

Li Zhang

List of Publications by Citations

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27
papers

1,372
citations

20
h-index

28
g-index

28
ext. papers

1,565
ext. citations

4.9
avg, IF

4.93
L-index

#	Paper	IF	Citations
27	Photo-PISA: Shedding Light on Polymerization-Induced Self-Assembly. <i>ACS Macro Letters</i> , 2015 , 4, 1249-1253	6.6	274
26	Enzyme-Assisted Photoinitiated Polymerization-Induced Self-Assembly: An Oxygen-Tolerant Method for Preparing Block Copolymer Nano-Objects in Open Vessels and Multiwell Plates. <i>Macromolecules</i> , 2017 , 50, 5798-5806	5.5	105
25	Room temperature synthesis of poly(poly(ethylene glycol) methyl ether methacrylate)-based diblock copolymer nano-objects via Photoinitiated Polymerization-Induced Self-Assembly (Photo-PISA). <i>Polymer Chemistry</i> , 2016 , 7, 2372-2380	4.9	93
24	An insight into aqueous photoinitiated polymerization-induced self-assembly (photo-PISA) for the preparation of diblock copolymer nano-objects. <i>Polymer Chemistry</i> , 2017 , 8, 1315-1327	4.9	86
23	Alcoholic Photoinitiated Polymerization-Induced Self-Assembly (Photo-PISA): A Fast Route toward Poly(isobornyl acrylate)-Based Diblock Copolymer Nano-Objects. <i>ACS Macro Letters</i> , 2016 , 5, 894-899	6.6	70
22	Facile Preparation of CO ₂ -Responsive Polymer Nano-Objects via Aqueous Photoinitiated Polymerization-Induced Self-Assembly (Photo-PISA). <i>Macromolecular Rapid Communications</i> , 2017 , 38, 1600508	4.8	68
21	Low-Temperature Synthesis of Thermoresponsive Diblock Copolymer Nano-Objects via Aqueous Photoinitiated Polymerization-Induced Self-Assembly (Photo-PISA) using Thermoresponsive Macro-RAFT Agents. <i>Macromolecular Rapid Communications</i> , 2016 , 37, 1434-40	4.8	62
20	Polymerization-Induced Self-Assembly of Homopolymer and Diblock Copolymer: A Facile Approach for Preparing Polymer Nano-Objects with Higher-Order Morphologies. <i>ACS Macro Letters</i> , 2017 , 6, 298-303	6.6	59
19	Photoinitiated Polymerization-Induced Self-Assembly of Glycidyl Methacrylate for the Synthesis of Epoxy-Functionalized Block Copolymer Nano-Objects. <i>Macromolecular Rapid Communications</i> , 2017 , 38, 1700195	4.8	58
18	Enzyme-PISA: An Efficient Method for Preparing Well-Defined Polymer Nano-Objects under Mild Conditions. <i>Macromolecular Rapid Communications</i> , 2018 , 39, e1700871	4.8	54
17	Expanding the Scope of Polymerization-Induced Self-Assembly: Z-RAFT-Mediated Photoinitiated Dispersion Polymerization. <i>ACS Macro Letters</i> , 2018 , 7, 255-262	6.6	48
16	Room Temperature Synthesis of Self-Assembled AB/B and ABC/BC Blends by Photoinitiated Polymerization-Induced Self-Assembly (Photo-PISA) in Water. <i>Macromolecules</i> , 2018 , 51, 7396-7406	5.5	48
15	Rapid synthesis of well-defined all-acrylic diblock copolymer nano-objects via alcoholic photoinitiated polymerization-induced self-assembly (photo-PISA). <i>Polymer Chemistry</i> , 2017 , 8, 6853-6864	4.9	45
14	Polymerization-Induced Self-Assembly via RAFT-Mediated Emulsion Polymerization of Methacrylic Monomers. <i>Macromolecules</i> , 2019 , 52, 7468-7476	5.5	43
13	Enzyme catalysis-induced RAFT polymerization in water for the preparation of epoxy-functionalized triblock copolymer vesicles. <i>Polymer Chemistry</i> , 2018 , 9, 4908-4916	4.9	40
12	Structural Difference in Macro-RAFT Agents Redirects Polymerization-Induced Self-Assembly. <i>ACS Macro Letters</i> , 2019 , 8, 1102-1109	6.6	34
11	Facile preparation of hybrid vesicles loaded with silica nanoparticles via aqueous photoinitiated polymerization-induced self-assembly. <i>RSC Advances</i> , 2017 , 7, 23114-23121	3.7	32

10	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	4.8	32
9	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	5.5	22
8	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	4.9	20
7	Expanding the Scope of Polymerization-Induced Self-Assembly: Recent Advances and New Horizons. <i>Macromolecular Rapid Communications</i> , 2021 , 42, e2100498	4.8	20
6	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	3.7	18
5	Enzyme-assisted Photoinitiated Polymerization-induced Self-assembly in Continuous Flow Reactors with Oxygen Tolerance. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2021 , 39, 1127-1137	3.5	16
4	Sodium Bis(acyl)phosphane oxide (SBAPO): An efficient photoinitiator for blue light initiated aqueous RAFT dispersion polymerization. <i>Polymer</i> , 2018 , 145, 70-79	3.9	9
3	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	4.9	8
2	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	3.9	6
1	Blue Light-Initiated Alcoholic RAFT Dispersion Polymerization of Benzyl Methacrylate: A Detailed Study. <i>Polymers</i> , 2019 , 11,	4.5	2