

Rui Sun

List of Publications by Year in descending order

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11
papers

178
citations

1307594

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1281871

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docs citations

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times ranked

264
citing authors

#	ARTICLE	IF	CITATIONS
1	Modifying the Electrocatalyst-Ionomer Interface via Sulfonated Poly(ionic liquid) Block Copolymers to Enable High-Performance Polymer Electrolyte Fuel Cells. <i>ACS Energy Letters</i> , 2020, 5, 1726-1731.	17.4	50
2	Synthesis and High Alkaline Chemical Stability of Polyionic Liquids with Methylpyrrolidinium, Methylpiperidinium, Methylazepanium, Methylazocanium, and Methylazonanium Cations. <i>ACS Macro Letters</i> , 2019, 8, 540-545.	4.8	29
3	Hydroxide conducting polymerized ionic liquid pentablock terpolymer anion exchange membranes with methylpyrrolidinium cations. <i>Polymer</i> , 2018, 134, 221-226.	3.8	26
4	Lithium ion conducting polymerized ionic liquid pentablock terpolymers as solid-state electrolytes. <i>Polymer</i> , 2019, 161, 128-138.	3.8	16
5	Sulfonated pentablock terpolymers as membranes and ionomers in hydrogen fuel cells. <i>Journal of Membrane Science</i> , 2021, 633, 119330.	8.2	15
6	Lithium-Ion Transport in Poly(ionic liquid) Diblock Copolymer Electrolytes: Impact of Salt Concentration and Cation and Anion Chemistry. <i>Macromolecules</i> , 2021, 54, 8780-8797.	4.8	13
7	Impact of ionic liquid on lithium ion battery with a solid poly(ionic liquid) pentablock terpolymer as electrolyte and separator. <i>Polymer</i> , 2020, 209, 122975.	3.8	11
8	Characterization of a Sulfonated Poly(Ionic Liquid) Block Copolymer as an Ionomer for Proton Exchange Membrane Fuel Cells using Rotating Disk Electrode. <i>Journal of the Electrochemical Society</i> , 2021, 168, 124511.	2.9	6
9	Dehumidification via polymer electrolyte membrane electrolysis with sulfonated pentablock terpolymer. <i>Journal of Membrane Science</i> , 2022, 658, 120709.	8.2	6
10	Nitrogen-doped carbons derived from poly(ionic liquid)s with various backbones and cations. <i>Polymer International</i> , 2019, 68, 1599-1609.	3.1	5
11	3D patterned electrodes for ultra-low platinum fuel cells. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 8993-9003.	7.1	1