

Boyu Zhang

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Elucidating Branching Topology and Branch Lengths in Star-Branched Polymers by Tandem Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 1981-1991.	2.8	5
2	The influence of small amounts of linear polycaprolactone chains on the crystallization of cyclic analogue molecules. <i>RSC Advances</i> , 2016, 6, 48049-48063.	3.6	29
3	Non-monotonic molecular weight dependence of crystallization rates of linear and cyclic poly(ϵ -caprolactone)s in a wide temperature range. <i>Polymer International</i> , 2016, 65, 1074-1079.	3.1	28
4	Water-soluble PEGylated silicon nanoparticles and their assembly into swellable nanoparticle aggregates. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	9
5	Comparing crystallization rates between linear and cyclic poly(ϵ -caprolactones) via fast-scan chip-calorimeter measurements. <i>Polymer</i> , 2015, 63, 34-40.	3.8	45
6	Band-Selective Ballistic Energy Transport in Alkane Oligomers: Toward Controlling the Transport Speed. <i>Journal of Physical Chemistry B</i> , 2015, 119, 6448-6456.	2.6	34
7	Room-temperature ballistic energy transport in molecules with repeating units. <i>Journal of Chemical Physics</i> , 2015, 142, 212412.	3.0	25
8	The characterization of dendronized poly(ethylene glycol)s and poly(ethylene glycol) multi-arm stars using matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Analytica Chimica Acta</i> , 2014, 808, 175-189.	5.4	12
9	Nucleation and Antinucleation Effects of Functionalized Carbon Nanotubes on Cyclic and Linear Poly(μ -caprolactones). <i>Macromolecules</i> , 2014, 47, 3553-3566.	4.8	70
10	Determination of polyethylene glycol end group functionalities by combination of selective reactions and characterization by matrix assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Analytica Chimica Acta</i> , 2014, 816, 28-40.	5.4	17
11	Efficient Synthesis of High Purity Homo-arm and Mikto-arm Poly(ethylene glycol) Stars Using Epoxide and Azide-Alkyne Coupling Chemistry. <i>Macromolecular Rapid Communications</i> , 2014, 35, 146-151.	3.9	21
12	Exploring the Effect of Amphiphilic Polymer Architecture: Synthesis, Characterization, and Self-Assembly of Both Cyclic and Linear Poly(ethylene glycol)-polycaprolactone. <i>ACS Macro Letters</i> , 2013, 2, 845-848.	4.8	105
13	THE RING-CLOSURE APPROACH FOR SYNTHESIZING CYCLIC POLYMERS. , 2013, , 157-197.		7
14	Synthesis, purification, and characterization of "perfect" star polymers via "Click" coupling. <i>Journal of Polymer Science Part A</i> , 2012, 50, 1086-1101.	2.3	32