

Molleigh B Preefer

List of Publications by Year in descending order

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618
citing authors

#	ARTICLE	IF	CITATIONS
1	Ionic and Electronic Conduction in TiNb_2O_7 . Journal of the American Chemical Society, 2019, 141, 16706-16725.	13.7	134
2	High Sulfur Content Material with Stable Cycling in Lithium-Sulfur Batteries. Angewandte Chemie - International Edition, 2017, 56, 15118-15122.	13.8	61
3	Multielectron Redox and Insulator-to-Metal Transition upon Lithium Insertion in the Fast-Charging, Wadsley-Roth Phase $\text{PNb}_9\text{O}_{25}$. Chemistry of Materials, 2020, 32, 4553-4563.	6.7	50
4	Solid-State Divalent Ion Conduction in ZnPS_3 . Chemistry of Materials, 2019, 31, 3652-3661.	6.7	37
5	Operando calorimetry informs the origin of rapid rate performance in microwave-prepared TiNb_2O_7 TiNb_2O_7 . Chemistry of Materials, 2019, 31, 3652-3661.	7.8	24
6	Rapid and Tunable Assisted-Microwave Preparation of Glass and Glass-Ceramic Thiophosphate $\text{Li}_7\text{P}_3\text{S}_{11}$ Li-Ion Conductors. ACS Applied Materials & Interfaces, 2019, 11, 42280-42287.	8.0	22
7	High Sulfur Content Material with Stable Cycling in Lithium-Sulfur Batteries. Angewandte Chemie, 2017, 129, 15314-15318.	2.0	19
8	High-Capacity Li^+ Storage through Multielectron Redox in the Fast-Charging Wadsley-Roth Phase ($\text{W}_0.2\text{V}_{0.8}$) O_7 . Chemistry of Materials, 2020, 32, 9415-9424.	6.7	15
9	Role of Electronic Structure in Li Ordering and Chemical Strain in the Fast Charging Wadsley-Roth Phase $\text{PNb}_9\text{O}_{25}$. Chemistry of Materials, 2021, 33, 7755-7766.	6.7	13
10	High-Rate Lithium Cycling and Structure Evolution in Mo_4O_{11} . Chemistry of Materials, 2022, 34, 4122-4133.	6.7	13
11	Understanding the role of crystallographic shear on the electrochemical behavior of niobium oxyfluorides. Journal of Materials Chemistry A, 2020, 8, 12623-12632.	10.3	12
12	Rapid microwave-assisted preparation of binary and ternary transition metal sulfide compounds. Solid State Sciences, 2017, 74, 8-12.	3.2	11
13	Potentiometric entropy and operando calorimetric measurements reveal fast charging mechanisms in $\text{PNb}_9\text{O}_{25}$ $\text{PNb}_9\text{O}_{25}$. Journal of Power Sources, 2022, 520, 230776.	7.8	11
14	<i>Ab initio</i> computation for solid-state ^{31}P NMR of inorganic phosphates: revisiting X-ray structures. Physical Chemistry Chemical Physics, 2019, 21, 10070-10074.	2.8	10
15	Subtle Local Structural Details Influence Ion Transport in Glassy Li^+ Thiophosphate Solid Electrolytes. ACS Applied Materials & Interfaces, 2021, 13, 57567-57575.	8.0	5
16	Room-Temperature Electrochemical Fluoride (De)insertion into CsMnFeF_6 . ACS Energy Letters, 2022, 7, 2340-2348.	17.4	3
17	$\text{Li}_5\text{VF}_4(\text{SO}_4)_2$: A Prototype High-Voltage Li-Ion Cathode. ACS Applied Materials & Interfaces, 2020, 12, 48662-48668.	8.0	1
18	Prospects for Employing Lithium Copper Phosphates as High-Voltage Li-Ion Cathodes. Journal of Physical Chemistry C, 2021, 125, 13123-13130.	3.1	0