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	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
2	Techniques for reducing residual monomer content in polymers: A review. Polymer Engineering and Science, 2002, 42, 1442-1468.	1.5	125
3	Thiol-ene polymerisation: A promising technique to obtain novel biomaterials. European Polymer Journal, 2017, 86, 200-215.	2.6	104
4	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
5	Bio-Based Lignin Nanocarriers Loaded with Fungicides as a Versatile Platform for Drug Delivery in Plants. Biomacromolecules, 2020, 21, 2755-2763.	2.6	82
6	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
7	Dynamic optimization of semicontinuous emulsion copolymerization reactions: composition and molecular weight distribution. Computers and Chemical Engineering, 2001, 25, 839-849.	2.0	50
8	Spectroscopic on-line monitoring of reactions in dispersed medium: Chemometric challenges. Analytica Chimica Acta, 2007, 595, 257-265.	2.6	49
9	In-line andin situ monitoring of semi-batch emulsion copolymerizations using near-infrared spectroscopy. Journal of Applied Polymer Science, 2002, 84, 2670-2682.	1.3	48
10	Microwave-assisted rapid decomposition of persulfate. European Polymer Journal, 2009, 45, 2011-2016.	2.6	48
11	Cellulase immobilization on magnetic nanoparticles encapsulated in polymer nanospheres. Bioprocess and Biosystems Engineering, 2017, 40, 511-518.	1.7	48
12	Dynamic optimization of non-linear emulsion copolymerization systems Open-loop control of composition and molecular weight distribution. Chemical Engineering Journal, 2002, 85, 339-349.	6.6	45
13	Computation of molecular weight distributions by polynomial approximation with complete adaptation procedures. Macromolecular Theory and Simulations, 1999, 8, 199-213.	0.6	43
14	Encapsulation of roasted coffee oil in biocompatible nanoparticles. LWT - Food Science and Technology, 2015, 64, 381-389.	2.5	43
15	Evaluation of thein vivoacute antiinflammatory response of curcumin-loaded nanoparticles. Food and Function, 2018, 9, 440-449.	2.1	42
16	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
17	Enzymatic ring opening polymerization of Ï‰-pentadecalactone using supercritical carbon dioxide. Journal of Supercritical Fluids, 2017, 119, 221-228.	1.6	41
18	Curcumin encapsulation in functional PLGA nanoparticles: A promising strategy for cancer therapies. Advances in Colloid and Interface Science, 2022, 300, 102582.	7.0	40

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19	Online Monitoring of Suspension Polymerization Reactions Using Raman Spectroscopy. Industrial & Engineering Chemistry Research, 2004, 43, 7282-7289.	1.8	39
20	Thiol-ene miniemulsion polymerization of a biobased monomer for biomedical applications. Colloids and Surfaces B: Biointerfaces, 2017, 159, 509-517.	2.5	39
21	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
22	In Situ Near-Infrared Spectroscopy for Simultaneous Monitoring of Multiple Process Variables in Emulsion Copolymerization. Industrial & Engineering Chemistry Research, 2004, 43, 7243-7250.	1.8	38
23	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
24	Evidences of correlation between polymer particle size and Raman scattering. Polymer, 2003, 44, 6123-6128.	1.8	37
25	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
26	Molecular weight distribution in composition controlled emulsion copolymerization. Journal of Polymer Science Part A, 2000, 38, 1100-1109.	2.5	35
27	pH-responsive physically and chemically cross-linked glutamic-acid-based hydrogels and nanogels. European Polymer Journal, 2018, 101, 341-349.	2.6	35
28	Nanoencapsulation of Quercetin via Miniemulsion Polymerization. Journal of Biomedical Nanotechnology, 2010, 6, 181-186.	0.5	34
29	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
30	Synthesis and Characterization of Poly(Methyl Methacrylate) PMMA and Evaluation of Cytotoxicity for Biomedical Application. Macromolecular Symposia, 2014, 343, 65-69.	0.4	33
31	Detection of monomer droplets in a polymer latex by near-infrared spectroscopy. Polymer, 2001, 42, 8901-8906.	1.8	32
32	Magnetic Polymer/Nickel Hybrid Nanoparticles Via Miniemulsion Polymerization. Macromolecular Chemistry and Physics, 2013, 214, 2213-2222.	1.1	31
33	Modeling molecular weight distribution in emulsion polymerization reactions with transfer to polymer. Journal of Polymer Science Part A, 2001, 39, 3513-3528.	2.5	30
34	Kinetic advantages of using microwaves in the emulsion polymerization of MMA. Materials Science and Engineering C, 2009, 29, 415-419.	3.8	30
35	Compartmentalization Effects on Miniemulsion Polymerization with Oilâ€Soluble Initiator. Macromolecular Reaction Engineering, 2013, 7, 221-231.	0.9	30
36	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

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37	Correlation between Polymer Particle Size and in-situ NIR Spectra. Macromolecular Rapid Communications, 2003, 24, 620-624.	2.0	29
38	Polymeric nanocapsules via miniemulsion polymerization using redox initiation. Materials Science and Engineering C, 2009, 29, 514-518.	3.8	29
39	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
40	Closed-Loop Composition and Molecular Weight Control of a Copolymer Latex Using Near-Infrared Spectroscopy. Industrial & Engineering Chemistry Research, 2002, 41, 2915-2930.	1.8	28
41	Comparing near infrared and Raman spectroscopy for on-line monitoring of emulsion copolymerization reactions. Macromolecular Symposia, 2004, 206, 165-178.	0.4	28
42	Nanocapsules by Miniemulsion Polymerization with Biodegradable Surfactant and Hydrophobe. Macromolecular Chemistry and Physics, 2009, 210, 747-751.	1.1	28
43	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
44	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
45	Encapsulation of magnetic nickel nanoparticles via inverse miniemulsion polymerization. Journal of Applied Polymer Science, 2013, 129, 1426-1433.	1.3	27
46	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
47	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
48	Development of calibration models for estimation of monomer concentration by Raman spectroscopy during emulsion polymerization: Facing the medium heterogeneity. Journal of Applied Polymer Science, 2004, 93, 1136-1150.	1.3	26
49	Hydrolysis of acetic anhydride: Non-adiabatic calorimetric determination of kinetics and heat exchange. Chemical Engineering Science, 2010, 65, 3849-3858.	1.9	26
50	Biocatalysis of aromatic benzyl-propionate ester by different immobilized lipases. Bioprocess and Biosystems Engineering, 2018, 41, 585-591.	1.7	26
51	Polyesters from Macrolactones Using Commercial Lipase NS 88011 and Novozym 435 as Biocatalysts. Applied Biochemistry and Biotechnology, 2018, 184, 659-672.	1.4	26
52	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
53	Modeling of MWD in Emulsion Polymerization: Partial Distinction Approach. Polymer-Plastics Technology and Engineering, 1998, 6, 193-223.	0.7	25
54	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

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55	Simultaneous encapsulation of magnetic nanoparticles and zinc phthalocyanine in poly(methyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Surfaces B: Biointerfaces, 2015, 135, 357-364.	2.5	25
56	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
57	Flexible polyurethane foams produced from industrial residues and castor oil. Industrial Crops and Products, 2021, 164, 113377.	2.5	25
58	Control strategies for complex chemical processes. Applications in polymerization processes. Computers and Chemical Engineering, 2003, 27, 1307-1327.	2.0	24
59	Encapsulation of Jojoba and Andiroba Oils by Miniemulsion Polymerization. Effect on Molar Mass Distribution. Macromolecular Symposia, 2013, 324, 114-123.	0.4	24
60	Emulsion copolymerization of styrene and acrylated methyl oleate. European Journal of Lipid Science and Technology, 2014, 116, 37-43.	1.0	24
61	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
62	Preparation of poly(urethane-urea) nanoparticles containing aÃ§aÃ-oil by miniemulsion polymerization. Polimeros, 2013, 23, 451-455.	0.2	24
63	Monitoring emulsion homopolymerization reactions using FT-Raman spectroscopy. Brazilian Journal of Chemical Engineering, 2005, 22, 61-74.	0.7	23
64	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
65	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
66	Degradable polyurethane nanoparticles containing vegetable oils. European Journal of Lipid Science and Technology, 2014, 116, 24-30.	1.0	22
67	Immobilization of Candida antarctica Lipase B on Magnetic Poly(Urea-Urethane) Nanoparticles. Applied Biochemistry and Biotechnology, 2016, 180, 558-575.	1.4	22
68	Enzymatically catalyzed degradation of poly (thioether-ester) nanoparticles. Polymer Degradation and Stability, 2018, 156, 211-217.	2.7	22
69	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
70	Modeling Continuous Vinyl Acetate Emulsion Polymerization Reactions in a Pulsed Sieve Plate Column. Industrial & Engineering Chemistry Research, 2002, 41, 1733-1744.	1.8	21
71	Comparison of techniques for the determination of conversion during suspension polymerization reactions. Brazilian Journal of Chemical Engineering, 2008, 25, 399-407.	0.7	21
72	<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

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73	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
74	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
75	Synthesis of PEG-PCL-based polyurethane nanoparticles by miniemulsion polymerization. Colloids and Surfaces B: Biointerfaces, 2015, 135, 35-41.	2.5	20
76	Polyurethane Foams Based on Biopolyols from Castor Oil and Glycerol. Journal of Polymers and the Environment, 2018, 26, 2467-2475.	2.4	20
77	ADMET reactions in miniemulsion. Journal of Polymer Science Part A, 2014, 52, 1300-1305.	2.5	18
78	Cationic miniemulsion polymerization of styrene mediated by imidazolium based ionic liquid. European Polymer Journal, 2018, 104, 51-56.	2.6	18
79	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
80	Kinetics of the seeded semicontinuous emulsion copolymerization of methyl methacrylate and butyl acrylate. Journal of Polymer Science Part A, 2000, 38, 367-375.	2.5	17
81	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
82	Ionic liquid as surfactant in microwaveâ€assisted emulsion polymerization. Journal of Applied Polymer Science, 2013, 127, 448-455.	1.3	16
83	Calorimetric Estimation Employing the Unscented Kalman Filter for a Batch Emulsion Polymerization Reactor. Macromolecular Reaction Engineering, 2013, 7, 24-35.	0.9	16
84	Characterization of progesterone loaded biodegradable blend polymeric nanoparticles. Ciencia Rural, 2015, 45, 2082-2088.	0.3	16
85	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
86	Design of Cross-Linked Starch Nanocapsules for Enzyme-Triggered Release of Hydrophilic Compounds. Processes, 2017, 5, 25.	1.3	16
87	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
88	Hydrolysis of poly(hydroxybutyrateâ€coâ€hydroxyvalerate) nanoparticles. Journal of Applied Polymer Science, 2013, 128, 3093-3098.	1.3	15
89	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
90	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

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91	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
92	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
93	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
94	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
95	Poly(thioether-ester) nanoparticles entrapping clove oil for antioxidant activity improvement. Journal of Polymer Research, 2017, 24, 1.	1.2	14
96	Cellulose nanocarriers via miniemulsion allow Pathogen-Specific agrochemical delivery. Journal of Colloid and Interface Science, 2021, 601, 678-688.	5.0	14
97	Recent advances and challenges on enzymatic synthesis of biobased polyesters via polycondensation. European Polymer Journal, 2022, 169, 111132.	2.6	14
98	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
99	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
100	Swelling of organoclays in styrene. Effect on flammability in polystyrene nanocomposites. EXPRESS Polymer Letters, 2010, 4, 500-508.	1.1	12
101	Polyester nanoparticles from macrolactones via miniemulsion enzymatic ring-opening polymerization. Colloid and Polymer Science, 2018, 296, 861-869.	1.0	12
102	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
103	Dynamic modeling of SBR emulsion polymerization reactors refrigerated by thermosyphons. Chemical Engineering Science, 1997, 52, 341-356.	1.9	11
104	Inâ€Line Monitoring of Emulsion Polymerization Reactions Combining Heat Flow and Heat Balance Calorimetry. Macromolecular Reaction Engineering, 2010, 4, 682-690.	0.9	11
105	ALTMET Polymerization of Amino Acid-Based Monomers Targeting Controlled Drug Release. Macromolecules, 2016, 49, 6723-6730.	2.2	11
106	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
107	CELLULASE IMMOBILIZATION ON POLY(METHYL METHACRYLATE) NANOPARTICLES BY MINIEMULSION POLYMERIZATION. Brazilian Journal of Chemical Engineering, 2018, 35, 649-658.	0.7	11
108	Increased in vitro leishmanicidal activity of octyl gallate loaded poly(methyl methacrylate) nanoparticles. Pharmaceutical Development and Technology, 2019, 24, 593-599.	1.1	11

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109	Polyesters with main and side chain phosphoesters as structural motives for biocompatible electrospun fibres. Polymer Chemistry, 2020, 11, 2157-2165.	1.9	11
110	Enzymatic synthesis of benzyl benzoate using different acyl donors: Comparison of solvent-free reaction techniques. Process Biochemistry, 2020, 92, 261-268.	1.8	11
111	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
112	Kinetics of vinyl acetate emulsion polymerization in a pulsed tubular reactor: comparison between experimental and simulation results. Brazilian Journal of Chemical Engineering, 2002, 19, 425-431.	0.7	10
113	Acrylamide inverse miniemulsion polymerization: in situ, real-time monitoring using nir spectroscopy. Brazilian Journal of Chemical Engineering, 2014, 31, 925-933.	0.7	10
114	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
115	High Molecular Weight Polystyrene Obtained by Cationic Emulsion Polymerization Catalyzed by Imidazoliumâ€Based Ionic Liquid. Macromolecular Reaction Engineering, 2019, 13, 1800061.	0.9	10
116	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
117	Butyl acrylate and vinyl acetate semicontinuous emulsion copolymerizations: study of stabilization performance. Macromolecular Symposia, 2004, 206, 179-190.	0.4	9
118	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
119	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
120	A COMPARISON OF DIFFERENT MODELING APPROACHES FOR THE SIMULATION OF THE TRANSIENT AND STEADY-STATE BEHAVIOR OF CONTINUOUS EMULSION POLYMERIZATIONS IN PULSED TUBULAR REACTORS. Brazilian Journal of Chemical Engineering, 2002, 19, 89-104.	0.7	9
121	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
122	Development of a Continuous Emulsion Copolymerization Process in a Tubular Reactor. Industrial & Engineering Chemistry Research, 2010, 49, 10262-10273.	1.8	8
123	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
124	Mathematical modeling of molecular weight distribution in miniemulsion polymerization with oilâ€soluble initiator. AICHE Journal, 2017, 63, 2128-2140.	1.8	8
125	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
126	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

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127	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
128	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
129	Poly(Ureaâ€“Urethane) Synthesis by Miniemulsion Polymerization Using Microwaves and Conventional Polymerization. Macromolecular Reaction Engineering, 2015, 9, 48-59.	0.9	7
130	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
131	PLLA/PMMA blend in polymer nanoparticles: influence of processing methods. Colloid and Polymer Science, 2017, 295, 1621-1633.	1.0	7
132	Crosslinking of Electrospun Fibres from Unsaturated Polyesters by Bis-Triazolinediones (TAD). Polymers, 2019, 11, 1808.	2.0	7
133	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
134	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
135	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
136	Superparamagnetic biobased poly(thioetherâ€ester) via thiolâ€ene polymerization in miniemulsion for hyperthermia. Journal of Applied Polymer Science, 2021, 138, 49741.	1.3	7
137	Simulation of emulsion copolymerization reactions in a continuous pulsed sieve-plate column reactor. Brazilian Journal of Chemical Engineering, 2004, 21, 459-470.	0.7	7
138	Comparison of Vinyl Acetate - Butyl Acrylate Emulsion Copolymerizations Conducted in a Continuous Pulsed Sieve Plate Column Reactor and in a Batch Stirred Tank Reactor. Macromolecular Symposia, 2006, 243, 147-158.	0.4	6
139	Styrene Miniemulsion Polymerization: Incorporation of Nâ€Alkanes. Macromolecular Symposia, 2012, 319, 54-63.	0.4	6
140	Monitoring Pyrrol Polymerization Using Onâ€Line Conductivity Measurements and Neural Networks. Macromolecular Symposia, 2013, 333, 113-121.	0.4	6
141	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
142	Monomer-in-water miniemulsions by membrane emulsification. Chemical Engineering and Processing: Process Intensification, 2017, 120, 251-257.	1.8	6
143	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
144	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

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145	Investigation of Stabilization and Kinetics in the Semi-Continuous Emulsion Copolymerization of Vinyl Acetate and Butyl Acrylate using Carboxylic Monomers. Macromolecular Symposia, 2006, 245-246, 61-67.	0.4	5
146	Synthesis of Polymer Particles with Core-Shell Morphologies. , 2010, , 29-59.		5
147	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
148	DEVELOPMENT OF ANTIOXIDANT POLY(THIOETHER-ESTER) NANOPARTICLES. Brazilian Journal of Chemical Engineering, 2018, 35, 691-698.	0.7	5
149	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
150	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
151	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
152	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
153	Thermal performance of nanoencapsulated phase change material in high molecular weight polystyrene. Polimeros, 2020, 30, .	0.2	5
154	Batch and Semicontinuous Styreneâ€“Butadiene Emulsion Copolymerization Reactions. Macromolecular Symposia, 2006, 243, 114-122.	0.4	4
155	Control Strategy with Distributed Action for Minimization of Transients in Distillation Column. Computer Aided Chemical Engineering, 2009, 27, 1527-1532.	0.3	4
156	Rapid decomposition of a cationic azoâ€initiator under microwave irradiation. Journal of Applied Polymer Science, 2010, 118, 1421-1429.	1.3	4
157	Microwave Effects Due to Anionic or Cationic Initiators in Emulsion Polymerization Reactions. Macromolecular Symposia, 2011, 302, 161-168.	0.4	4
158	Incorporation of PMMA and PS in Styrene and Methyl methacrylate Miniemulsion Homopolymerization. Macromolecular Symposia, 2011, 299-300, 41-47.	0.4	4
159	MODELING PARTICLE SIZE DISTRIBUTION IN HETEROGENEOUS POLYMERIZATION SYSTEMS USING MULTIMODAL LOGNORMAL FUNCTION. Brazilian Journal of Chemical Engineering, 2016, 33, 469-478.	0.7	4
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