

Amit A Nagarkar

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

420
citations

687363

13
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

407
citing authors

#	ARTICLE	IF	CITATIONS
1	A buckling-sheet ring oscillator for electronics-free, multimodal locomotion. <i>Science Robotics</i> , 2022, 7, eabg5812.	17.6	25
2	Elastic-instability-enabled locomotion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	11
3	Storing and Reading Information in Mixtures of Fluorescent Molecules. <i>ACS Central Science</i> , 2021, 7, 1728-1735.	11.3	29
4	Analysis of Powders Containing Illicit Drugs Using Magnetic Levitation. <i>Angewandte Chemie</i> , 2020, 132, 884-891.	2.0	4
5	Analysis of Powders Containing Illicit Drugs Using Magnetic Levitation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 874-881.	13.8	32
6	Rücktitelbild: Analysis of Powders Containing Illicit Drugs Using Magnetic Levitation (<i>Angew. Chem.</i>)	2.0	0
7	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
8	Hydrophobic interpenetrating polyamide-PDMS membranes for desalination, pesticides removal and enhanced chlorine tolerance. <i>Chemosphere</i> , 2020, 258, 127179.	8.2	19
9	Shape-Coding Morphology-Based Information System for Polymers and Composites. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 27555-27561.	8.0	12
10	Density Modulation of Embedded Nanoparticles via Spatial, Temporal, and Chemical Control Elements. <i>Advanced Materials</i> , 2019, 31, e1901802.	21.0	18
11	AgQDs employing black box synthetic strategy: Photocatalytic and biological behavior. <i>Journal of Luminescence</i> , 2019, 212, 133-140.	3.1	11
12	In Situ Nanoparticle Embedding for Authentication of Epoxy Composites. <i>Advanced Materials</i> , 2018, 30, e1801523.	21.0	32
13	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
14	Degradable precision polynorbornenes via ring-opening metathesis polymerization. <i>Journal of Polymer Science Part A</i> , 2016, 54, 1236-1242.	2.3	29
15	Tandem Ring-Opening Ring-Closing Metathesis for Functional Metathesis Catalysts. <i>Angewandte Chemie</i> , 2016, 128, 12531-12534.	2.0	2
16	Tandem Ring-Opening Ring-Closing Metathesis for Functional Metathesis Catalysts. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12343-12346.	13.8	23
17	Transient anions of cis- and trans-cyclooctene studied by electron-impact spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 4696-4700.	2.8	1
18	Catalytic living ring-opening metathesis polymerization. <i>Nature Chemistry</i> , 2015, 7, 718-723.	13.6	34

#	ARTICLE	IF	CITATIONS
19	End functional ROMP polymers via degradation of a ruthenium Fischer type carbene. <i>Chemical Science</i> , 2014, 5, 4687-4692.	7.4	23
20	Efficient Amine End-Functionalization of Living Ring-Opening Metathesis Polymers. <i>Macromolecules</i> , 2012, 45, 4447-4453.	4.8	53