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List of Publications by Year in descending order

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16
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#	ARTICLE	IF	CITATIONS
1	Pure bulk ion-conducting membrane for high-energy-density batteries. <i>Journal of Power Sources</i> , 2021, 482, 229025.	7.8	1
2	One step in situ growth to spinning of biaxially multilayered CNT web electrode for long cycling Li-O_2 batteries. <i>Carbon</i> , 2021, 182, 318-326.	10.3	7
3	Simple scalable processing method for a polymer/inorganic hybridized electrolyte. <i>Composites Science and Technology</i> , 2020, 197, 108249.	7.8	1
4	Ethylene oxide-based polymer electrolytes with fluoroalkyl moieties for stable lithium metal batteries. <i>Ionics</i> , 2020, 26, 4795-4802.	2.4	3
5	Improvement of preparation process for Li-ion conducting membranes composed of monolayered inorganic electrolyte particles and insulating polymer matrix. <i>Solid State Ionics</i> , 2019, 341, 115037.	2.7	1
6	Nonconjugated Redox-Active Polymer Mediators for Rapid Electrocatalytic Charging of Lithium Metal Oxides. <i>ACS Applied Energy Materials</i> , 2019, 2, 6375-6382.	5.1	27
7	A 1000 Wh kg^{-1} Li-Air battery: Cell design and performance. <i>Journal of Power Sources</i> , 2019, 419, 112-118.	7.8	32
8	Flexible free-standing air electrode with bimodal pore architecture for long-cycling Li-O_2 batteries. <i>Carbon</i> , 2017, 117, 454-461.	10.3	31
9	Ion-channel aligned gas-blocking membrane for lithium-air batteries. <i>Scientific Reports</i> , 2017, 7, 12037.	3.3	12
10	Keggin-type Polyoxometalates as Bidirectional Redox Mediators for Rechargeable Batteries. <i>Electrochemistry</i> , 2016, 84, 882-886.	1.4	18
11	Robust and efficient charge storage by uniform grafting of TEMPO radical polymer around multi-walled carbon nanotubes. <i>Journal of Materials Chemistry A</i> , 2013, 1, 2999.	10.3	46
12	Sequential and click-type postfunctionalization of regioregular poly(3-hexylthiophene) for realization of n-doped multiplet state. <i>Chemical Science</i> , 2013, 4, 345-350.	7.4	17
13	Aqueous Electrochemistry of Poly(vinylanthraquinone) for Anode-Active Materials in High-Density and Rechargeable Polymer/Air Batteries. <i>Journal of the American Chemical Society</i> , 2011, 133, 19839-19843.	13.7	206
14	Functionalization of poly(4-chloromethylstyrene) with anthraquinone pendants for organic anode-active materials. <i>Polymers for Advanced Technologies</i> , 2011, 22, 1242-1247.	3.2	62
15	Radical Polymer-Wrapped SWNTs at a Molecular Level: High-Rate Redox Mediation Through a Percolation Network for a Transparent Charge-Storage Material. <i>Advanced Materials</i> , 2011, 23, 4440-4443.	21.0	103
16	Redox-active polyimide/carbon nanocomposite electrodes for reversible charge storage at negative potentials: expanding the functional horizon of polyimides. <i>Journal of Materials Chemistry</i> , 2010, 20, 5404.	6.7	83