

Juan D Forero-Saboya

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

422
citations

1163117

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1372567

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g-index

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all docs

15
docs citations

15
times ranked

519
citing authors

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