

Kunyue Xing

List of Publications by Year in descending order

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papers

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840776

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14
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citing authors

#	ARTICLE	IF	CITATIONS
1	Superstretchable, Self-Healing Polymeric Elastomers with Tunable Properties. <i>Advanced Functional Materials</i> , 2018, 28, 1800741.	14.9	162
2	Effect of Binder Architecture on the Performance of Silicon/Graphite Composite Anodes for Lithium Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 3470-3478.	8.0	77
3	Impact of Hydrogen Bonding on Dynamics of Hydroxyl-Terminated Polydimethylsiloxane. <i>Macromolecules</i> , 2016, 49, 3138-3147.	4.8	55
4	Hydrogen-bond strength changes network dynamics in associating telechelic PDMS. <i>Soft Matter</i> , 2018, 14, 1235-1246.	2.7	43
5	The Role of Chain-End Association Lifetime in Segmental and Chain Dynamics of Telechelic Polymers. <i>Macromolecules</i> , 2018, 51, 8561-8573.	4.8	42
6	Elastic Single-Ion Conducting Polymer Electrolytes: Toward a Versatile Approach for Intrinsically Stretchable Functional Polymers. <i>Macromolecules</i> , 2020, 53, 3591-3601.	4.8	41
7	Viscoelasticity in associating oligomers and polymers: experimental test of the bond lifetime renormalization model. <i>Soft Matter</i> , 2020, 16, 390-401.	2.7	40
8	Robust and Elastic Polymer Membranes with Tunable Properties for Gas Separation. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 26483-26491.	8.0	32
9	What dielectric spectroscopy can tell us about supramolecular networks. <i>European Physical Journal E</i> , 2019, 42, 133.	1.6	30
10	Critical Role of the Interfacial Layer in Associating Polymers with Microphase Separation. <i>Macromolecules</i> , 2021, 54, 4246-4256.	4.8	22
11	Rational Polymer Design of Stretchable Poly(ionic liquid) Membranes for Dual Applications. <i>Macromolecules</i> , 2021, 54, 896-905.	4.8	19
12	Turning Rubber into a Glass: Mechanical Reinforcement by Microphase Separation. <i>ACS Macro Letters</i> , 2021, 10, 197-202.	4.8	12
13	Simple-liquid dynamics emerging in the mechanical shear spectra of poly(propylene glycol). <i>Colloid and Polymer Science</i> , 2017, 295, 2433.	2.1	2
14	Polymer Dynamics in Nanostructured Environments: Structure-Property Relations Unraveled by Dielectric Spectroscopy. <i>ACS Symposium Series</i> , 2021, , 223-238.	0.5	1