Christopher A O'keefe

List of Publications by Year
in descending order

16 papers	892 citations	687220 13 h-index	996849 15 g-index
16 all docs	16 docs citations	16 times ranked	998 citing authors

#	Article	IF	Citations
1	A molecular shuttle that operates inside a metalâ€“organic framework. Nature Chemistry, 2015, 7, 514-519.	6.6	247
2	Metalâ€“Organic Frameworks with Mechanically Interlocked Pillars: Controlling Ring Dynamics in the Solid-State via a Reversible Phase Change. Journal of the American Chemical Society, 2014, 136, 7403-7409.	6.6	127
3	Mechanically Interlocked Linkers inside Metalâ€“Organic Frameworks: Effect of Ring Size on Rotational Dynamics. Journal of the American Chemical Society, 2015, 137, 9643-9651.	6.6	98
4	Formulation of Metalâ€“Organic Framework-Based Drug Carriers by Controlled Coordination of Methoxy PEG Phosphate: Boosting Colloidal Stability and Redispersibility. Journal of the American Chemical Society, 2021, 143, 13557-13572.	6.6	88
5	Toward an Understanding of SEI Formation and Lithium Plating on Copper in Anode-Free Batteries. Journal of Physical Chemistry C, 2021, 125, 16719-16732.	1.5	55
6	Structural and Dynamic Disorder, Not Ionic Trapping, Controls Charge Transport in Highly Doped Conducting Polymers. Journal of the American Chemical Society, 2022, 144, 3005-3019.	6.6	45
7	Electrolyte Reactivity at the Charged Ni-Rich Cathode Interface and Degradation in Li-Ion Batteries. ACS Applied Materials & Interfaces, 2022, 14, 13206-13222.	4.0	45
8	A Study of Transitionâ€Metal Organometallic Complexes Combining ³⁵Cl Solidâ€State NMR Spectroscopy and ³⁵Clâ€…NQR Spectroscopy and Firstâ€Principles DFT Calculations. Chemistry - A European Journal, 2013, 19, 12396-12414.	1.7	34
9	Thermally Driven Dynamics of a Rotaxane Wheel about an Imidazolium Axle inside a Metalâ€“Organic Framework. ChemPlusChem, 2016, 81, 836-841.	1.3	33
10	New Route to Battery Grade NaPF₆ for Naâ€Ion Batteries: Expanding the Accessible Concentration. Angewandte Chemie - International Edition, 2021, 60, 24882-24887.	7.2	31
11	An Investigation of Chlorine Ligands in Transition-Metal Complexes via ³⁵Cl Solid-State NMR and Density Functional Theory Calculations. Inorganic Chemistry, 2014, 53, 9581-9597.	1.9	28
12	Exploring the dynamics of Zr-based metalâ€“organic frameworks containing mechanically interlocked molecular shuttles. Faraday Discussions, 2021, 225, 358-370.	1.6	24
13	Sodium Borates: Expanding the Electrolyte Selection for Sodiumâ€Ion Batteries. Angewandte Chemie - International Edition, 2022, 61, .	7.2	15
14	New Route to Battery Grade NaPF6 for Naâ€Ion Batteries: Expanding the Accessible Concentration. Angewandte Chemie, 0, , .	1.6	8
15	Dynamics of a [2]rotaxane wheel in a crystalline molecular solid. Chemical Communications, 2021, 57, 8210-8213.	2.2	8
16	Sodium Borates: Expanding the Electrolyte Selection for Sodiumâ€Ion Batteries. Angewandte Chemie, 2022, 134, .	1.6	6