Lirong Zheng

List of Publications by Year
in descending order

10 papers	268 citations	1307594 7 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	163 citing authors

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