

Yu Kambe

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

260
citations

1040056

9
h-index

1474206

9
g-index

13
all docs

13
docs citations

13
times ranked

442
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding Ion Mobility in P2VP/NMP+Li ⁺ Polymer Electrolytes: A Combined Simulation and Experimental Study. <i>Macromolecules</i> , 2020, 53, 2783-2792.	4.8	12
2	Role of Defects in Ion Transport in Block Copolymer Electrolytes. <i>Nano Letters</i> , 2019, 19, 4684-4691.	9.1	48
3	Nanofilm conductivity measurements reveal interfacial influence on ion transport in polymer electrolytes. <i>Molecular Systems Design and Engineering</i> , 2019, 4, 597-608.	3.4	16
4	Ionic conductivity and counterion condensation in nanoconfined polycation and polyanion brushes prepared from block copolymer templates. <i>Molecular Systems Design and Engineering</i> , 2019, 4, 365-378.	3.4	13
5	Sculpted grain boundaries in soft crystals. <i>Science Advances</i> , 2019, 5, eaax9112.	10.3	18
6	Interrogation of Electrochemical Properties of Polymer Electrolyte Thin Films with Interdigitated Electrodes. <i>Journal of the Electrochemical Society</i> , 2018, 165, H1028-H1039.	2.9	35
7	Thin Film Ion Transport and Morphology of Poly(ethylene oxide) and Lithium Salt Mixtures. <i>ECS Meeting Abstracts</i> , 2018, , .	0.0	0
8	Ion Transport in Microphase Separating Polymer Thin Films. <i>ECS Meeting Abstracts</i> , 2018, , .	0.0	0
9	Interconnected ionic domains enhance conductivity in microphase separated block copolymer electrolytes. <i>Journal of Materials Chemistry A</i> , 2017, 5, 5619-5629.	10.3	50
10	Ion Conduction in Microphase-Separated Block Copolymer Electrolytes. <i>Electrochemical Society Interface</i> , 2017, 26, 61-67.	0.4	23
11	Perpendicularly Aligned, Anion Conducting Nanochannels in Block Copolymer Electrolyte Films. <i>Chemistry of Materials</i> , 2016, 28, 1377-1389.	6.7	45
12	Ion Conducting Conduits with a Tortuosity of One from One Electrode to Another: The Role of Domain Connectivity and Tortuosity on Ion Conductivity in Block Copolymer Electrolyte Thin Films. <i>ECS Meeting Abstracts</i> , 2016, , .	0.0	0
13	Realizing the Potential of Micro-Phase Separated Block Copolymer Electrolytes: Ion Domain Connectivity Plays a Prominent Role in Ion Conduction. <i>ECS Meeting Abstracts</i> , 2016, , .	0.0	0