

# Lili Liu

## List of Publications by Year in descending order

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15  
papers

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citations

1163117

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1058476

14  
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docs citations

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times ranked

311  
citing authors

#	ARTICLE	IF	CITATIONS
1	A stretchable polysiloxane elastomer with self-healing capacity at room temperature and solvatochromic properties. <i>Chemical Communications</i> , 2017, 53, 12088-12091.	4.1	59
2	Coordinated silicon elastomer coating@fabrics with oil/water separation capabilities, outstanding durability and ultra-fast room-temperature self-healing ability. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17156-17163.	10.3	50
3	Imidazolium-based ionic polyurethanes with high toughness, tunable healing efficiency and antibacterial activities. <i>Polymer Chemistry</i> , 2020, 11, 867-875.	3.9	45
4	Preparation of highly transparent, room-temperature self-healing and recyclable silicon elastomers based on dynamic imine bond and their ion responsive properties. <i>Materials Letters</i> , 2020, 268, 127598.	2.6	30
5	Stretchable dual cross-linked silicon elastomer with a superhydrophobic surface and fast triple self-healing ability at room temperature. <i>Soft Matter</i> , 2021, 17, 4643-4652.	2.7	17
6	Low dielectric constant benzocyclobutene organosilicon resins constructed from cyclotetrasiloxane. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47465.	2.6	13
7	Recovery of the self-cleaning property of silicon elastomers utilizing the concept of reversible coordination bonds. <i>Soft Matter</i> , 2020, 16, 8473-8481.	2.7	13
8	Development of a Strong, Recyclable Poly(dimethylsiloxane) Elastomer with Autonomic Self-Healing Capabilities and Fluorescence Response Properties at Room Temperature. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100132.	3.6	11
9	Porous coordination/covalent hybridized polymers synthesized from pyridine zinc coordination compound and their CO <sub>2</sub> capture ability, fluorescence and selective response properties. <i>Chemical Communications</i> , 2018, 54, 12025-12028.	4.1	8
10	Preparation of Superhydrophobic Fabrics via Chemical Self-Healing Strategy and Their High Oil/Water Separation Performance and Enhanced Durability. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 1900356.	2.2	7
11	A Highly Stretchable and Self-Healing Composite Binder Based on the Hydrogen Bond Network for Silicon Anodes in High-Energy-Density Lithium-Ion Batteries. <i>ChemElectroChem</i> , 2022, 9, .	3.4	6
12	Recyclability and selective fluorescence/colorimetric sensing properties of fluorescent porous materials synthesized by the copolymerization of 4-vinylpyridine zinc and divinylbenzene. <i>Sensors and Actuators B: Chemical</i> , 2021, 329, 129102.	7.8	5
13	Reprocessable and recyclable styrene-based resins with low dielectric and good mechanical properties. <i>RSC Advances</i> , 2018, 8, 36441-36444.	3.6	3
14	Reprocessable low-dielectric styrene resins with coordination bonds: the effect of metal centers on low dielectric, mechanical, and reprocessing properties. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2021, 58, 622-629.	2.2	2
15	Low dielectric styrene-based resins with enhanced mechanical properties via introducing coordination bonds. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2020, 57, 165-169.	2.2	0