

Aroa R Mainar

List of Publications by Year in descending order

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933447

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times ranked

1181
citing authors

#	ARTICLE	IF	CITATIONS
1	High performance secondary zinc-air/silver hybrid battery. Journal of Energy Storage, 2021, 33, 102103.	8.1	13
2	Reduction of Grain Boundary Resistance of La _{0.5} Li _{0.5} TiO ₃ by the Addition of Organic Polymers. Nanomaterials, 2021, 11, 61.	4.1	4
3	New Insights of Zn ²⁺ /Li ⁺ Hybrid Aqueous Batteries. Energy Technology, 2020, 8, 2000476.	3.8	6
4	Designing a manganese oxide bifunctional air electrode for aqueous chloride-based electrolytes in secondary zinc-air batteries. Electrochimica Acta, 2019, 320, 134557.	5.2	28
5	Towards rechargeable zinc–air batteries with aqueous chloride electrolytes. Journal of Materials Chemistry A, 2019, 7, 11387-11399.	10.3	50
6	Improving the Safety of Lithium-Ion Battery via a Redox Shuttle Additive 2,5-Di- <i>tert</i> -butyl-1,4-bis(2-methoxyethoxy)benzene (DBBB). ACS Applied Materials & Interfaces, 2018, 10, 9216-9219.	8.0	20
7	An overview of progress in electrolytes for secondary zinc-air batteries and other storage systems based on zinc. Journal of Energy Storage, 2018, 15, 304-328.	8.1	290
8	A brief overview of secondary zinc anode development: The key of improving zinc-based energy storage systems. International Journal of Energy Research, 2018, 42, 903-918.	4.5	113
9	Enhancing the Cycle Life of a Zinc–Air Battery by Means of Electrolyte Additives and Zinc Surface Protection. Batteries, 2018, 4, 46.	4.5	37
10	Systematic cycle life assessment of a secondary zinc–air battery as a function of the alkaline electrolyte composition. Energy Science and Engineering, 2018, 6, 174-186.	4.0	43
11	Alkaline aqueous electrolytes for secondary zinc-air batteries: an overview. International Journal of Energy Research, 2016, 40, 1032-1049.	4.5	226
12	Manganese oxide catalysts for secondary zinc air batteries: from electrocatalytic activity to bifunctional air electrode performance. Electrochimica Acta, 2016, 217, 80-91.	5.2	88