in-operando EPR spectroscopy on high temperature polymer electrolyte fuel cells. <i>Journal of Magnetic Resonance</i> , 2016, 269, 157-161.	2.1	10
7	Operando electron paramagnetic resonance spectroscopy " formation of mossy lithium on lithium anodes during charge" discharge cycling. <i>Energy and Environmental Science</i> , 2015, 8, 1358-1367.	30.8	128
8	Unraveling the Degradation Process of LiNi <sub>0.8</sub> Co <sub>0.15</sub> Al <sub>0.05</sub> O <sub>2</sub> Electrodes in Commercial Lithium Ion Batteries by Electronic Structure Investigations. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 19589-19600.	8.0	80
9	Identification of LiPF <sub>6</sub> Decomposition Products in Li-Ion Batteries with Endogenous Vanadyl Sensors Using Pulse Electron Paramagnetic Resonance and Density Functional Theory. <i>Advanced Energy and Sustainability Research</i> , 0, , 2100121.	5.8	5