Luis E Camacho-Forero

List of Publications by Year
in descending order

15	883	840776 11	996975 15
papers	citations	h-index	g-index

15	15	15	1484
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Theoretical and experimental study of the effects of cobalt and nickel doping within IrO2 on the acidic oxygen evolution reaction. Journal of Catalysis, 2022, 408, 64-80.	6.2	10
2	Li2S growth on graphene: Impact on the electrochemical performance of Li-S batteries. Journal of Chemical Physics, 2020, 152, 014701.	3.0	10
3	Elucidating Interfacial Phenomena between Solid-State Electrolytes and the Sulfur-Cathode of Lithiumâ€“Sulfur Batteries. Chemistry of Materials, 2020, 32, 360-373.	6.7	38
4	Reversible Crosslinked Polymer Binder for Recyclable Lithium Sulfur Batteries with High Performance. Advanced Functional Materials, 2020, 30, 2003605.	14.9	63
5	Effects of charged interfaces on electrolyte decomposition at the lithium metal anode. Journal of Power Sources, 2020, 472, 228449.	7.8	41
6	Charge Delocalization on BO₄^{â€“} Centers to Improve Conductivity on Single Lithium Ion Conducting Polymer Electrolytes: A Computational/Experimental Approach. Journal of Physical Chemistry C, 2019, 123, 17686-17694.	3.1	36
7	Charge-mediated cation deposition on metallic surfaces. Journal of Materials Chemistry A, 2019, 7, 8527-8539.	10.3	13
8	Self-Supported Hydrous Iridiumâ€“Nickel Oxide Two-Dimensional Nanoframes for High Activity Oxygen Evolution Electrocatalysts. ACS Catalysis, 2018, 8, 10498-10520.	11.2	103
9	Exploring interfacial stability of solid-state electrolytes at the lithium-metal anode surface. Journal of Power Sources, 2018, 396, 782-790.	7.8	73
10	In Situ Chemical Imaging of Solid-Electrolyte Interphase Layer Evolution in Liâ€“S Batteries. Chemistry of Materials, 2017, 29, 4728-4737.	6.7	147
11	Effects of High and Low Salt Concentration in Electrolytes at Lithiumâ€“Metal Anode Surfaces. Journal of Physical Chemistry C, 2017, 121, 182-194.	3.1	128
12	Elucidating electrolyte decomposition under electron-rich environments at the lithium-metal anode. Physical Chemistry Chemical Physics, 2017, 19, 30861-30873.	2.8	65
13	In situ optical measurement of the rapid Li intercalation and deintercalation dynamics in colloidal 2D layered TiS₂nanodiscs. Nanoscale, 2016, 8, 11248-11255.	5.6	5
14	Anisotropic Electronâ€“Phonon Coupling in Colloidal Layered TiS₂ Nanodiscs Observed via Coherent Acoustic Phonons. Journal of Physical Chemistry C, 2015, 119, 7436-7442.	3.1	11
15	Reactivity at the Lithiumâ€“Metal Anode Surface of Lithiumâ€“Sulfur Batteries. Journal of Physical Chemistry C, 2015, 119, 26828-26839.	3.1	140