

Lirong Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

268
citations

1307594

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h-index

1372567

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g-index

10
all docs

10
docs citations

10
times ranked

163
citing authors

#	ARTICLE	IF	CITATIONS
1	High-entropy polymer produces a giant electrocaloric effect at low fields. <i>Nature</i> , 2021, 600, 664-669.	27.8	121
2	Phase Transition from Tetragonal Form II to Hexagonal Form I of Butene-1/4-Methyl-1-pentene Random Copolymers: Molecular Factor versus Stretching Stimuli. <i>Macromolecules</i> , 2019, 52, 1188-1199.	4.8	49
3	Stretching-induced phase transition of the butene-1/ethylene random copolymer: Orientation and kinetics. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019, 57, 116-126.	2.1	31
4	Solid-Like Nano-Anion Cluster Constructs a Free Lithium-Ion-Conducting Superfluid Framework in a Water-in-Salt Electrolyte. <i>Journal of Physical Chemistry C</i> , 2021, 125, 11838-11847.	3.1	17
5	Interplay between Macroscopic Stretching and Microscopic Phase Transition Revealed in Butene-1/1,5-Hexadiene Random Copolymers. <i>Macromolecules</i> , 2020, 53, 2145-2156.	4.8	11
6	Stretching behavior of the butene-1/ethylene random copolymer: A direct correspondence between triggering of β phase transition and mechanical yielding. <i>Polymer Crystallization</i> , 2019, 2, e10052.	0.8	10
7	Loosely-packed dynamical structures with partially-melted surface being the key for thermophilic argonaute proteins achieving high DNA-cleavage activity. <i>Nucleic Acids Research</i> , 2022, 50, 7529-7544.	14.5	9
8	Concomitant Crystallization in Propylene/Ethylene Random Copolymer with Strong Flow at Elevated Temperatures. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 6870-6877.	3.7	8
9	The Dynamics of Hydrated Proteins Are the Same as Those of Highly Asymmetric Mixtures of Two Glass-Formers. <i>ACS Omega</i> , 2021, 6, 340-347.	3.5	7
10	Universal dynamical onset in water at distinct material interfaces. <i>Chemical Science</i> , 2022, 13, 4341-4351.	7.4	5