

# Yi Zhao

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

1,153  
citations

361413

20  
h-index

580821

25  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1631  
citing authors

#	ARTICLE	IF	CITATIONS
1	Redox Responsive Release of Hydrophobic Self-Healing Agents from Polyaniline Capsules. <i>Journal of the American Chemical Society</i> , 2013, 135, 14198-14205.	13.7	170
2	Encapsulation of Self-Healing Agents in Polymer Nanocapsules. <i>Small</i> , 2012, 8, 2954-2958.	10.0	100
3	Synthesis of Double Side-Chain Liquid Crystalline Block Copolymers Using RAFT Polymerization and the Orientational Cooperative Effect. <i>Macromolecules</i> , 2008, 41, 3823-3831.	4.8	88
4	Photoinduced bending of a coumarin-containing supramolecular polymer. <i>Soft Matter</i> , 2009, 5, 308-310.	2.7	74
5	Nano-engineered electro-responsive drug delivery systems. <i>Journal of Materials Chemistry B</i> , 2016, 4, 3019-3030.	5.8	73
6	Ultrasound-Responsive Block Copolymer Micelles Based on a New Amplification Mechanism. <i>Langmuir</i> , 2012, 28, 16463-16468.	3.5	71
7	Phototunable LCST of Water-Soluble Polymers: Exploring a Topological Effect. <i>Macromolecules</i> , 2011, 44, 4007-4011.	4.8	68
8	Advanced stimuli-responsive polymer nanocapsules with enhanced capabilities for payloads delivery. <i>Polymer Chemistry</i> , 2015, 6, 4197-4205.	3.9	68
9	Doubly photoresponsive and water-soluble block copolymers: Synthesis and thermosensitivity. <i>Journal of Polymer Science Part A</i> , 2010, 48, 4055-4066.	2.3	53
10	Double Redox-Responsive Release of Encoded and Encapsulated Molecules from Patchy Nanocapsules. <i>Small</i> , 2015, 11, 2995-2999.	10.0	47
11	CO <sub>2</sub> responsive reversible aggregation of nanoparticles and formation of nanocapsules with an aqueous core. <i>Soft Matter</i> , 2012, 8, 11687.	2.7	46
12	Photo-Cross-Linkable Polymer Micelles in Hydrogen-Bonding-Built Layer-by-Layer Films. <i>Langmuir</i> , 2009, 25, 13151-13157.	3.5	44
13	Preparation and characterization of a high molecular weight UV-stabilizer based on a derivative of 2,4-dihydroxybenzophenone and its application in polymer materials. <i>Journal of Applied Polymer Science</i> , 2006, 102, 2203-2211.	2.6	40
14	Block Copolymers Comprising $\pi$ -Conjugated and Liquid Crystalline Subunits: Induction of Macroscopic Nanodomain Orientation. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9162-9165.	13.8	37
15	Chemical encoding of amphiphilic copolymers for a dual controlled release from their assemblies. <i>Polymer Chemistry</i> , 2015, 6, 5596-5601.	3.9	26
16	Synthesis and characterization of a polymerizable benzophenone derivative and its application in styrenic polymers as UV-stabilizer. <i>European Polymer Journal</i> , 2007, 43, 4541-4551.	5.4	25
17	Photoinduced Microphase Separation in Block Copolymers: Exploring Shape Incompatibility of Mesogenic Side Groups. <i>Macromolecular Rapid Communications</i> , 2010, 31, 986-990.	3.9	24
18	A Micellar Route to Layer-by-Layer Assembly of Hydrophobic Functional Polymers. <i>Macromolecules</i> , 2008, 41, 3562-3570.	4.8	21

#	ARTICLE	IF	CITATIONS
19	Polymer patchy colloids with sticky patches. <i>Polymer Chemistry</i> , 2014, 5, 365-371.	3.9	21
20	Preparation and characterization of polystyrene/titanium dioxide composite particles containing organic ultraviolet-stabilizer groups. <i>Journal of Applied Polymer Science</i> , 2007, 104, 2792-2798.	2.6	20
21	Facile Phase-Separation Approach to Encapsulate Functionalized Polymers in Core-Shell Nanoparticles. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 198-204.	2.2	14
22	Preparation and characterization of poly(MMA-M12-BPMA)/TiO <sub>2</sub> composite particles. <i>Colloid and Polymer Science</i> , 2008, 286, 1009-1018.	2.1	8
23	From core-shell and Janus structures to tricompartiment submicron particles. <i>Polymer</i> , 2014, 55, 715-720.	3.8	5
24	Uv-Resistant Performance of Polystyrene/Tio <sub>2</sub> Composite Particles Containing Organic UV-stabiliser Groups. <i>Polymers and Polymer Composites</i> , 2008, 16, 209-216.	1.9	3
25	Liquid crystalline block copolymers for macroscopic nanodomain orientation and photoinduced microphase separation. <i>Proceedings of SPIE</i> , 2011, , .	0.8	0