

Andrew N Keith

List of Publications by Year in descending order

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16
papers

800
citations

759055

12
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940416

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docs citations

16
times ranked

1127
citing authors

#	ARTICLE	IF	CITATIONS
1	Injectable bottlebrush hydrogels with tissue-mimetic mechanical properties. <i>Science Advances</i> , 2022, 8, eabm2469.	4.7	53
2	Chemistry and Properties of Cross-Linked All-Aromatic Hyperbranched Polyaryletherketones. <i>Macromolecules</i> , 2022, 55, 100-112.	2.2	5
3	Mechanically Diverse Gels with Equal Solvent Content. <i>ACS Central Science</i> , 2022, 8, 845-852.	5.3	10
4	Injectable non-leaching tissue-mimetic bottlebrush elastomers as an advanced platform for reconstructive surgery. <i>Nature Communications</i> , 2021, 12, 3961.	5.8	32
5	Regulating Tissue-Mimetic Mechanical Properties of Bottlebrush Elastomers by Magnetic Field. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 38783-38791.	4.0	6
6	Investigating the Stress-Strain Behavior in Ring-Opening Metathesis Polymerization-Based Brush Elastomers. <i>Macromolecules</i> , 2021, 54, 8365-8371.	2.2	12
7	To Mimic Mechanical Properties of the Skin by Inducing Oriented Nanofiber Microstructures in Bottlebrush Cellulose-graft-diblock Copolymer Elastomers. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 3278-3286.	4.0	24
8	Independently Tuning Elastomer Softness and Firmness by Incorporating Side Chain Mixtures into Bottlebrush Network Strands. <i>Macromolecules</i> , 2020, 53, 9306-9312.	2.2	15
9	Understanding the Synthesis of Linear Bottlebrush Linear Block Copolymers: Toward Elastomers with Well-Defined Mechanical Properties. <i>Macromolecules</i> , 2020, 53, 8324-8332.	2.2	19
10	Tissue-Mimetic Dielectric Actuators: Free-Standing, Stable, and Solvent-Free. <i>ACS Applied Polymer Materials</i> , 2020, 2, 1741-1745.	2.0	19
11	Bottlebrush Bridge between Soft Gels and Firm Tissues. <i>ACS Central Science</i> , 2020, 6, 413-419.	5.3	56
12	Degradable cellulose-based polymer brushes with controlled grafting densities. <i>Journal of Polymer Science Part A</i> , 2019, 57, 2426-2435.	2.5	16
13	Strained Bottlebrushes in Super-Soft Physical Networks. <i>ACS Macro Letters</i> , 2019, 8, 530-534.	2.3	32
14	Chameleon-like elastomers with molecularly encoded strain-adaptive stiffening and coloration. <i>Science</i> , 2018, 359, 1509-1513.	6.0	345
15	Drug Combination Synergy in Worm-like Polymeric Micelles Improves Treatment Outcome for Small Cell and Non-Small Cell Lung Cancer. <i>ACS Nano</i> , 2018, 12, 2426-2439.	7.3	132
16	Benefits of Catalyzed Radical Termination: High-Yield Synthesis of Polyacrylate Molecular Bottlebrushes without Gelation. <i>Macromolecules</i> , 2018, 51, 6218-6225.	2.2	24