

Tianyu Li

List of Publications by Year in descending order

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16
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319
citing authors

#	ARTICLE	IF	CITATIONS
1	Poly(lactic acid) Toughening through Chain End Engineering. ACS Applied Polymer Materials, 2020, 2, 411-417.	4.4	34
2	The effect of side-chain branch position on the thermal properties of poly(3-alkylthiophenes). Polymer Chemistry, 2020, 11, 517-526.	3.9	33
3	Preparation and photocatalytic degradation activity of TiO ₂ /rGO/polymer composites. Colloid and Polymer Science, 2015, 293, 1151-1157.	2.1	28
4	Decoupling Poly(3-alkylthiophenes)â€™ Backbone and Side-Chain Conformation by Selective Deuteration and Neutron Scattering. Macromolecules, 2020, 53, 11142-11152.	4.8	26
5	Toughening by Nanodroplets: Polymerâ€™ Droplet Biocomposite with Anomalous Toughness. Macromolecules, 2020, 53, 4568-4576.	4.8	25
6	Selectively Deuterated Poly(Îµ-caprolactone)s: Synthesis and Isotope Effects on the Crystal Structures and Properties. Macromolecules, 2018, 51, 9393-9404.	4.8	20
7	Chain flexibility and glass transition temperatures of poly(n-alkyl (meth)acrylate)s: Implications of tacticity and chain dynamics. Polymer, 2021, 213, 123207.	3.8	17
8	Effect of Polymer Topology on Microstructure, Segmental Dynamics, and Ionic Conductivity in PEO/PMMA-Based Solid Polymer Electrolytes. ACS Applied Polymer Materials, 2022, 4, 179-190.	4.4	14
9	Cavitation Enables Switchable and Rapid Block Polymer Exchange under High-Î±N Conditions. Macromolecules, 2018, 51, 6967-6975.	4.8	10
10	Isotope Effects on the Crystallization Kinetics of Selectively Deuterated Poly(Îµ-Caprolactone). Journal of Polymer Science, Part B: Polymer Physics, 2019, 57, 771-779.	2.1	9
11	Influence of NaCl on shape deformation of polymersomes. Soft Matter, 2021, 17, 4452-4463.	2.7	8
12	Squeezing Out Interfacial Solvation: The Role of Hydrogen-Bonding in the Structural and Orientational Freedom of Molecular Self-Assembly. Journal of Physical Chemistry Letters, 2022, 13, 2273-2280.	4.6	7
13	Alternating crystalline lamellar structures from thermodynamically miscible poly(Îµ-caprolactone) H/D blends. Polymer, 2019, 175, 320-328.	3.8	5
14	Chain arrangements of selectively deuterated poly(Îµ-caprolactone) copolymers as revealed by neutron scattering. Polymer, 2020, 193, 122375.	3.8	4