

Mariana Beija

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,519
citations

471509

17
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

4047
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and applications of Rhodamine derivatives as fluorescent probes. <i>Chemical Society Reviews</i> , 2009, 38, 2410.	38.1	1,268
2	Thermoresponsive poly(N-vinyl caprolactam)-coated gold nanoparticles: sharp reversible response and easy tunability. <i>Chemical Communications</i> , 2011, 47, 2826.	4.1	161
3	RAFT/MADIX polymers for the preparation of polymer/inorganic nanohybrids. <i>Progress in Polymer Science</i> , 2011, 36, 845-886.	24.7	152
4	Colloidal systems for drug delivery: from design to therapy. <i>Trends in Biotechnology</i> , 2012, 30, 485-496.	9.3	134
5	Macromolecular Ligands for Gadolinium MRI Contrast Agents. <i>Macromolecules</i> , 2012, 45, 4196-4204.	4.8	133
6	Dye-labelled polymer chains at specific sites: Synthesis by living/controlled polymerization. <i>Progress in Polymer Science</i> , 2011, 36, 568-602.	24.7	113
7	One-Pot Synthesis of Block Copolymers in Supercritical Carbon Dioxide: A Simple Versatile Route to Nanostructured Microparticles. <i>Journal of the American Chemical Society</i> , 2012, 134, 4772-4781.	13.7	93
8	Advantages of Block Copolymer Synthesis by RAFT-Controlled Dispersion Polymerization in Supercritical Carbon Dioxide. <i>Macromolecules</i> , 2013, 46, 6843-6851.	4.8	78
9	Determination of the critical micelle concentration of surfactants and amphiphilic block copolymers using coumarin 153. <i>Inorganica Chimica Acta</i> , 2012, 381, 181-187.	2.4	70
10	Thermoresponsive Amphiphilic Diblock Copolymers Synthesized by MADIX/RAFT: Properties in Aqueous Solutions and Use for the Preparation and Stabilization of Gold Nanoparticles. <i>Chemistry of Materials</i> , 2010, 22, 3712-3724.	6.7	53
11	Control of the catalytic properties and directed assembly on surfaces of MADIX/RAFT polymer-coated gold nanoparticles by tuning polymeric shell charge. <i>Journal of Materials Chemistry</i> , 2010, 20, 9433.	6.7	37
12	Polymer-gold nanohybrids with potential use in bimodal MRI/CT: enhancing the relaxometric properties of Gd(III) complexes. <i>Journal of Materials Chemistry</i> , 2012, 22, 21382.	6.7	34
13	RAFT polymerization and self-assembly of thermoresponsive poly(N-decylacrylamide- <i>b</i> -N,N-diethylacrylamide) block copolymers bearing a phenanthrene fluorescent π -end group. <i>Polymer</i> , 2010, 51, 355-367.	3.8	33
14	Thermo-responsiveness of poly(-diethylacrylamide) polymers at the air-water interface: The effect of a hydrophobic block. <i>Journal of Colloid and Interface Science</i> , 2008, 327, 129-137.	9.4	32
15	Fluorescence Anisotropy of Hydrophobic Probes in Poly(N-decylacrylamide)- <i>block</i> -poly(N,N-diethylacrylamide) Block Copolymer Aqueous Solutions: Evidence of Premicellar Aggregates. <i>Journal of Physical Chemistry B</i> , 2010, 114, 9977-9986.	2.6	28
16	Factors influencing the synthesis and the post-modification of PEGylated pentafluorophenyl acrylate containing copolymers. <i>European Polymer Journal</i> , 2013, 49, 3060-3071.	5.4	27
17	Understanding the Role of π -End Groups and Molecular Weight in the Interaction of PNIPAM with Gold Surfaces. <i>Chemistry of Materials</i> , 2013, 25, 1868-1876.	6.7	27
18	Schizophrenic Behavior of a Thermoresponsive Double Hydrophilic Diblock Copolymer at the Air-Water Interface. <i>Langmuir</i> , 2010, 26, 1807-1815.	3.5	14

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19	Novel Malachite Green- and Rhodamine B-labeled cationic chain transfer agents for RAFT polymerization. <i>Polymer</i> , 2011, 52, 5933-5946.	3.8	12
20	Thin Films of Hydrophobically Modified Poly(N,N-dimethylacrylamide). <i>Langmuir</i> , 2005, 21, 3940-3949.	3.5	11
21	Effect of the microstructure of n-butyl acrylate/N-isopropylacrylamide copolymers on their thermo-responsiveness, self-organization and gel properties in water. <i>Journal of Colloid and Interface Science</i> , 2020, 578, 685-697.	9.4	9