Claudia Sayer

List of Publications by Year
in descending order

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182	3,613	159358	243296
papers	citations	30 h-index	44 g-index

182	182	182	3500
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Zinc phthalocyanine encapsulation via thiol-ene miniemulsion polymerization and inÂvitro photoxicity studies. International Journal of Polymeric Materials and Polymeric Biomaterials, 2022, 71, 349-358.	1.8	5
2	Antineoplastic activity of free 4-nitrochalcone and encapsulated in poly(thioether-ester) nanoparticles obtained by thiol-ene polymerization in two human leukemia cell lines (Jurkat and K562). Journal of Drug Delivery Science and Technology, 2022, 67, 102924.	1.4	1
3	Curcumin encapsulation in functional PLGA nanoparticles: A promising strategy for cancer therapies. Advances in Colloid and Interface Science, 2022, 300, 102582.	7.0	40
4	Îµ-caprolactone ring-opening polymerization catalyzed by imidazolium-based ionic liquid under mild reaction conditions. Journal of Polymer Research, 2022, 29, 1.	1.2	8
5	Green synthesis of silver nanoparticles using Ilex paraguariensis extracts: antimicrobial activity and acetilcolinesterase modulation in rat brain tissue. Green Chemistry Letters and Reviews, 2022, 15, 128-138.	2.1	11
6	Recent advances and challenges on enzymatic synthesis of biobased polyesters via polycondensation. European Polymer Journal, 2022, 169, 111132.	2.6	14
7	Biopolymer-based nanocarriers for sustained release of agrochemicals: A review on materials and social science perspectives for a sustainable future of agri- and horticulture. Advances in Colloid and Interface Science, 2022, 303, 102645.	7.0	36
8	Nanomedicine in leishmaniasis: A promising tool for diagnosis, treatment and prevention of disease - An update overview. European Journal of Pharmacology, 2022, 923, 174934.	1.7	9
9	Copolymerization of limonene oxide and cyclic anhydrides catalyzed by ionic liquid BMIÂ·Fe2Cl7, nanoparticles preparation, crosslinking, and cytotoxicity studies. Journal of Polymer Research, 2022, 29, .	1.2	1
10	In vitro cytotoxicity and hyperthermia studies of superparamagnetic poly(urea-urethane) nanoparticles obtained by miniemulsion polymerization in human erythrocytes and NIH3T3 and HeLa cells. International Journal of Polymeric Materials and Polymeric Biomaterials, 2021, 70, 476-485.	1.8	4
11	Co-encapsulation of sodium diethyldithiocarbamate (DETC) and zinc phthalocyanine (ZnPc) in liposomes promotes increases phototoxic activity against (MDA-MB 231) human breast cancer cells. Colloids and Surfaces B: Biointerfaces, 2021, 197, 111434.	2.5	21
12	In vitro synergic activity of diethyldithiocarbamate and 4-nitrochalcone loaded in beeswax nanoparticles against melanoma (B16F10) cells. Materials Science and Engineering C, 2021, 120, 111651.	3.8	7
13	Superparamagnetic biobased poly(thioetherâ€ester) via thiolâ€ene polymerization in miniemulsion for hyperthermia. Journal of Applied Polymer Science, 2021, 138, 49741.	1.3	7
14	Polypyrrole production through chemical polymerization using anionic and cationic dopants: The influence of synthesis conditions and reaction kinetics. Materials Today Communications, 2021, 26, 101740.	0.9	3
15	Cationic polymerization of styrene using iron-containing ionic liquid catalysts in an aqueous dispersed medium. Polimeros, 2021, 31, .	0.2	3
16	Covalently Bonded N-Acetylcysteine-polyester Loaded in PCL Scaffolds for Enhanced Interactions with Fibroblasts. ACS Applied Bio Materials, 2021, 4, 1552-1562.	2.3	12
17	In Vitro Degradation and Cytotoxicity Response of Biobased Nanoparticles Prepared by Thiol-ene Polymerization in Miniemulsion. Journal of Polymers and the Environment, 2021, 29, 3668-3678.	2.4	10
18	Rigid Polyurethane Foam Obtained from Enzymatic Glycerolysis: Evaluation of the Influence of Lipase on Biopolyol Composition and Polymer Characteristics. Journal of Polymers and the Environment, 2021, 29, 3900.	2.4	5

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19	Flexible polyurethane foams produced from industrial residues and castor oil. Industrial Crops and Products, 2021, 164, 113377.	2.5	25
20	Cellulose nanocarriers via miniemulsion allow Pathogen-Specific agrochemical delivery. Journal of Colloid and Interface Science, 2021, 601, 678-688.	5.0	14
21	Bovine Serum Albumin Conjugation in Superparamagnetic/Poly(methyl methacrylate) Nanoparticles as an Alternative for Magnetic Enzyme-Linked Immunosorbent Assays. Journal of Nanoscience and Nanotechnology, 2021, 21, 5493-5498.	0.9	2
22	Evaluation of the in vivo acute toxicity of poly(thioetherâ€ester) and superparamagnetic poly(thioetherâ€ester) nanoparticles obtained by thiolâ€ene miniemulsion polymerization. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, , .	1.6	2
23	On the Role of Metal-Containing Imidazolium-Based Ionic Liquid Catalysts in the Formation of Tailored Polystyrene. Industrial & Engineering Chemistry Research, 2020, 59, 21685-21699.	1.8	3
24	Reactivity Ratios Estimation of the Freeâ€Radical Polymerization of Itaconic Acid and N â€Vinylâ€2â€Pyrrolidone by the Errorâ€inâ€Variables Methodology. Macromolecular Reaction Engineering, 2020, 14, 2000026.	0.9	2
25	4-nitrochalcone exerts leishmanicidal effect on L. amazonensis promastigotes and intracellular amastigotes, and the 4-nitrochalcone encapsulation in beeswax copaiba oil nanoparticles reduces macrophages cytotoxicity. European Journal of Pharmacology, 2020, 884, 173392.	1.7	16
26	Encapsulation of Magnetic Nanoparticles and CopaÃba Oil in Poly(methyl methacrylate) Nanoparticles via Miniemulsion Polymerization for Biomedical Application. Macromolecular Symposia, 2020, 394, 2000112.	0.4	5
27	Bio-Based Lignin Nanocarriers Loaded with Fungicides as a Versatile Platform for Drug Delivery in Plants. Biomacromolecules, 2020, 21, 2755-2763.	2.6	82
28	Diethyldithiocarbamate encapsulation reduces toxicity and promotes leishmanicidal effect through apoptosis-like mechanism in promastigote and ROS production by macrophage. Journal of Drug Targeting, 2020, 28, 1110-1123.	2.1	7
29	Antitumor activity associated with hyperthermia and 4-nitrochalcone loaded in superparamagnetic poly(thioether-ester) nanoparticles. Journal of Biomaterials Science, Polymer Edition, 2020, 31, 1895-1911.	1.9	5
30	Immobilization of lipase Eversa Transform 2.0 on poly(ureaâ€“urethane) nanoparticles obtained using a biopolyol from enzymatic glycerolysis. Bioprocess and Biosystems Engineering, 2020, 43, 1279-1286.	1.7	15
31	ZnO and quercetin encapsulated nanoparticles for sun protection obtained by miniemulsion polymerization using alternative co-stabilizers. Materials Research Express, 2020, 7, 015096.	0.8	8
32	Polyesters with main and side chain phosphoesters as structural motives for biocompatible electrospun fibres. Polymer Chemistry, 2020, 11, 2157-2165.	1.9	11
33	Enzymatic synthesis of benzyl benzoate using different acyl donors: Comparison of solvent-free reaction techniques. Process Biochemistry, 2020, 92, 261-268.	1.8	11
34	Bovine serum albumin conjugation on poly(methyl methacrylate) nanoparticles for targeted drug delivery applications. Journal of Drug Delivery Science and Technology, 2020, 56, 101490.	1.4	7
35	Thermal performance of nanoencapsulated phase change material in high molecular weight polystyrene. Polimeros, 2020, 30, .	0.2	5
36	Production of clove oil nanoemulsion with rapid and enhanced antimicrobial activity against gramâ€positive and gramâ€negative bacteria. Journal of Food Process Engineering, 2019, 42, e13209.	1.5	26

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37	Epoxidation of (R)-(+)-Limonene to 1,2-Limonene Oxide Mediated by Low-Cost Immobilized Candida antarctica Lipase Fraction B. Industrial & Engineering Chemistry Research, 2019, 58, 13918-13925.	1.8	18
38	Benzyl propionate synthesis by fed-batch esterification using commercial immobilized and lyophilized Cal B lipase. Bioprocess and Biosystems Engineering, 2019, 42, 1625-1634.	1.7	9
39	Biobased Ester 2-(10-Undecenoyloxy)ethyl Methacrylate as an Asymmetrical Diene Monomer in Thiolâ€“Ene Polymerization. Industrial & Engineering Chemistry Research, 2019, 58, 21044-21055.	1.8	6
40	Preparation and characterization of 4-nitrochalcone-folic acid-poly(methyl methacrylate) nanocapsules and cytotoxic activity on HeLa and NIH3T3 cells. Journal of Drug Delivery Science and Technology, 2019, 54, 101300.	1.4	8
41	Crosslinking of Electrospun Fibres from Unsaturated Polyesters by Bis-Triazolinediones (TAD). Polymers, 2019, 11, 1808.	2.0	7
42	Encapsulation of clove oil in nanostructured lipid carriers from natural waxes: Preparation, characterization and in vitro evaluation of the cholinesterase enzymes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 583, 123879.	2.3	28
43	Enzymatic Synthesis of a Diene Ester Monomer Derived from Renewable Resource. Applied Biochemistry and Biotechnology, 2019, 189, 745-759.	1.4	2
44	Diethyldithiocarbamate loaded in beeswax-copaiba oil nanoparticles obtained by solventless double emulsion technique promote promastigote death in vitro. Colloids and Surfaces B: Biointerfaces, 2019, 176, 507-512.	2.5	34
45	Benzyl butyrate esterification mediated by immobilized lipases: Evaluation of batch and fed-batch reactors to overcome lipase-acid deactivation. Process Biochemistry, 2019, 78, 50-57.	1.8	24
46	Increased in vitro leishmanicidal activity of octyl gallate loaded poly(methyl methacrylate) nanoparticles. Pharmaceutical Development and Technology, 2019, 24, 593-599.	1.1	11
47	Synthesis of a green polyurethane foam from a biopolyol obtained by enzymatic glycerolysis and its use for immobilization of lipase NS-40116. Bioprocess and Biosystems Engineering, 2019, 42, 213-222.	1.7	22
48	Simultaneous encapsulation of zinc oxide and octocrylene in poly (methyl methacrylate-co-styrene) nanoparticles obtained by miniemulsion polymerization for use in sunscreen formulations. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 561, 39-46.	2.3	28
49	High Molecular Weight Polystyrene Obtained by Cationic Emulsion Polymerization Catalyzed by Imidazoliumâ€Based Ionic Liquid. Macromolecular Reaction Engineering, 2019, 13, 1800061.	0.9	10
50	pH-responsive physically and chemically cross-linked glutamic-acid-based hydrogels and nanogels. European Polymer Journal, 2018, 101, 341-349.	2.6	35
51	Bioactive evaluation and application of different formulations of the natural colorant curcumin (E100) in a hydrophilic matrix (yogurt). Food Chemistry, 2018, 261, 224-232.	4.2	39
52	Incorporation of Magnetic Nanoparticles in Poly(Methyl Methacrylate) Nanocapsules. Macromolecular Chemistry and Physics, 2018, 219, 1700424.	1.1	4
53	Biocatalysis of aromatic benzyl-propionate ester by different immobilized lipases. Bioprocess and Biosystems Engineering, 2018, 41, 585-591.	1.7	26
54	Cationic miniemulsion polymerization of styrene mediated by imidazolium based ionic liquid. European Polymer Journal, 2018, 104, 51-56.	2.6	18

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55	Polyester nanoparticles from macrolactones via miniemulsion enzymatic ring-opening polymerization. Colloid and Polymer Science, 2018, 296, 861-869.	1.0	12
56	Biocompatible Polymeric Nanoparticles From Castor Oil Derivatives via Thiolâ€Ene Miniemulsion Polymerization. European Journal of Lipid Science and Technology, 2018, 120, 1700212.	1.0	30
57	Polyesters from Macrolactones Using Commercial Lipase NS 88011 and Novozym 435 as Biocatalysts. Applied Biochemistry and Biotechnology, 2018, 184, 659-672.	1.4	26
58	Polyurethane Foams Based on Biopolyols from Castor Oil and Glycerol. Journal of Polymers and the Environment, 2018, 26, 2467-2475.	2.4	20
59	DEVELOPMENT OF ANTIOXIDANT POLY(THIOETHER-ESTER) NANOPARTICLES. Brazilian Journal of Chemical Engineering, 2018, 35, 691-698.	0.7	5
60	Evaluation of in vitro cytotoxicity of superparamagnetic poly(thioether-ester) nanoparticles on erythrocytes, non-tumor (NIH3T3), tumor (HeLa) cells and hyperthermia studies. Journal of Biomaterials Science, Polymer Edition, 2018, 29, 1935-1948.	1.9	15
61	Poly(urea-urethane) nanoparticles using mono- and diacylglycerol from glycerolysis of castor oil as biopolyol and stabilizer. European Polymer Journal, 2018, 108, 529-535.	2.6	11
62	CELLULASE IMMOBILIZATION ON POLY(METHYL METHACRYLATE) NANOPARTICLES BY MINIEMULSION POLYMERIZATION. Brazilian Journal of Chemical Engineering, 2018, 35, 649-658.	0.7	11
63	Enzymatically catalyzed degradation of poly (thioether-ester) nanoparticles. Polymer Degradation and Stability, 2018, 156, 211-217.	2.7	22
64	Synthesis of a biobased monomer derived from castor oil and copolymerization in aqueous medium. Chemical Engineering Research and Design, 2018, 137, 213-220.	2.7	15
65	Ultrasound assisted miniemulsion polymerization to prepare poly(urea-urethane) nanoparticles. Polimeros, 2018, 28, 155-160.	0.2	4
66	Evaluation of thein vivoacute antiinflammatory response of curcumin-loaded nanoparticles. Food and Function, 2018, 9, 440-449.	2.1	42
67	Thiol-ene polymerisation: A promising technique to obtain novel biomaterials. European Polymer Journal, 2017, 86, 200-215.	2.6	104
68	Enzymatic ring opening polymerization of Ï‰â€Pentadecalactone in different solvents in a variableâ€volume view reactor. Journal of Polymer Science Part A, 2017, 55, 1219-1227.	2.5	17
69	Enzymatically crosslinked gelatin coating added of bioactive nanoparticles and antifungal agent: Effect on the quality of Benitaka grapes. LWT - Food Science and Technology, 2017, 84, 175-182.	2.5	27
70	In Vitro Biocompatibility and Macrophage Uptake Assays of Poly(Urea-Urethane) Nanoparticles Obtained by Miniemulsion Polymerization. Journal of Nanoscience and Nanotechnology, 2017, 17, 4955-4960.	0.9	6
71	Mathematical modeling of molecular weight distribution in miniemulsion polymerization with oilâ€soluble initiator. AICHE Journal, 2017, 63, 2128-2140.	1.8	8
72	Cellulase immobilization on magnetic nanoparticles encapsulated in polymer nanospheres. Bioprocess and Biosystems Engineering, 2017, 40, 511-518.	1.7	48

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73	Thiol-ene miniemulsion polymerization of a biobased monomer for biomedical applications. Colloids and Surfaces B: Biointerfaces, 2017, 159, 509-517.	2.5	39
74	Monomer-in-water miniemulsions by membrane emulsification. Chemical Engineering and Processing: Process Intensification, 2017, 120, 251-257.	1.8	6
75	PLLA/PMMA blend in polymer nanoparticles: influence of processing methods. Colloid and Polymer Science, 2017, 295, 1621-1633.	1.0	7
76	Poly(thioether-ester) nanoparticles entrapping clove oil for antioxidant activity improvement. Journal of Polymer Research, 2017, 24, 1.	1.2	14
77	Enzymatic ring opening polymerization of Ï‰-pentadecalactone using supercritical carbon dioxide. Journal of Supercritical Fluids, 2017, 119, 221-228.	1.6	41
78	Effect of drying method on mechanical, thermal and water absorption properties of enzymatically crosslinked gelatin hydrogels. Anais Da Academia Brasileira De Ciencias, 2017, 89, 745-755.	0.3	29
79	Design of Cross-Linked Starch Nanocapsules for Enzyme-Triggered Release of Hydrophilic Compounds. Processes, 2017, 5, 25.	1.3	16
80	Method Validation for Progesterone Determination in Poly(methyl methacrylate) Nanoparticles Synthesized via Miniemulsion Polymerization. International Journal of Polymer Science, 2017, 2017, 1-11.	1.2	6
81	MODELING PARTICLE SIZE DISTRIBUTION IN HETEROGENEOUS POLYMERIZATION SYSTEMS USING MULTIMODAL LOGNORMAL FUNCTION. Brazilian Journal of Chemical Engineering, 2016, 33, 469-478.	0.7	4
82	Immobilization of Candida antarctica Lipase B on Magnetic Poly(Urea-Urethane) Nanoparticles. Applied Biochemistry and Biotechnology, 2016, 180, 558-575.	1.4	22
83	Superparamagnetic poly(methyl methacrylate) nanoparticles surface modified with folic acid presenting cell uptake mediated by endocytosis. Journal of Nanoparticle Research, 2016, 18, 1.	0.8	14
84	ALTMET Polymerization of Amino Acid-Based Monomers Targeting Controlled Drug Release. Macromolecules, 2016, 49, 6723-6730.	2.2	11
85	Decrease of methyl methacrylate miniemulsion polymerization rate with incorporation of plant oils. European Journal of Lipid Science and Technology, 2016, 118, 93-103.	1.0	10
86	Poly(3â€hydroxybutirateâ€coâ€3â€hydroxyvalerate)â€“Polystyrene Hybrid Nanoparticles via Miniemulsion Polymerization. Macromolecular Reaction Engineering, 2016, 10, 39-46.	0.9	2
87	Increased cellular uptake of lauryl gallate loaded in superparamagnetic poly(methyl methacrylate) nanoparticles due to surface modification with folic acid. Journal of Materials Science: Materials in Medicine, 2016, 27, 185.	1.7	14
88	Simultaneous single-step immobilization of Candida antarctica lipase B and incorporation of magnetic nanoparticles on poly(urea-urethane) nanoparticles by interfacial miniemulsion polymerization. Journal of Molecular Catalysis B: Enzymatic, 2016, 131, 31-35.	1.8	14
89	Post-modification of preformed polymer latex. Chemical Engineering and Processing: Process Intensification, 2016, 103, 80-86.	1.8	1
90	At-Line Monitoring of Conversion in the Inverse Miniemulsion Polymerization of Acrylamide by Raman Spectroscopy. Industrial & Engineering Chemistry Research, 2016, 55, 6317-6324.	1.8	4

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91	<I>In Vitro</I> Cytotoxicity of Poly(Methyl Methacrylate) Nanoparticles and Nanocapsules Obtained by Miniemulsion Polymerization for Drug Delivery Application. Journal of Nanoscience and Nanotechnology, 2016, 16, 7669-7676.	0.9	21
92	Solid lipid nanoparticles for encapsulation of hydrophilic drugs by an organic solvent free double emulsion technique. Colloids and Surfaces B: Biointerfaces, 2016, 140, 317-323.	2.5	103
93	Synthesis of ZnPc loaded poly(methyl methacrylate) nanoparticles via miniemulsion polymerization for photodynamic therapy in leukemic cells. Materials Science and Engineering C, 2016, 60, 458-466.	3.8	41
94	Kinetic Parameters of the Initiator Decomposition in Microwave and in Conventional Batch Reactors â€“ KPS and V50â€Case Studies. Macromolecular Reaction Engineering, 2015, 9, 366-373.	0.9	7
95	Poly(Ureaâ€“Urethane) Synthesis by Miniemulsion Polymerization Using Microwaves and Conventional Polymerization. Macromolecular Reaction Engineering, 2015, 9, 48-59.	0.9	7
96	Preparation of PLLA/PMMA and PLLA/PS binary blend nanoparticles by incorporation of PLLA in methyl methacrylate or styrene miniemulsion homopolymerization. Polimeros, 2015, 25, 23-28.	0.2	8
97	Characterization of progesterone loaded biodegradable blend polymeric nanoparticles. Ciencia Rural, 2015, 45, 2082-2088.	0.3	16
98	Acyclic triene metathesis (ATMET) miniemulsion polymerization of linseed oil produces polymer nanoparticles with comparable molecular weight to that of bulk reactions. European Journal of Lipid Science and Technology, 2015, 117, 235-241.	1.0	7
99	Incorporation of high oil content in polyvinyl acetate nanoparticles produced by batch miniemulsion polymerization stabilized with a polymeric stabilizer. Journal of Applied Polymer Science, 2015, 132, .	1.3	3
100	Kinetic Study of Candida antarctica Lipase B Immobilization Using Poly(Methyl Methacrylate) Nanoparticles Obtained by Miniemulsion Polymerization as Support. Applied Biochemistry and Biotechnology, 2015, 175, 2961-2971.	1.4	25
101	Simultaneous encapsulation of magnetic nanoparticles and zinc phthalocyanine in poly(methyl) Tj ETQq1 1 0.784314 rgBT /Overlock 1C Surfaces B: Biointerfaces, 2015, 135, 357-364.	2.5	25
102	Synthesis of PEG-PCL-based polyurethane nanoparticles by miniemulsion polymerization. Colloids and Surfaces B: Biointerfaces, 2015, 135, 35-41.	2.5	20
103	Encapsulation of roasted coffee oil in biocompatible nanoparticles. LWT - Food Science and Technology, 2015, 64, 381-389.	2.5	43
104	Incorporation of superparamagnetic nanoparticles into poly(urea-urethane) nanoparticles by step growth interfacial polymerization in miniemulsion. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 482, 596-603.	2.3	16
105	Encapsulation of magnetic nanoparticles in poly(methyl methacrylate) by miniemulsion and evaluation of hyperthermia in U87MG cells. European Polymer Journal, 2015, 68, 355-365.	2.6	55
106	Synthesis and modification of polyurethane for immobilization of Thermomyces lanuginosus (TLL) lipase for ethanolysis of fish oil in solvent free system. Journal of Molecular Catalysis B: Enzymatic, 2015, 122, 163-169.	1.8	25
107	Acrylamide inverse miniemulsion polymerization: in situ, real-time monitoring using nir spectroscopy. Brazilian Journal of Chemical Engineering, 2014, 31, 925-933.	0.7	10
108	SBâ€Ś Coreâ€Śhell Particles in Semicontinuous Seeded Emulsion Polymerization and their use as Impact Modifier. Macromolecular Symposia, 2014, 344, 28-32.	0.4	1

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109	Synthesis and Characterization of Poly(Methyl Methacrylate) PMMA and Evaluation of Cytotoxicity for Biomedical Application. Macromolecular Symposia, 2014, 343, 65-69.	0.4	33
110	Synthesis of Coreâ€Shell Particles with Low Molecular Weight Alkanes by Miniemulsion Polymerization. Macromolecular Symposia, 2014, 343, 31-38.	0.4	3
111	ADMET reactions in miniemulsion. Journal of Polymer Science Part A, 2014, 52, 1300-1305.	2.5	18
112	Degradable polyurethane nanoparticles containing vegetable oils. European Journal of Lipid Science and Technology, 2014, 116, 24-30.	1.0	22
113	Emulsion copolymerization of styrene and acrylated methyl oleate. European Journal of Lipid Science and Technology, 2014, 116, 37-43.	1.0	24
114	Immobilization of Candida antarctica lipase B on PEGylated poly(urea-urethane) nanoparticles by step miniemulsion polymerization. Journal of Molecular Catalysis B: Enzymatic, 2014, 109, 116-121.	1.8	27
115	Development of a system by atomization for the formation of polymeric particles in micro and sub-micro scales. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 451, 1-6.	2.3	3
116	Ionic liquid as surfactant in microwaveâ€assisted emulsion polymerization. Journal of Applied Polymer Science, 2013, 127, 448-455.	1.3	16
117	Magnetic Polymer/Nickel Hybrid Nanoparticles Via Miniemulsion Polymerization. Macromolecular Chemistry and Physics, 2013, 214, 2213-2222.	1.1	31
118	Calorimetric Estimation Employing the Unscented Kalman Filter for a Batch Emulsion Polymerization Reactor. Macromolecular Reaction Engineering, 2013, 7, 24-35.	0.9	16
119	Encapsulation of magnetic nickel nanoparticles via inverse miniemulsion polymerization. Journal of Applied Polymer Science, 2013, 129, 1426-1433.	1.3	27
120	Hydrolysis of poly(hydroxybutyrateâ€coâ€hydroxyvalerate) nanoparticles. Journal of Applied Polymer Science, 2013, 128, 3093-3098.	1.3	15
121	Monitoring Pyrrol Polymerization Using Onâ€Line Conductivity Measurements and Neural Networks. Macromolecular Symposia, 2013, 333, 113-121.	0.4	6
122	Encapsulation of Jojoba and Andiroba Oils by Miniemulsion Polymerization. Effect on Molar Mass Distribution. Macromolecular Symposia, 2013, 324, 114-123.	0.4	24
123	Compartmentalization Effects on Miniemulsion Polymerization with Oilâ€Soluble Initiator. Macromolecular Reaction Engineering, 2013, 7, 221-231.	0.9	30
124	Poly(3-hydroxybutyrate-co-3- hydroxyvalerate) nanoparticles prepared by a miniemulsion/solvent evaporation technique: effect of phbv molar mass and concentration. Brazilian Journal of Chemical Engineering, 2013, 30, 369-377.	0.7	23
125	Preparation of poly(urethane-urea) nanoparticles containing aÃ§aÃ-oil by miniemulsion polymerization. Polimeros, 2013, 23, 451-455.	0.2	24
126	Comparison of bismuth trioxide and antimony trioxide as synergists with decabromodiphenyl ether in flame retardancy of high-impact polystyrene. Journal of Fire Sciences, 2012, 30, 566-574.	0.9	5

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127	Styrene Miniemulsion Polymerization: Incorporation of Nâ€Alkanes. Macromolecular Symposia, 2012, 319, 54-63.	0.4	6
128	Microwave Effects Due to Anionic or Cationic Initiators in Emulsion Polymerization Reactions. Macromolecular Symposia, 2011, 302, 161-168.	0.4	4
129	Inâ€Line Monitoring of Particle Size during Emulsion Polymerization under Different Operational Conditions using NIR Spectroscopy. Macromolecular Reaction Engineering, 2011, 5, 150-162.	0.9	20
130	BSA Adsorption on Differently Charged Polystyrene Nanoparticles using Isothermal Titration Calorimetry and the Influence on Cellular Uptake. Macromolecular Bioscience, 2011, 11, 628-638.	2.1	135
131	Incorporation of PMMA and PS in Styrene and Methyl methacrylate Miniemulsion Homopolymerization. Macromolecular Symposia, 2011, 299-300, 41-47.	0.4	4
132	Absorption and Disposition of the Sphingosine 1-Phosphate Receptor Modulator Fingolimod (FTY720) in Healthy Volunteers: A Case of Xenobiotic Biotransformation Following Endogenous Metabolic Pathways. Drug Metabolism and Disposition, 2011, 39, 199-207.	1.7	38
133	Synthesis of Polymer Particles with Core-Shell Morphologies. , 2010, , 29-59.		5
134	In Line Monitoring of VAcâ€BuA Emulsion Polymerization Reaction in a Continuous Pulsed Sieve Plate Reactor using NIR Spectroscopy. Macromolecular Symposia, 2010, 289, 140-148.	0.4	12
135	Inâ€Line Monitoring of Emulsion Polymerization Reactions Combining Heat Flow and Heat Balance Calorimetry. Macromolecular Reaction Engineering, 2010, 4, 682-690.	0.9	11
136	Kinetics of MMA and VAc Miniemulsion Polymerizations Using Miglyol and Castor Oil as Hydrophobe and Liquid Core. Chemical Engineering and Technology, 2010, 33, 1877-1887.	0.9	23
137	Rapid decomposition of a cationic azoâ€initiator under microwave irradiation. Journal of Applied Polymer Science, 2010, 118, 1421-1429.	1.3	4
138	Hydrolysis of acetic anhydride: Non-adiabatic calorimetric determination of kinetics and heat exchange. Chemical Engineering Science, 2010, 65, 3849-3858.	1.9	26
139	Swelling of organoclays in styrene. Effect on flammability in polystyrene nanocomposites. EXPRESS Polymer Letters, 2010, 4, 500-508.	1.1	12
140	Nanoencapsulation of Quercetin via Miniemulsion Polymerization. Journal of Biomedical Nanotechnology, 2010, 6, 181-186.	0.5	34
141	Development of a Continuous Emulsion Copolymerization Process in a Tubular Reactor. Industrial & Engineering Chemistry Research, 2010, 49, 10262-10273.	1.8	8
142	Control Strategy with Distributed Action for Minimization of Transients in Distillation Column. Computer Aided Chemical Engineering, 2009, 27, 1527-1532.	0.3	4
143	Nanocapsules by Miniemulsion Polymerization with Biodegradable Surfactant and Hydrophobe. Macromolecular Chemistry and Physics, 2009, 210, 747-751.	1.1	28
144	Kinetic advantages of using microwaves in the emulsion polymerization of MMA. Materials Science and Engineering C, 2009, 29, 415-419.	3.8	30

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145	Polymeric nanocapsules via miniemulsion polymerization using redox initiation. Materials Science and Engineering C, 2009, 29, 514-518.	3.8	29
146	Microwave-assisted rapid decomposition of persulfate. European Polymer Journal, 2009, 45, 2011-2016.	2.6	48
147	Application of a new startup procedure using distributed heating along distillation column. Chemical Engineering and Processing: Process Intensification, 2009, 48, 1487-1494.	1.8	13
148	Experimental Startup of a Distillation Column Using New Proposal of Distributed Heating for Reducing Transients. Computer Aided Chemical Engineering, 2009, 27, 1533-1538.	0.3	0
149	Effect of Cooling Fluid Flow Rate on the Estimation of Conversion by Calorimetry in a Lab-Scale Reactor. Macromolecular Symposia, 2008, 271, 38-47.	0.4	9
150	Coagulation of Carboxylic Acidâ€Functionalized Latexes. Macromolecular Symposia, 2008, 271, 99-106.	0.4	3
151	Comparison of techniques for the determination of conversion during suspension polymerization reactions. Brazilian Journal of Chemical Engineering, 2008, 25, 399-407.	0.7	21
152	Spectroscopic on-line monitoring of reactions in dispersed medium: Chemometric challenges. Analytica Chimica Acta, 2007, 595, 257-265.	2.6	49
153	Application of Calorimetry Technique to Estimate Conversion of Polymerization Reactions in a Standard Lab-Scale Reactor. Macromolecular Symposia, 2006, 245-246, 390-397.	0.4	3
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155	Initiation Efficiency Reduction in Semicontinuous Styrene and Butyl Acrylate Emulsion Copolymerization Reactions. Macromolecular Symposia, 2006, 243, 200-214.	0.4	1
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