

Graham M Leverick

List of Publications by Year in descending order

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable Redox Mediators for Li ⁺ O ₂ Batteries Based on Interhalide Complexes. ACS Applied Materials & Interfaces, 2022, 14, 6689-6701.	8.0	5
2	Six-Electron Reduction of LiIO ₃ to LiOH in Aprotic Solvents and Implications for Li ⁺ O ₂ Batteries. Journal of Physical Chemistry C, 2022, 126, 8256-8267.	3.1	5
3	Accelerating amorphous polymer electrolyte screening by learning to reduce errors in molecular dynamics simulated properties. Nature Communications, 2022, 13, .	12.8	18
4	Optimization of the salicylate method for ammonia quantification from nitrogen electroreduction. Journal of Electroanalytical Chemistry, 2021, 896, 115250.	3.8	11
5	Importance of Equilibration Method and Sampling for <i>Ab Initio</i> Molecular Dynamics Simulations of Solvent ⁺ Lithium-Salt Systems in Lithium-Oxygen Batteries. Journal of Chemical Theory and Computation, 2020, 16, 7255-7266.	5.3	9
6	Quantitative Mapping of Molecular Substituents to Macroscopic Properties Enables Predictive Design of Oligoethylene Glycol-Based Lithium Electrolytes. ACS Central Science, 2020, 6, 1115-1128.	11.3	15
7	Solvent- and Anion-Dependent Li ⁺ O ₂ ⁺ Coupling Strength and Implications on the Thermodynamics and Kinetics of Li ⁺ O ₂ Batteries. Journal of Physical Chemistry C, 2020, 124, 4953-4967.	3.1	29
8	Salicylate Method for Ammonia Quantification in Nitrogen Electroreduction Experiments: The Correction of Iron III Interference. Journal of the Electrochemical Society, 2020, 167, 134519.	2.9	13
9	Modeling the Effect of Lithium Superoxide Solvation and Surface Reduction Kinetics on Discharge Capacity in Lithium ⁺ Oxygen Batteries. Journal of Physical Chemistry C, 2019, 123, 14272-14282.	3.1	9
10	Solvent-Dependent Oxidizing Power of LiI Redox Couples for Li-O ₂ Batteries. Joule, 2019, 3, 1106-1126.	24.0	82
11	Probing the Influence of Solvation Entropy on Li ⁺ /Li Redox in Aprotic Electrolytes. ECS Meeting Abstracts, 2019, , .	0.0	0
12	The Thermodynamic and Kinetic Influence of Solvent, Counter Anion and Salt Concentration on ORR in Li-O ₂ Batteries. ECS Meeting Abstracts, 2019, , .	0.0	0
13	Tuning NaO ₂ Cube Sizes by Controlling Na ⁺ and Solvent Activity in Na ⁺ O ₂ Batteries. Journal of Physical Chemistry C, 2018, 122, 18316-18328.	3.1	29
14	Supramolecular Regulation of Anions Enhances Conductivity and Transference Number of Lithium in Liquid Electrolytes. Journal of the American Chemical Society, 2018, 140, 10932-10936.	13.7	70
15	The role of iodide in the formation of lithium hydroxide in lithium ⁺ oxygen batteries. Energy and Environmental Science, 2017, 10, 1828-1842.	30.8	107
16	Coarse quantization in calculations of entropy measures for experimental time series. Nonlinear Dynamics, 2015, 79, 93-100.	5.2	8
17	Using Entropy Measures to Characterize Human Locomotion. Journal of Biomechanical Engineering, 2014, 136, 121002.	1.3	18
18	Investigation of the Suitability of Utilizing Permutation Entropy to Characterize Gait Dynamics. , 2013, , .		3

#	ARTICLE	IF	CITATIONS
19	Alkali Metal Salt Interference on the Salicylate Method for Quantifying Ammonia from Nitrogen Reduction. , 0, , .		4