

Zhao Li

List of Publications by Year in descending order

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26
papers

979
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516215

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963
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#	ARTICLE	IF	CITATIONS
1	Recent Advances in Applied Fluorescent Polymeric Gels. <i>ACS Applied Polymer Materials</i> , 2022, 4, 3131-3152.	2.0	14
2	Multicolor Fluorescent Polymeric Hydrogels. <i>Angewandte Chemie</i> , 2021, 133, 8690-8706.	1.6	12
3	Multicolor Fluorescent Polymeric Hydrogels. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8608-8624.	7.2	163
4	Bioinspired Hydrogels with Muscle-Like Structure for AI-Egen-Guided Selective Self-Healing. <i>CCS Chemistry</i> , 2021, 3, 1146-1156.	4.6	42
5	Aggregation-Induced Emission-Active Gels: Fabrications, Functions, and Applications. <i>Advanced Materials</i> , 2021, 33, e2100021.	11.1	105
6	Hydrophilicity-Hydrophobicity Transformation, Thermo-responsive Morphomechanics, and Crack Multifurcation Revealed by AI-Egens in Mechanically Strong Hydrogels. <i>Advanced Materials</i> , 2021, 33, e2101500.	11.1	46
7	Sensitive and specific detection of peroxynitrite and <i>in vivo</i> imaging of inflammation by a simple AI-E bioprobe. <i>Materials Chemistry Frontiers</i> , 2021, 5, 1830-1835.	3.2	19
8	Phototriggered Aggregation-Induced Emission and Direct Generation of 4D Soft Patterns. <i>Advanced Materials</i> , 2021, 33, e2105113.	11.1	40
9	Gel-Based Luminescent Conductive Materials and Their Applications in Biosensors and Bioelectronics. <i>Materials</i> , 2021, 14, 6759.	1.3	4
10	Polysaccharide-based recoverable double-network hydrogel with high strength and self-healing properties. <i>Journal of Materials Chemistry B</i> , 2020, 8, 794-802.	2.9	46
11	Bioinspired Simultaneous Changes in Fluorescence Color, Brightness, and Shape of Hydrogels Enabled by AI-Egens. <i>Advanced Materials</i> , 2020, 32, e1906493.	11.1	160
12	A Functioning Macroscopic "Rubik's Cube" Assembled via Controllable Dynamic Covalent Interactions. <i>Advanced Materials</i> , 2019, 31, e1902365.	11.1	84
13	Hydrogels: A Functioning Macroscopic "Rubik's Cube" Assembled via Controllable Dynamic Covalent Interactions (<i>Adv. Mater.</i> 40/2019). <i>Advanced Materials</i> , 2019, 31, 1970286.	11.1	0
14	Molecular Transmission: Visible and Rate-Controllable Photoreactivity and Synergy of Aggregation-Induced Emission and Host-Guest Assembly. <i>Chemistry of Materials</i> , 2019, 31, 1092-1100.	3.2	46
15	Bioinspired Tunable Sacrificial Bonds Endowing Tetra-PEG Based PU Hydrogel with Tunable Mechanical Properties, Shape-Memory, and Self-Healing Functions. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1700542.	1.7	7
16	Preparation of a photo- and thermo-responsive topological gel from anthracene-modified polyrotaxanes. <i>Soft Matter</i> , 2018, 14, 2767-2771.	1.2	10
17	Tetra-PEG Based Nano-Enhanced Hydrogel with Excellent Mechanical Properties and Multi-Functions. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1800325.	1.7	8
18	Mixed polycarbonate prodrug nanoparticles with reduction/pH dual-responsive and charge conversional properties. <i>Reactive and Functional Polymers</i> , 2017, 120, 74-82.	2.0	9

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19	One-pot synthesis of highly mechanical and redox-degradable polyurethane hydrogels based on tetra-PEG and disulfide/thiol chemistry. <i>RSC Advances</i> , 2016, 6, 48863-48869.	1.7	17
20	Synthesis and character of novel polycarbonate for constructing biodegradable multi-stimuli responsive delivery system. <i>Journal of Polymer Science Part A</i> , 2016, 54, 3583-3592.	2.5	18
21	Facile construction of near-monodisperse and dual responsive polycarbonate mixed micelles with the ability of pH-induced charge reversal for intracellular delivery of antitumor drugs. <i>Journal of Materials Chemistry B</i> , 2016, 4, 6081-6093.	2.9	17
22	Hydroxypropyl- β -CD vs. its α -homologue for a 3D modified polyrotaxane network formation and properties: the relationship between modified CD and polymer revealed through comparison. <i>Soft Matter</i> , 2016, 12, 7089-7101.	1.2	9
23	Self-assembly of pH-responsive biodegradable mixed micelles based on anionic and cationic polycarbonates for doxorubicin delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 145, 392-400.	2.5	24
24	Preparation of a High-Strength Hydrogel with Slidable and Tunable Potential Functionalization Sites. <i>Macromolecules</i> , 2016, 49, 373-386.	2.2	30
25	Facile functionalization of a tetrahedron-like PEG macromonomer-based fluorescent hydrogel with high strength and its heavy metal ion detection. <i>Journal of Materials Chemistry A</i> , 2015, 3, 1158-1163.	5.2	37
26	Synthesis and properties of tunable thermoresponsive aliphatic polycarbonate copolymers with oligo ethylene glycol containing thioether and/or sulphone groups. <i>RSC Advances</i> , 2015, 5, 64832-64840.	1.7	12