

# Kunyue Xing

## List of Publications by Year in descending order

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