

Joseph V Handy

List of Publications by Year in descending order

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9
papers

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1684188

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1474206

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64
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of crystallite geometries on electrochemical performance of porous intercalation electrodes by multiscale operando investigation. <i>Nature Materials</i> , 2022, 21, 217-227.	27.5	35
2	Topochemical stabilization and single-crystal transformations of a metastable 2D V^{1+}VO_5 intercalation cathode. <i>Cell Reports Physical Science</i> , 2022, 3, 100712.	5.6	5
3	Cation reordering instead of phase transitions: Origins and implications of contrasting lithiation mechanisms in 1D V^{1+} - and 2D V^{2+}VO_5 . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	11
4	Lone but Not Alone: Precise Positioning of Lone Pairs for the Design of Photocatalytic Architectures. <i>Chemistry of Materials</i> , 2022, 34, 1439-1458.	6.7	12
5	A Li^+ -Eye View of Diffusion Pathways in a 2D Intercalation Material from Topochemical Single-Crystal Transformation. <i>ACS Energy Letters</i> , 2022, 7, 1960-1962.	17.4	4
6	Halide Replacement with Complete Preservation of Crystal Lattice in Mixed-Anion Lanthanide Oxyhalides. <i>Angewandte Chemie</i> , 2021, 133, 15710-15717.	2.0	1
7	Halide Replacement with Complete Preservation of Crystal Lattice in Mixed-Anion Lanthanide Oxyhalides. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15582-15589.	13.8	11
8	An Atomic View of Cation Diffusion Pathways from Single-Crystal Topochemical Transformations. <i>Angewandte Chemie</i> , 2020, 132, 16527-16534.	2.0	3
9	An Atomic View of Cation Diffusion Pathways from Single-Crystal Topochemical Transformations. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16385-16392.	13.8	20