

Ali Bagheri

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,162
citations

516561

16
h-index

794469

19
g-index

26
all docs

26
docs citations

26
times ranked

2664
citing authors

#	ARTICLE	IF	CITATIONS
1	Photopolymerization in 3D Printing. ACS Applied Polymer Materials, 2019, 1, 593-611.	2.0	776
2	Recent advances in ordered meso/macroporous metal oxides for heterogeneous catalysis: a review. Journal of Materials Chemistry A, 2017, 5, 8825-8846.	5.2	263
3	Lanthanide-Doped Upconversion Nanoparticles: Emerging Intelligent Light-Activated Drug Delivery Systems. Advanced Science, 2016, 3, 1500437.	5.6	179
4	A Versatile 3D and 4D Printing System through Photocontrolled RAFT Polymerization. Angewandte Chemie, 2019, 131, 18122-18131.	1.6	169
5	A Versatile 3D and 4D Printing System through Photocontrolled RAFT Polymerization. Angewandte Chemie - International Edition, 2019, 58, 17954-17963.	7.2	161
6	Reversible Deactivation Radical Polymerization: From Polymer Network Synthesis to 3D Printing. Advanced Science, 2021, 8, 2003701.	5.6	85
7	Nitric Oxide-Loaded Antimicrobial Polymer for the Synergistic Eradication of Bacterial Biofilm. ACS Macro Letters, 2018, 7, 592-597.	2.3	82
8	Oxygen Tolerant PET-RAFT Facilitated 3D Printing of Polymeric Materials under Visible LEDs. ACS Applied Polymer Materials, 2020, 2, 782-790.	2.0	73
9	3D printing of polymeric materials based on photo-RAFT polymerization. Polymer Chemistry, 2020, 11, 641-647.	1.9	70
10	Polymerization of a Photocleavable Monomer Using Visible Light. Macromolecular Rapid Communications, 2016, 37, 905-910.	2.0	50
11	Controlled Direct Growth of Polymer Shell on Upconversion Nanoparticle Surface via Visible Light Regulated Polymerization. Macromolecules, 2017, 50, 7137-7147.	2.2	49
12	Exploiting the Versatility of Polydopamine-Coated Nanoparticles to Deliver Nitric Oxide and Combat Bacterial Biofilm. Macromolecular Rapid Communications, 2018, 39, e1800159.	2.0	39
13	Synthesis of Light-Responsive Pyrene-Based Polymer Nanoparticles via Polymerization-Induced Self-Assembly. Macromolecular Rapid Communications, 2019, 40, e1800510.	2.0	38
14	Surface functionalization of upconversion nanoparticles using visible light-mediated polymerization. Polymer, 2018, 151, 6-14.	1.8	32
15	Visible Light-Induced Transformation of Polymer Networks. ACS Applied Polymer Materials, 2019, 1, 1896-1904.	2.0	32
16	Living Polymer Networks Based on a RAFT Cross-Linker: Toward 3D and 4D Printing Applications. ACS Applied Polymer Materials, 2021, 3, 2921-2930.	2.0	26
17	NIR/blue light emission optimization of $\text{NaY}_{1-x-y}\text{Yb}_x\text{F}_4:\text{Tm}_y$ upconversion nanoparticles via $\text{Yb}^{3+}/\text{Tm}^{3+}$ dopant balancing. Dalton Transactions, 2018, 47, 8629-8637.	1.6	15
18	RAFT-Mediated 3D Printing of Living Materials with Tailored Hierarchical Porosity. ACS Applied Polymer Materials, 2022, 4, 4940-4948.	2.0	15

#	ARTICLE	IF	CITATIONS
19	Reversible-Deactivation Radical Polymerisation: chain polymerisation made simple. Chemistry Teacher International, 2021, 3, 19-32.	0.9	5
20	Chapter 9 3D printing mediated by photoRAFT polymerization process. , 2021, , 295-316.		2
21	Macromol. Rapid Commun. 11/2016. Macromolecular Rapid Communications, 2016, 37, 940-940.	2.0	0
22	Frontispiz: A Versatile 3D and 4D Printing System through Photocontrolled RAFT Polymerization. Angewandte Chemie, 2019, 131, .	1.6	0
23	Frontispiece: A Versatile 3D and 4D Printing System through Photocontrolled RAFT Polymerization. Angewandte Chemie - International Edition, 2019, 58, .	7.2	0