

Juan D Forero-Saboya

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4025366/publications.pdf>

Version: 2024-02-01

15
papers

422
citations

1163117

8
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

519
citing authors

#	ARTICLE	IF	CITATIONS
1	Elucidation of the redox activity of Ca ₂ MnO _{3.5} and CaV ₂ O ₄ in calcium batteries using operando XRD: charge compensation mechanism and reversibility. <i>Energy Storage Materials</i> , 2022, 47, 354-364.	18.0	7
2	Interfaces and Interphases in Ca and Mg Batteries. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	22
3	A boron-based electrolyte additive for calcium electrodeposition. <i>Electrochemistry Communications</i> , 2021, 124, 106936.	4.7	14
4	On the Parameters Affecting Calcium Plating and Stripping from Organic Electrolytes “ Cases of Electrolyte Optimization. <i>ECS Meeting Abstracts</i> , 2021, MA2021-01, 419-419.	0.0	0
5	Solid Electrolyte Interphase for Ca Metal Batteries. <i>ECS Meeting Abstracts</i> , 2021, MA2021-01, 306-306.	0.0	0
6	2021 roadmap for sodium-ion batteries. <i>JPhys Energy</i> , 2021, 3, 031503.	5.3	125
7	Towards dry and contaminant free Ca(BF ₄) ₂ -based electrolytes for Ca plating. <i>Journal of Power Sources Advances</i> , 2020, 6, 100032.	5.1	7
8	Understanding the nature of the passivation layer enabling reversible calcium plating. <i>Energy and Environmental Science</i> , 2020, 13, 3423-3431.	30.8	60
9	Towards Dry and Contaminant Free Ca(BF ₄) ₂ Based Electrolyte for Ca Metal Anode Based Batteries. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 208-208.	0.0	0
10	Electrolyte, Solvation Shell and Interphase for Ca and Mg Metal Anode Based Batteries. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 178-178.	0.0	0
11	Water-in-Bisalt Electrolyte with Record Salt Concentration and Widened Electrochemical Stability Window. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4942-4946.	4.6	29
12	Methods and Protocols for Reliable Electrochemical Testing in Post-Li Batteries (Na, K, Mg, and Ca). <i>Chemistry of Materials</i> , 2019, 31, 8613-8628.	6.7	92
13	Solvent-free lithium and sodium containing electrolytes based on pseudo-delocalized anions. <i>Chemical Communications</i> , 2019, 55, 632-635.	4.1	9
14	Cation Solvation and Physicochemical Properties of Ca Battery Electrolytes. <i>Journal of Physical Chemistry C</i> , 2019, 123, 29524-29532.	3.1	57
15	Study of SEI Components Enabling Calcium Metal Plating and Stripping. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0