

Matthew R Golder

List of Publications by Year in descending order

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14
papers

453
citations

840776

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1058476

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g-index

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all docs

15
docs citations

15
times ranked

536
citing authors

#	ARTICLE	IF	CITATIONS
1	Iterative Exponential Growth Synthesis and Assembly of Uniform Diblock Copolymers. <i>Journal of the American Chemical Society</i> , 2016, 138, 9369-9372.	13.7	107
2	Stereochemical Sequence Dictates Unimolecular Diblock Copolymer Assembly. <i>Journal of the American Chemical Society</i> , 2018, 140, 1596-1599.	13.7	61
3	Triply Loaded Nitroxide Brush-Arm Star Polymers Enable Metal-Free Millimetric Tumor Detection by Magnetic Resonance Imaging. <i>ACS Nano</i> , 2018, 12, 11343-11354.	14.6	56
4	Bottlebrush polymers with flexible enantiomeric side chains display differential biological properties. <i>Nature Chemistry</i> , 2022, 14, 85-93.	13.6	43
5	A Cyclic Ruthenium Benzylidene Initiator Platform Enhances Reactivity for Ring-Expansion Metathesis Polymerization. <i>Journal of the American Chemical Society</i> , 2021, 143, 7314-7319.	13.7	30
6	Advancing macromolecular hoop construction: recent developments in synthetic cyclic polymer chemistry. <i>Polymer Chemistry</i> , 2021, 12, 958-969.	3.9	28
7	Reduction of liver fibrosis by rationally designed macromolecular telmisartan prodrugs. <i>Nature Biomedical Engineering</i> , 2018, 2, 822-830.	22.5	26
8	Diaryliodonium salts facilitate metal-free mechanoredox free radical polymerizations. <i>Chemical Science</i> , 2022, 13, 4131-4138.	7.4	23
9	Brush-First and ROMP-Out with Functional (Macro)monomers: Method Development, Structural Investigations, and Applications of an Expanded Brush-Arm Star Polymer Platform. <i>Macromolecules</i> , 2018, 51, 9861-9870.	4.8	20
10	Organic Chemistry: A Retrosynthetic Approach to a Diverse Field. <i>ACS Central Science</i> , 2020, 6, 1845-1850.	11.3	18
11	Design of BET Inhibitor Bottlebrush Prodrugs with Superior Efficacy and Devoid of Systemic Toxicities. <i>Journal of the American Chemical Society</i> , 2021, 143, 4714-4724.	13.7	18
12	Controlled Polymerization of Norbornene Cycloparaphenylenes Expands Carbon Nanomaterials Design Space. <i>ACS Central Science</i> , 2021, 7, 1056-1065.	11.3	15
13	Ring-Expansion Metathesis Polymerization Initiator Design for the Synthesis of Cyclic Polymers. <i>Synlett</i> , 2022, 33, 699-704.	1.8	6
14	Transforming superabsorbant polymers to super sticky notes. <i>Trends in Chemistry</i> , 2021, 3, 895-897.	8.5	0