

Yang Ha

List of Publications by Year in descending order

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16
papers

735
citations

759233

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996975

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17
times ranked

1129
citing authors

#	ARTICLE	IF	CITATIONS
1	Cation-disordered rocksalt-type high-entropy cathodes for Li-ion batteries. <i>Nature Materials</i> , 2021, 20, 214-221.	27.5	290
2	Exploring the bottlenecks of anionic redox in Li-rich layered sulfides. <i>Nature Energy</i> , 2019, 4, 977-987.	39.5	123
3	Non-topotactic reactions enable high rate capability in Li-rich cathode materials. <i>Nature Energy</i> , 2021, 6, 706-714.	39.5	65
4	Preparation of Non-heme {FeNO} ⁷⁺ Models of Cysteine Dioxygenase: Sulfur versus Nitrogen Ligation and Photorelease of Nitric Oxide. <i>Journal of the American Chemical Society</i> , 2013, 135, 14024-14027.	13.7	63
5	Tailoring the Redox Reactions for High-Capacity Cycling of Cation-Disordered Rocksalt Cathodes. <i>Advanced Functional Materials</i> , 2021, 31, 2008696.	14.9	23
6	An electrochemical approach to monitor pH change in agar media during plant tissue culture. <i>Biosensors and Bioelectronics</i> , 2007, 22, 2718-2723.	10.1	22
7	A Zinc Linchpin Motif in the MUTYH Glycosylase Interdomain Connector Is Required for Efficient Repair of DNA Damage. <i>Journal of the American Chemical Society</i> , 2014, 136, 7829-7832.	13.7	22
8	Sulfur K-Edge X-ray Absorption Spectroscopy and Density Functional Theory Calculations on Monooxo Mo ^{IV} and Bisoxo Mo ^{VI} Bis-dithiolenes: Insights into the Mechanism of Oxo Transfer in Sulfite Oxidase and Its Relation to the Mechanism of DMSO Reductase. <i>Journal of the American Chemical Society</i> , 2014, 136, 9094-9105.	13.7	20
9	Whither Mn Oxidation in Mn-Rich Alkali-Excess Cathodes?. <i>ACS Energy Letters</i> , 2021, 6, 1055-1064.	17.4	20
10	Sulfur K-Edge XAS Studies of the Effect of DNA Binding on the [Fe ₄ S ₄] Site in EndoIII and MutY. <i>Journal of the American Chemical Society</i> , 2017, 139, 11434-11442.	13.7	19
11	In-situ/operando X-ray absorption spectroscopic investigation of the electrode/electrolyte interface on the molecular scale. <i>Surface Science</i> , 2020, 702, 121720.	1.9	19
12	Highly reversible Li ₂ RuO ₃ cathodes in sulfide-based all solid-state lithium batteries. <i>Energy and Environmental Science</i> , 2022, 15, 3470-3482.	30.8	17
13	Probing calcium solvation by XAS, MD and DFT calculations. <i>RSC Advances</i> , 2020, 10, 27315-27321.	3.6	12
14	Trace Key Mechanistic Features of the Arsenite Sequestration Reaction with Nanoscale Zerovalent Iron. <i>Journal of the American Chemical Society</i> , 2021, 143, 16538-16548.	13.7	12
15	Deciphering the Solvent Effect for the Solvation Structure of Ca ²⁺ in Polar Molecular Liquids. <i>Journal of Physical Chemistry B</i> , 2020, 124, 3408-3417.	2.6	8
16	S K-edge XAS of CuII, CuI, and ZnII oxidized Dithiolene complexes: Covalent contributions to structure and the Jahn-Teller effect. <i>Journal of Inorganic Biochemistry</i> , 2022, 230, 111752.	3.5	0