

Li Zhang

List of Publications by Year in descending order

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papers

1,711
citations

304368

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28
times ranked

793
citing authors

#	ARTICLE	IF	CITATIONS
1	Photo-PISA: Shedding Light on Polymerization-Induced Self-Assembly. ACS Macro Letters, 2015, 4, 1249-1253.	2.3	324
2	Enzyme-Assisted Photoinitiated Polymerization-Induced Self-Assembly: An Oxygen-Tolerant Method for Preparing Block Copolymer Nano-Objects in Open Vessels and Multiwell Plates. Macromolecules, 2017, 50, 5798-5806.	2.2	127
3	Room temperature synthesis of poly(poly(ethylene glycol) methyl ether methacrylate)-based diblock copolymer nano-objects via Photoinitiated Polymerization-Induced Self-Assembly (Photo-PISA). Polymer Chemistry, 2016, 7, 2372-2380.	1.9	102
4	An insight into aqueous photoinitiated polymerization-induced self-assembly (photo-PISA) for the preparation of diblock copolymer nano-objects. Polymer Chemistry, 2017, 8, 1315-1327.	1.9	101
5	Alcoholic Photoinitiated Polymerization-Induced Self-Assembly (Photo-PISA): A Fast Route toward Poly(isobornyl acrylate)-Based Diblock Copolymer Nano-Objects. ACS Macro Letters, 2016, 5, 894-899.	2.3	79
6	Facile Preparation of CO ₂ -Responsive Polymer Nano-Objects via Aqueous Photoinitiated Polymerization-Induced Self-Assembly (Photo-PISA). Macromolecular Rapid Communications, 2017, 38, 1600508.	2.0	76
7	Low-Temperature Synthesis of Thermoresponsive Diblock Copolymer Nano-Objects via Aqueous Photoinitiated Polymerization-Induced Self-Assembly (Photo-PISA) using Thermoresponsive MacroRAFT Agents. Macromolecular Rapid Communications, 2016, 37, 1434-1440.	2.0	70
8	Polymerization-Induced Self-Assembly of Homopolymer and Diblock Copolymer: A Facile Approach for Preparing Polymer Nano-Objects with Higher-Order Morphologies. ACS Macro Letters, 2017, 6, 298-303.	2.3	68
9	Enzyme-PISA: An Efficient Method for Preparing Well-Defined Polymer Nano-Objects under Mild Conditions. Macromolecular Rapid Communications, 2018, 39, e1700871.	2.0	67
10	Polymerization-Induced Self-Assembly via RAFT-Mediated Emulsion Polymerization of Methacrylic Monomers. Macromolecules, 2019, 52, 7468-7476.	2.2	67
11	Expanding the Scope of Polymerization-Induced Self-Assembly: Recent Advances and New Horizons. Macromolecular Rapid Communications, 2021, 42, e2100498.	2.0	66
12	Photoinitiated Polymerization-Induced Self-Assembly of Glycidyl Methacrylate for the Synthesis of Epoxy-Functionalized Block Copolymer Nano-Objects. Macromolecular Rapid Communications, 2017, 38, 1700195.	2.0	63
13	Room Temperature Synthesis of Self-Assembled AB/B and ABC/BC Blends by Photoinitiated Polymerization-Induced Self-Assembly (Photo-PISA) in Water. Macromolecules, 2018, 51, 7396-7406.	2.2	59
14	Expanding the Scope of Polymerization-Induced Self-Assembly: Z-RAFT-Mediated Photoinitiated Dispersion Polymerization. ACS Macro Letters, 2018, 7, 255-262.	2.3	56
15	Enzyme catalysis-induced RAFT polymerization in water for the preparation of epoxy-functionalized triblock copolymer vesicles. Polymer Chemistry, 2018, 9, 4908-4916.	1.9	55
16	Rapid synthesis of well-defined all-acrylic diblock copolymer nano-objects via alcoholic photoinitiated polymerization-induced self-assembly (photo-PISA). Polymer Chemistry, 2017, 8, 6853-6864.	1.9	52
17	Structural Difference in Macro-RAFT Agents Redirects Polymerization-Induced Self-Assembly. ACS Macro Letters, 2019, 8, 1102-1109.	2.3	44
18	Enzyme-assisted Photoinitiated Polymerization-induced Self-assembly in Continuous Flow Reactors with Oxygen Tolerance. Chinese Journal of Polymer Science (English Edition), 2021, 39, 1127-1137.	2.0	40

#	ARTICLE	IF	CITATIONS
19	Facile preparation of hybrid vesicles loaded with silica nanoparticles via aqueous photoinitiated polymerization-induced self-assembly. <i>RSC Advances</i> , 2017, 7, 23114-23121.	1.7	39
20	Ketone-Functionalized Polymer Nano-Objects Prepared via Photoinitiated Polymerization-Induced Self-Assembly (Photo-PISA) Using a Poly(diacetone acrylamide)-Based Macro-RAFT Agent. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800296.	2.0	39
21	Better RAFT Control is Better? Insights into the Preparation of Monodisperse Surface-Functional Polymeric Microspheres by Photoinitiated RAFT Dispersion Polymerization. <i>Macromolecules</i> , 2019, 52, 7267-7277.	2.2	31
22	Combining the power of heat and light: temperature-programmed photoinitiated RAFT dispersion polymerization to tune polymerization-induced self-assembly. <i>Polymer Chemistry</i> , 2019, 10, 3902-3911.	1.9	23
23	Adding a solvophilic comonomer to the polymerization-induced self-assembly of block copolymer and homopolymer: a cooperative strategy for preparing large compound vesicles. <i>RSC Advances</i> , 2017, 7, 46069-46081.	1.7	22
24	In situ cross-linking in RAFT-mediated emulsion polymerization: Reshaping the preparation of cross-linked block copolymer nano-objects by polymerization-induced self-assembly. <i>Polymer</i> , 2021, 230, 124095.	1.8	14
25	Sodium Bis(acyl)phosphane oxide (SBAPO): An efficient photoinitiator for blue light initiated aqueous RAFT dispersion polymerization. <i>Polymer</i> , 2018, 145, 70-79.	1.8	10
26	Uncontrolled polymerization that occurred during photoinitiated RAFT dispersion polymerization of acrylic monomers promotes the formation of uniform raspberry-like polymer particles. <i>Polymer Chemistry</i> , 2020, 11, 4591-4603.	1.9	9
27	Mechanistic Investigation of the Position of Reversible Addition-Fragmentation Chain Transfer (RAFT) Groups in Heterogeneous RAFT Polymerization. <i>Macromolecules</i> , 2022, 55, 4916-4928.	2.2	5
28	Blue Light-Initiated Alcoholic RAFT Dispersion Polymerization of Benzyl Methacrylate: A Detailed Study. <i>Polymers</i> , 2019, 11, 1284.	2.0	3