

Amit A Nagarkar

List of Publications by Year in descending order

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687363

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#	ARTICLE	IF	CITATIONS
1	Efficient Amine End-Functionalization of Living Ring-Opening Metathesis Polymers. <i>Macromolecules</i> , 2012, 45, 4447-4453.	4.8	53
2	Magnetic Levitation To Characterize the Kinetics of Free-Radical Polymerization. <i>Journal of the American Chemical Society</i> , 2017, 139, 18688-18697.	13.7	43
3	Catalytic living ring-opening metathesis polymerization. <i>Nature Chemistry</i> , 2015, 7, 718-723.	13.6	34
4	In Situ Nanoparticle Embedding for Authentication of Epoxy Composites. <i>Advanced Materials</i> , 2018, 30, e1801523.	21.0	32
5	Analysis of Powders Containing Illicit Drugs Using Magnetic Levitation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 874-881.	13.8	32
6	Degradable precision polynorbornenes via ring-opening metathesis polymerization. <i>Journal of Polymer Science Part A</i> , 2016, 54, 1236-1242.	2.3	29
7	Storing and Reading Information in Mixtures of Fluorescent Molecules. <i>ACS Central Science</i> , 2021, 7, 1728-1735.	11.3	29
8	A buckling-sheet ring oscillator for electronics-free, multimodal locomotion. <i>Science Robotics</i> , 2022, 7, eabg5812.	17.6	25
9	End functional ROMP polymers via degradation of a ruthenium Fischer type carbene. <i>Chemical Science</i> , 2014, 5, 4687-4692.	7.4	23
10	Tandem Ring-Opening/Ring-Closing Metathesis for Functional Metathesis Catalysts. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12343-12346.	13.8	23
11	Hydrophobic interpenetrating polyamide-PDMS membranes for desalination, pesticides removal and enhanced chlorine tolerance. <i>Chemosphere</i> , 2020, 258, 127179.	8.2	19
12	Density Modulation of Embedded Nanoparticles via Spatial, Temporal, and Chemical Control Elements. <i>Advanced Materials</i> , 2019, 31, e1901802.	21.0	18
13	Nanocomposite of functional silver metal containing curcumin biomolecule model systems: Protein BSA bioavailability. <i>Journal of Inorganic Biochemistry</i> , 2020, 212, 111210.	3.5	16
14	“Shape-Coding” Morphology-Based Information System for Polymers and Composites. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 27555-27561.	8.0	12
15	AgQDs employing black box synthetic strategy: Photocatalytic and biological behavior. <i>Journal of Luminescence</i> , 2019, 212, 133-140.	3.1	11
16	Elastic-instability-enabled locomotion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	11
17	Analysis of Powders Containing Illicit Drugs Using Magnetic Levitation. <i>Angewandte Chemie</i> , 2020, 132, 884-891.	2.0	4
18	Tandem Ring-Opening/Ring-Closing Metathesis for Functional Metathesis Catalysts. <i>Angewandte Chemie</i> , 2016, 128, 12531-12534.	2.0	2

#	ARTICLE	IF	CITATIONS
19	Transient anions of cis- and trans-cyclooctene studied by electron-impact spectroscopy. Physical Chemistry Chemical Physics, 2015, 17, 4696-4700.	2.8	1
20	Analysis of Powders Containing Illicit Drugs Using Magnetic Levitation (Angew. Chem.)	2.0	0