

Nanqi Bao

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

250
citations

1307594

7
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

257
citing authors

#	ARTICLE	IF	CITATIONS
1	Linear Viscoelasticity and Dielectric Spectroscopy of Ionomer/Plasticizer Mixtures: A Transition from Ionomer to Polyelectrolyte. <i>Macromolecules</i> , 2015, 48, 8240-8252.	4.8	49
2	Liquid Crystals with Interfacial Ordering that Enhances Responsiveness to Chemical Targets. <i>Advanced Materials</i> , 2018, 30, e1706707.	21.0	43
3	Redox-Triggered Orientational Responses of Liquid Crystals to Chlorine Gas. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9665-9669.	13.8	39
4	The role of anions in adsorbate-induced anchoring transitions of liquid crystals on surfaces with discrete cation binding sites. <i>Soft Matter</i> , 2018, 14, 797-805.	2.7	27
5	Plasticizing Li single-ion conductors with low-volatility siloxane copolymers and oligomers containing ethylene oxide and cyclic carbonates. <i>Journal of Materials Chemistry A</i> , 2015, 3, 21269-21276.	10.3	24
6	Amplification of Elementary Surface Reaction Steps on Transition Metal Surfaces Using Liquid Crystals: Dissociative Adsorption and Dehydrogenation. <i>Journal of the American Chemical Society</i> , 2019, 141, 16003-16013.	13.7	18
7	Redox-Triggered Orientational Responses of Liquid Crystals to Chlorine Gas. <i>Angewandte Chemie</i> , 2018, 130, 9813-9817.	2.0	11
8	New room temperature nematogens by cyano tail termination of alkoxy and alkylcyanobiphenyls and their anchoring behavior on metal salt-decorated surface. <i>Liquid Crystals</i> , 2020, 47, 540-556.	2.2	10
9	Designing chemically selective liquid crystalline materials that respond to oxidizing gases. <i>Journal of Materials Chemistry C</i> , 2021, 9, 6507-6517.	5.5	9
10	Influence of multifluorophenoxy terminus on the mesomorphism of the alkoxy and alkyl cyanobiphenyl compounds in search of new ambient nematic liquid crystals and mixtures. <i>Liquid Crystals</i> , 2021, 48, 672-688.	2.2	8
11	Coupling the chemical reactivity of bimetallic surfaces to the orientations of liquid crystals. <i>Materials Horizons</i> , 2021, 8, 2050-2056.	12.2	8
12	Design of Chemoresponsive Soft Matter Using Hydrogen-Bonded Liquid Crystals. <i>Materials</i> , 2021, 14, 1055.	2.9	4