

# Ryohei Mori

## List of Publications by Year in descending order

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papers

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