

Thiago Rodrigues Guimarães

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Exploitation of the Nanoreactor Concept for Efficient Synthesis of Multiblock Copolymers via MacroRAFT-Mediated Emulsion Polymerization. <i>ACS Macro Letters</i> , 2019, 8, 989-995.	4.8	67
2	Nano-Engineered Multiblock Copolymer Nanoparticles via Reversible Addition-Fragmentation Chain Transfer Emulsion Polymerization. <i>Macromolecules</i> , 2019, 52, 2965-2974.	4.8	54
3	High Solids Content, Soap-Free, Film-Forming Latexes Stabilized by Laponite Clay Platelets. <i>Macromolecular Rapid Communications</i> , 2010, 31, 1874-1880.	3.9	48
4	RAFT Emulsion Polymerization for (Multi)block Copolymer Synthesis: Overcoming the Constraints of Monomer Order. <i>Macromolecules</i> , 2021, 54, 736-746.	4.8	36
5	Synthesis of multi-hollow clay-armored latexes by surfactant-free emulsion polymerization of styrene mediated by poly(ethylene oxide)-based macroRAFT/Laponite complexes. <i>Polymer Chemistry</i> , 2014, 5, 6611-6622.	3.9	33
6	Exploitation of Compartmentalization in RAFT Miniemulsion Polymerization to Increase the Degree of Livingness. <i>Journal of Polymer Science Part A</i> , 2019, 57, 1938-1946.	2.3	31
7	Low-Dispersity Polymers in <i>Ab Initio</i> Emulsion Polymerization: Improved MacroRAFT Agent Performance in Heterogeneous Media. <i>Macromolecules</i> , 2020, 53, 7672-7683.	4.8	29
8	Polymerization-induced self-assembly via RAFT in emulsion: effect of Z-group on the nucleation step. <i>Polymer Chemistry</i> , 2021, 12, 122-133.	3.9	29
9	RAFT Emulsion Polymerization: MacroRAFT Agent Self-Assembly Investigated Using a Solvachromatic Dye. <i>Biomacromolecules</i> , 2020, 21, 4577-4590.	5.4	18
10	Polymer-encapsulation of iron oxide clusters using macroRAFT block copolymers as stabilizers: tuning of the particle morphology and surface functionalization. <i>Journal of Materials Chemistry B</i> , 2020, 8, 4917-4929.	5.8	17
11	Synthesis of Multicompositional Onion-like Nanoparticles via RAFT Emulsion Polymerization. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23281-23288.	13.8	16
12	Multiblock Copolymer Synthesis via Reversible Addition-Fragmentation Chain Transfer Emulsion Polymerization: Effects of Chain Mobility within Particles on Control over Molecular Weight Distribution. <i>Macromolecules</i> , 2021, 54, 3647-3658.	4.8	15
13	Expanding the Scope of RAFT Multiblock Copolymer Synthesis Using the Nanoreactor Concept: The Critical Importance of Initiator Hydrophobicity. <i>Macromolecules</i> , 2022, 55, 1981-1991.	4.8	14
14	Reversible Destabilization of UV-Responsive Polymer Particles (Latex) using a Photoresponsive Surfactant. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1900355.	3.9	11
15	Synthesis of double-responsive magnetic latex particles <i>via</i> seeded emulsion polymerization using macroRAFT block copolymers as stabilizers. <i>Polymer Chemistry</i> , 2020, 11, 648-652.	3.9	11
16	Tuning phase separation morphology in blend thin films using well-defined linear (multi)block copolymers. <i>Polymer</i> , 2022, 240, 124466.	3.8	8
17	Multisegmented polymers via step-growth and RAFT miniemulsion polymerization. <i>Polymer Chemistry</i> , 0, , .	3.9	2
18	Synthesis of Multicompositional Onion-like Nanoparticles via RAFT Emulsion Polymerization. <i>Angewandte Chemie</i> , 2021, 133, 23469.	2.0	2