

Yuan Zeng

List of Publications by Year in descending order

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14
papers

386
citations

840119

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docs citations

14
times ranked

477
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Healing Hydrogel with a Double Dynamic Network Comprising Imine and Borate Ester Linkages. <i>Chemistry of Materials</i> , 2019, 31, 5576-5583.	3.2	126
2	High-throughput preparation of radioprotective polymers via Hantzsch's reaction for in vivo X-ray damage determination. <i>Nature Communications</i> , 2020, 11, 6214.	5.8	35
3	Polymers for Fluorescence Imaging of Formaldehyde in Living Systems via the Hantzsch Reaction. <i>ACS Macro Letters</i> , 2018, 7, 1346-1352.	2.3	27
4	An antioxidant self-healing hydrogel for 3D cell cultures. <i>Journal of Materials Chemistry B</i> , 2020, 8, 1383-1388.	2.9	25
5	Antibacterial Self-Healing Hydrogel via the Ugi Reaction. <i>ACS Applied Polymer Materials</i> , 2020, 2, 404-410.	2.0	24
6	Curcumin's polymer conjugates with dynamic boronic acid ester linkages for selective killing of cancer cells. <i>Polymer Chemistry</i> , 2020, 11, 1321-1326.	1.9	23
7	A multi-responsive self-healing hydrogel for controlled release of curcumin. <i>Polymer Chemistry</i> , 2021, 12, 2457-2463.	1.9	23
8	<i>De Novo</i> Design of Entropy-Driven Polymers Resistant to Bacterial Attachment via Multicomponent Reactions. <i>Journal of the American Chemical Society</i> , 2021, 143, 17250-17260.	6.6	23
9	Magnetic Self-Healing Hydrogel from Difunctional Polymers Prepared via the Kabachnik's Fields Reaction. <i>ACS Macro Letters</i> , 2022, 11, 39-45.	2.3	21
10	High-Throughput Preparation of Antibacterial Polymers from Natural Product Derivatives via the Hantzsch Reaction. <i>IScience</i> , 2020, 23, 100754.	1.9	17
11	Stimuli-Responsive Multifunctional Phenylboronic Acid Polymers Via Multicomponent Reactions: From Synthesis to Application. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100022.	2.0	14
12	Polyanionic self-healing hydrogels for the controlled release of cisplatin. <i>European Polymer Journal</i> , 2020, 133, 109773.	2.6	10
13	Fabrication of claviform fluorescent polymeric nanomaterials containing disulfide bond through an efficient and facile four-component Ugi reaction. <i>Materials Science and Engineering C</i> , 2021, 118, 111437.	3.8	9
14	Antioxidant Polymers via the Ugi Reaction for In Vivo Protection of UV-Induced Oxidative Stress. <i>Chemistry of Materials</i> , 2022, 34, 2645-2654.	3.2	9