

Shi Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4948208/publications.pdf>

Version: 2024-02-01

12
papers

365
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1040056

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12
times ranked

417
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellulose Microcrystals with Brush-Like Architectures as Flexible All-Solid-State Polymer Electrolyte for Lithium-Ion Battery. ACS Sustainable Chemistry and Engineering, 2020, 8, 3200-3207.	6.7	71
2	Six-arm star polymer based on discotic liquid crystal as high performance all-solid-state polymer electrolyte for lithium-ion batteries. Journal of Power Sources, 2018, 395, 137-147.	7.8	50
3	Constructing stable ordered ion channels for a solid electrolyte membrane with high ionic conductivity by combining the advantages of liquid crystal and ionic liquid. Journal of Materials Chemistry A, 2019, 7, 1069-1075.	10.3	47
4	The synthesis of a hyperbranched star polymeric ionic liquid and its application in a polymer electrolyte. Polymer Chemistry, 2017, 8, 3177-3185.	3.9	42
5	A nitrogen-containing all-solid-state hyperbranched polymer electrolyte for superior performance lithium batteries. Journal of Materials Chemistry A, 2019, 7, 6801-6808.	10.3	40
6	Ordered mesogenic units-containing hyperbranched star liquid crystal all-solid-state polymer electrolyte for high-safety lithium-ion batteries. Electrochimica Acta, 2018, 259, 213-224.	5.2	35
7	Topological polymer electrolyte containing poly(pinacol vinylboronate) segments composited with ceramic nanowires towards ambient-temperature superior performance all-solid-state lithium batteries. Journal of Power Sources, 2019, 413, 318-326.	7.8	22
8	High electrochemical performances of solid nano-composite star polymer electrolytes enhanced by different carbon nanomaterials. Composites Science and Technology, 2017, 152, 68-75.	7.8	20
9	Polyimide-Based Self-Standing Polymer Electrolyte Membrane for Lithium-Ion Batteries. Energy Technology, 2018, 6, 326-332.	3.8	17
10	<i>In-Situ</i> Construction of Ceramic-Polymer All-Solid-State Electrolytes for High-Performance Room-Temperature Lithium Metal Batteries. , 2022, 4, 1297-1305.		13
11	Ion transport in topological all-solid-state polymer electrolyte improved via graphene oxide. Journal of Applied Polymer Science, 2021, 138, 50173.	2.6	6
12	Bis(tri-2-pyridylamine)nickel(II) bis(perchlorate). Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m78-m78.	0.2	2