Joseph V Handy

List of Publications by Year
in descending order

9 papers	102 citations	1684188 5 h-index	1474206 9 g-index
9 all docs	9 docs citations	9 times ranked	64 citing authors

#	Article	IF	Citations
1	Effect of crystallite geometries on electrochemical performance of porous intercalation electrodes by multiscale operando investigation. Nature Materials, 2022, 21, 217-227.	27.5	35
2	An Atomic View of Cation Diffusion Pathways from Singleâ€Crystal Topochemical Transformations. Angewandte Chemie - International Edition, 2020, 59, 16385-16392.	13.8	20
3	Lone but Not Alone: Precise Positioning of Lone Pairs for the Design of Photocatalytic Architectures. Chemistry of Materials, 2022, 34, 1439-1458.	6.7	12
4	Halide Replacement with Complete Preservation of Crystal Lattice in Mixedâ€Anion Lanthanide Oxyhalides. Angewandte Chemie - International Edition, 2021, 60, 15582-15589.	13.8	11
5	Cation reordering instead of phase transitions: Origins and implications of contrasting lithiation mechanisms in 1D Î¶- and 2D Î±-V ₂ O ₅. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	11
6	Topochemical stabilization and single-crystal transformations of a metastable 2D Î³Ê¹-V2O5 intercalation cathode. Cell Reports Physical Science, 2022, 3, 100712.	5.6	5
7	A â€œLi-Eyeâ€•View of Diffusion Pathways in a 2D Intercalation Material from Topochemical Single-Crystal Transformation. ACS Energy Letters, 2022, 7, 1960-1962.	17.4	4
8	An Atomic View of Cation Diffusion Pathways from Singleâ€Crystal Topochemical Transformations. Angewandte Chemie, 2020, 132, 16527-16534.	2.0	3
9	Halide Replacement with Complete Preservation of Crystal Lattice in Mixedâ€Anion Lanthanide Oxyhalides. Angewandte Chemie, 2021, 133, 15710-15717.	2.0	1