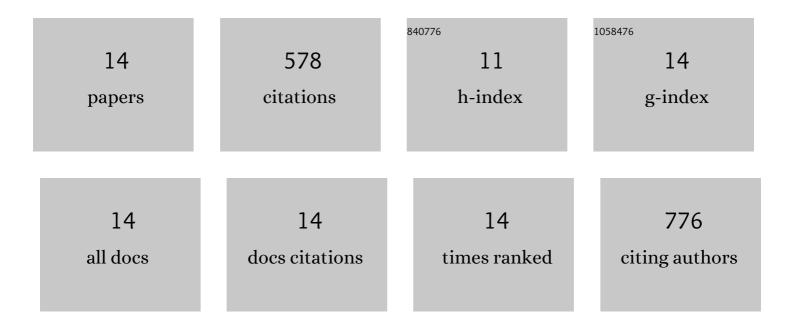
Kunyue Xing

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5721381/publications.pdf Version: 2024-02-01



KUNVUE XINC

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Superstretchable, Selfâ€Healing Polymeric Elastomers with Tunable Properties. Advanced Functional Materials, 2018, 28, 1800741. | 14.9 | 162 |
| 2 | 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 |
| 3 | Impact of Hydrogen Bonding on Dynamics of Hydroxyl-Terminated Polydimethylsiloxane. Macromolecules, 2016, 49, 3138-3147. | 4.8 | 55 |
| 4 | Hydrogen-bond strength changes network dynamics in associating telechelic PDMS. Soft Matter, 2018, 14, 1235-1246. | 2.7 | 43 |
| 5 | The Role of Chain-End Association Lifetime in Segmental and Chain Dynamics of Telechelic Polymers. Macromolecules, 2018, 51, 8561-8573. | 4.8 | 42 |
| 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 | Viscoelasticity in associating oligomers and polymers: experimental test of the bond lifetime renormalization model. Soft Matter, 2020, 16, 390-401. | 2.7 | 40 |
| 8 | Robust and Elastic Polymer Membranes with Tunable Properties for Gas Separation. ACS Applied Materials & Interfaces, 2017, 9, 26483-26491. | 8.0 | 32 |
| 9 | What dielectric spectroscopy can tell us about supramolecular networks⋆. European Physical Journal E, 2019, 42, 133. | 1.6 | 30 |
| 10 | Critical Role of the Interfacial Layer in Associating Polymers with Microphase Separation. Macromolecules, 2021, 54, 4246-4256. | 4.8 | 22 |
| 11 | Rational Polymer Design of Stretchable Poly(ionic liquid) Membranes for Dual Applications. Macromolecules, 2021, 54, 896-905. | 4.8 | 19 |
| 12 | Turning Rubber into a Glass: Mechanical Reinforcement by Microphase Separation. ACS Macro Letters, 2021, 10, 197-202. | 4.8 | 12 |
| 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 | Polymer Dynamics in Nanostructured Environments: Structure-Property Relations Unraveled by Dielectric Spectroscopy. ACS Symposium Series, 2021, , 223-238. | 0.5 | 1 |