

# Wei Lu

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

532  
citations

933447

10  
h-index

1125743

13  
g-index

16  
all docs

16  
docs citations

16  
times ranked

875  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in thermoplastic elastomers from living polymerizations: Macromolecular architectures and supramolecular chemistry. <i>Progress in Polymer Science</i> , 2019, 95, 1-31.	24.7	186
2	Interfacial Properties of Polymer Nanocomposites: Role of Chain Rigidity and Dynamic Heterogeneity Length Scale. <i>Macromolecules</i> , 2017, 50, 2397-2406.	4.8	115
3	Exploring Anomalous Polarization Dynamics in Organometallic Halide Perovskites. <i>Advanced Materials</i> , 2018, 30, 1705298.	21.0	44
4	All acrylic-based thermoplastic elastomers with high upper service temperature and superior mechanical properties. <i>Polymer Chemistry</i> , 2017, 8, 5741-5748.	3.9	34
5	Poly(1-adamantyl acrylate): Living Anionic Polymerization, Block Copolymerization, and Thermal Properties. <i>Macromolecules</i> , 2016, 49, 9406-9414.	4.8	32
6	Metal/Ion Interactions Induced pπ-dπ Junction in Methylammonium Lead Triiodide Perovskite Single Crystals. <i>Journal of the American Chemical Society</i> , 2017, 139, 17285-17288.	13.7	32
7	Design and Synthesis of Multigraft Copolymer Thermoplastic Elastomers: Superelastomers. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700254.	2.2	25
8	All-acrylic superelastomers: facile synthesis and exceptional mechanical behavior. <i>Polymer Chemistry</i> , 2018, 9, 160-168.	3.9	18
9	Chain flexibility and glass transition temperatures of poly(n-alkyl (meth)acrylate)s: Implications of tacticity and chain dynamics. <i>Polymer</i> , 2021, 213, 123207.	3.8	17
10	Cucurbit[7]uril-Based Vesicles Formed by Self-assembly of Supramolecular Amphiphiles. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2085-2090.	4.9	11
11	Solution properties, unperturbed dimensions, and chain flexibility of poly(1-adamantyl acrylate). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017, 55, 1526-1531.	2.1	7
12	Thermoplastic Elastomers Based on Block, Graft, and Star Copolymers. , 0, , .		7
13	Anchored metallocene linear low-density polyethylene cellulose nanocrystal composites. <i>Polymer International</i> , 2021, 70, 564-572.	3.1	2
14	Effect of microstructure on chain flexibility and glass transition temperature of polybenzofulvene. <i>Polymer</i> , 2021, 212, 123276.	3.8	2
15	Impacts of High Resolution Data on Traveler Compliance Levels in Emergency Evacuation Simulations. <i>International Journal of Intelligent Transportation Systems Research</i> , 2017, 15, 108-116.	1.1	0