Ryohei Mori

List of Publications by Year
in descending order

16 papers	414 citations	759233 12 h-index	940533 16 g-index
16 all docs	16 docs citations	16 times ranked	448 citing authors

#	Article	IF	Citations
1	Recent Developments for Aluminumâ€“Air Batteries. Electrochemical Energy Reviews, 2020, 3, 344-369.	25.5	96
2	Electrochemical properties of a rechargeable aluminumâ€“air battery with a metalâ€“organic framework as air cathode material. RSC Advances, 2017, 7, 6389-6395.	3.6	53
3	All solid state rechargeable aluminumâ€“air battery with deep eutectic solvent based electrolyte and suppression of byproducts formation. RSC Advances, 2019, 9, 22220-22226.	3.6	35
4	Addition of Ceramic Barriers to Aluminumâ€“Air Batteries to Suppress By-product Formation on Electrodes. Journal of the Electrochemical Society, 2015, 162, A288-A294.	2.9	32
5	A novel aluminiumâ€“air secondary battery with long-term stability. RSC Advances, 2014, 4, 1982-1987.	3.6	31
6	A new structured aluminiumâ€“air secondary battery with a ceramic aluminium ion conductor. RSC Advances, 2013, 3, 11547.	3.6	30
7	A novel aluminiumâ€“Air rechargeable battery with Al₂O₃ as the buffer to suppress byproduct accumulation directly onto an aluminium anode and air cathode. RSC Advances, 2014, 4, 30346-30351.	3.6	28
8	Organic solvent based TiO2 dispersion paste for dye-sensitized solar cells prepared by industrial production level procedure. Journal of Materials Science, 2011, 46, 1341-1350.	3.7	27
9	Inorganicâ€“organic hybrid biodegradable polyurethane resin derived from liquefied Sakura wood. Wood Science and Technology, 2015, 49, 507-516.	3.2	17
10	Capacity recovery of aluminiumâ€“air battery by refilling salty water with cell structure modification. Journal of Applied Electrochemistry, 2015, 45, 821-829.	2.9	14
11	Suppression of byproduct accumulation in rechargeable aluminumâ€“air batteries using non-oxide ceramic materials as air cathode materials. Sustainable Energy and Fuels, 2017, 1, 1082-1089.	4.9	14
12	Fabrication of apatite-type lanthanum silicate films and anode supported solid oxide fuel cells using nano-sized printable paste. Journal of the European Ceramic Society, 2014, 34, 373-379.	5.7	13
13	Semi-rechargeable Aluminumâ€“Air Battery with a TiO2 Internal Layer with Plain Salt Water as an Electrolyte. Journal of Electronic Materials, 2016, 45, 3375-3382.	2.2	8
14	Rechargeable Aluminumâ€“Air Battery Using Various Air-Cathode Materials and Suppression of Byproducts Formation on Both Anode and Air Cathode. ECS Transactions, 2017, 80, 377-393.	0.5	7
15	Semi-solid-state aluminiumâ€“air batteries with electrolytes composed of aluminium chloride hydroxide with various hydrophobic additives. Physical Chemistry Chemical Physics, 2018, 20, 29983-29988.	2.8	5
16	Lithium Ion Secondary Cell Prepared by a Printing Procedure, and Its Application to All-Solid-State Inorganic Lithium Ion Cells. Journal of Electronic Materials, 2014, 43, 1166-1173.	2.2	4