

Pedro Henrique Hermes de Araujo

List of Publications by Year in descending order

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203
papers

4,088
citations

159358

30
h-index

197535

49
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206
all docs

206
docs citations

206
times ranked

4392
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on enzymatic synthesis of aromatic esters used as flavor ingredients for food, cosmetics and pharmaceuticals industries. Trends in Food Science and Technology, 2017, 69, 95-105.	7.8	174
2	Use of encapsulated natural compounds as antimicrobial additives in food packaging: A brief review. Trends in Food Science and Technology, 2018, 81, 51-60.	7.8	143
3	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
4	Techniques for reducing residual monomer content in polymers: A review. Polymer Engineering and Science, 2002, 42, 1442-1468.	1.5	125
5	Elucidating the choice for a precise matrix for laccase immobilization: A review. Chemical Engineering Journal, 2020, 397, 125506.	6.6	108
6	Thiol-ene polymerisation: A promising technique to obtain novel biomaterials. European Polymer Journal, 2017, 86, 200-215.	2.6	104
7	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
8	Validation of an Ultraviolet-visible (UV-Vis) technique for the quantitative determination of curcumin in poly(l-lactic acid) nanoparticles. Food Chemistry, 2015, 172, 99-104.	4.2	86
9	Bio-Based Lignin Nanocarriers Loaded with Fungicides as a Versatile Platform for Drug Delivery in Plants. Biomacromolecules, 2020, 21, 2755-2763.	2.6	82
10	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
11	Spectroscopic on-line monitoring of reactions in dispersed medium: Chemometric challenges. Analytica Chimica Acta, 2007, 595, 257-265.	2.6	49
12	Microwave-assisted rapid decomposition of persulfate. European Polymer Journal, 2009, 45, 2011-2016.	2.6	48
13	Cellulase immobilization on magnetic nanoparticles encapsulated in polymer nanospheres. Bioprocess and Biosystems Engineering, 2017, 40, 511-518.	1.7	48
14	Synthesis of PS/PMMA Core-Shell Structured Particles by Seeded Suspension Polymerization. Macromolecules, 2008, 41, 6960-6964.	2.2	45
15	Modeling Particle Size Distribution (PSD) in Emulsion Copolymerization Reactions in a Continuous Loop Reactor. Macromolecular Theory and Simulations, 2001, 10, 769-779.	0.6	44
16	Encapsulation of roasted coffee oil in biocompatible nanoparticles. LWT - Food Science and Technology, 2015, 64, 381-389.	2.5	43
17	Evaluation of the <i>in vivo</i> acute antiinflammatory response of curcumin-loaded nanoparticles. Food and Function, 2018, 9, 440-449.	2.1	42
18	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

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19	Enzymatic ring opening polymerization of ϵ -pentadecalactone using supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2017, 119, 221-228.	1.6	41
20	Online Monitoring of Suspension Polymerization Reactions Using Raman Spectroscopy. <i>Industrial & Engineering Chemistry Research</i> , 2004, 43, 7282-7289.	1.8	39
21	Thiol-ene miniemulsion polymerization of a biobased monomer for biomedical applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 509-517.	2.5	39
22	In Situ Near-Infrared Spectroscopy for Simultaneous Monitoring of Multiple Process Variables in Emulsion Copolymerization. <i>Industrial & Engineering Chemistry Research</i> , 2004, 43, 7243-7250.	1.8	38
23	Encapsulation of geranyl cinnamate in polycaprolactone nanoparticles. <i>Materials Science and Engineering C</i> , 2019, 97, 198-207.	3.8	38
24	Evidences of correlation between polymer particle size and Raman scattering. <i>Polymer</i> , 2003, 44, 6123-6128.	1.8	37
25	Analytical validation of an ultraviolet-visible procedure for determining lutein concentration and application to lutein-loaded nanoparticles. <i>Food Chemistry</i> , 2017, 230, 336-342.	4.2	36
26	Biopolymer-based nanocarriers for sustained release of agrochemicals: A review on materials and social science perspectives for a sustainable future of agri- and horticulture. <i>Advances in Colloid and Interface Science</i> , 2022, 303, 102645.	7.0	36
27	pH-responsive physically and chemically cross-linked glutamic-acid-based hydrogels and nanogels. <i>European Polymer Journal</i> , 2018, 101, 341-349.	2.6	35
28	Nanoencapsulation of Quercetin via Miniemulsion Polymerization. <i>Journal of Biomedical Nanotechnology</i> , 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. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 176, 507-512.	2.5	34
30	Synthesis and Characterization of Poly(Methyl Methacrylate) PMMA and Evaluation of Cytotoxicity for Biomedical Application. <i>Macromolecular Symposia</i> , 2014, 343, 65-69.	0.4	33
31	Comparative cytotoxic effect of citrate-capped gold nanoparticles with different sizes on noncancerous and cancerous cell lines. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	0.8	32
32	Magnetic Polymer/Nickel Hybrid Nanoparticles Via Miniemulsion Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 2213-2222.	1.1	31
33	Modeling molecular weight distribution in emulsion polymerization reactions with transfer to polymer. <i>Journal of Polymer Science Part A</i> , 2001, 39, 3513-3528.	2.5	30
34	Kinetic advantages of using microwaves in the emulsion polymerization of MMA. <i>Materials Science and Engineering C</i> , 2009, 29, 415-419.	3.8	30
35	Compartmentalization Effects on Miniemulsion Polymerization with Oil-Soluble Initiator. <i>Macromolecular Reaction Engineering</i> , 2013, 7, 221-231.	0.9	30
36	Biocompatible Polymeric Nanoparticles From Castor Oil Derivatives via Thiol-ene Miniemulsion Polymerization. <i>European Journal of Lipid Science and Technology</i> , 2018, 120, 1700212.	1.0	30

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37	Correlation between Polymer Particle Size and in-situ NIR Spectra. <i>Macromolecular Rapid Communications</i> , 2003, 24, 620-624.	2.0	29
38	Polymeric nanocapsules via miniemulsion polymerization using redox initiation. <i>Materials Science and Engineering C</i> , 2009, 29, 514-518.	3.8	29
39	Comparing near infrared and Raman spectroscopy for on-line monitoring of emulsion copolymerization reactions. <i>Macromolecular Symposia</i> , 2004, 206, 165-178.	0.4	28
40	Nanocapsules by Miniemulsion Polymerization with Biodegradable Surfactant and Hydrophobe. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 747-751.	1.1	28
41	Encapsulation of clove oil in nanostructured lipid carriers from natural waxes: Preparation, characterization and in vitro evaluation of the cholinesterase enzymes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 583, 123879.	2.3	28
42	Simultaneous encapsulation of zinc oxide and octocrylene in poly (methyl methacrylate-co-styrene) nanoparticles obtained by miniemulsion polymerization for use in sunscreen formulations. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 561, 39-46.	2.3	28
43	Phase behavior of carbon dioxide + medroxyprogesterone acetate system at high pressures. <i>Fluid Phase Equilibria</i> , 2013, 349, 1-11.	1.4	27
44	Encapsulation of magnetic nickel nanoparticles via inverse miniemulsion polymerization. <i>Journal of Applied Polymer Science</i> , 2013, 129, 1426-1433.	1.3	27
45	Immobilization of <i>Candida antarctica</i> lipase B on PEGylated poly(urea-urethane) nanoparticles by step miniemulsion polymerization. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 109, 116-121.	1.8	27
46	Development of calibration models for estimation of monomer concentration by Raman spectroscopy during emulsion polymerization: Facing the medium heterogeneity. <i>Journal of Applied Polymer Science</i> , 2004, 93, 1136-1150.	1.3	26
47	Preparation of curcumin-loaded nanoparticles and determination of the antioxidant potential of curcumin after encapsulation. <i>Polimeros</i> , 2016, 26, 207-214.	0.2	26
48	Biocatalysis of aromatic benzyl-propionate ester by different immobilized lipases. <i>Bioprocess and Biosystems Engineering</i> , 2018, 41, 585-591.	1.7	26
49	Polyesters from Macrolactones Using Commercial Lipase NS 88011 and Novozym 435 as Biocatalysts. <i>Applied Biochemistry and Biotechnology</i> , 2018, 184, 659-672.	1.4	26
50	Production of clove oil nanoemulsion with rapid and enhanced antimicrobial activity against gram ⁺ and gram ⁻ bacteria. <i>Journal of Food Process Engineering</i> , 2019, 42, e13209.	1.5	26
51	Emulsion Polymerization in a Loop Reactor: Effect of the Operation Conditions. <i>Polymer-Plastics Technology and Engineering</i> , 1999, 7, 303-326.	0.7	25
52	Secondary particle formation in seeded suspension polymerization. <i>Polymer</i> , 2009, 50, 375-381.	1.8	25
53	Kinetic Study of <i>Candida antarctica</i> Lipase B Immobilization Using Poly(Methyl Methacrylate) Nanoparticles Obtained by Miniemulsion Polymerization as Support. <i>Applied Biochemistry and Biotechnology</i> , 2015, 175, 2961-2971.	1.4	25
54	Simultaneous encapsulation of magnetic nanoparticles and zinc phthalocyanine in poly(methyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Surfaces B: Biointerfaces, 2015, 135, 357-364.	2.5	25

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55	Synthesis and modification of polyurethane for immobilization of <i>Thermomyces lanuginosus</i> (TLL) lipase for ethanolysis of fish oil in solvent free system. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2015, 122, 163-169.	1.8	25
56	Flexible polyurethane foams produced from industrial residues and castor oil. <i>Industrial Crops and Products</i> , 2021, 164, 113377.	2.5	25
57	Encapsulation of Jojoba and Andiroba Oils by Miniemulsion Polymerization. Effect on Molar Mass Distribution. <i>Macromolecular Symposia</i> , 2013, 324, 114-123.	0.4	24
58	Emulsion copolymerization of styrene and acrylated methyl oleate. <i>European Journal of Lipid Science and Technology</i> , 2014, 116, 37-43.	1.0	24
59	Benzyl butyrate esterification mediated by immobilized lipases: Evaluation of batch and fed-batch reactors to overcome lipase-acid deactivation. <i>Process Biochemistry</i> , 2019, 78, 50-57.	1.8	24
60	Preparation of poly(urethane-urea) nanoparticles containing a ÷a ÷-oil by miniemulsion polymerization. <i>Polimeros</i> , 2013, 23, 451-455.	0.2	24
61	Monitoring emulsion homopolymerization reactions using FT-Raman spectroscopy. <i>Brazilian Journal of Chemical Engineering</i> , 2005, 22, 61-74.	0.7	23
62	Kinetics of MMA and VAc Miniemulsion Polymerizations Using Miglyol and Castor Oil as Hydrophobe and Liquid Core. <i>Chemical Engineering and Technology</i> , 2010, 33, 1877-1887.	0.9	23
63	Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) nanoparticles prepared by a miniemulsion/solvent evaporation technique: effect of phbv molar mass and concentration. <i>Brazilian Journal of Chemical Engineering</i> , 2013, 30, 369-377.	0.7	23
64	Degradable polyurethane nanoparticles containing vegetable oils. <i>European Journal of Lipid Science and Technology</i> , 2014, 116, 24-30.	1.0	22
65	Immobilization of <i>Candida antarctica</i> Lipase B on Magnetic Poly(Urea-Urethane) Nanoparticles. <i>Applied Biochemistry and Biotechnology</i> , 2016, 180, 558-575.	1.4	22
66	Synthesis of geranyl cinnamate by lipase-catalyzed reaction and its evaluation as an antimicrobial agent. <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 115-121.	1.6	22
67	Enzymatically catalyzed degradation of poly (thioether-ester) nanoparticles. <i>Polymer Degradation and Stability</i> , 2018, 156, 211-217.	2.7	22
68	Synthesis of a green polyurethane foam from a biopolyol obtained by enzymatic glycerolysis and its use for immobilization of lipase NS-40116. <i>Bioprocess and Biosystems Engineering</i> , 2019, 42, 213-222.	1.7	22
69	Comparison of techniques for the determination of conversion during suspension polymerization reactions. <i>Brazilian Journal of Chemical Engineering</i> , 2008, 25, 399-407.	0.7	21
70	<I>In Vitro</I> Cytotoxicity of Poly(Methyl Methacrylate) Nanoparticles and Nanocapsules Obtained by Miniemulsion Polymerization for Drug Delivery Application. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 7669-7676.	0.9	21
71	Co-encapsulation of sodium diethyldithiocarbamate (DETC) and zinc phthalocyanine (ZnPc) in liposomes promotes increases phototoxic activity against (MDA-MB 231) human breast cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 197, 111434.	2.5	21
72	Preparation and cellular uptake behaviors of uniform fiber-like micelles with length controllability and high colloidal stability in aqueous media. <i>Fundamental Research</i> , 2023, 3, 93-101.	1.6	21

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73	Optimization of semicontinuous emulsion polymerization reactions by IDP procedure with variable time intervals. <i>Computers and Chemical Engineering</i> , 2003, 27, 1345-1360.	2.0	20
74	Synthesis of PEG-PCL-based polyurethane nanoparticles by miniemulsion polymerization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 135, 35-41.	2.5	20
75	Enzymatic ring opening copolymerization of globalide and ϵ -caprolactone under supercritical conditions. <i>Journal of Supercritical Fluids</i> , 2017, 128, 404-411.	1.6	20
76	Polyurethane Foams Based on Biopolyols from Castor Oil and Glycerol. <i>Journal of Polymers and the Environment</i> , 2018, 26, 2467-2475.	2.4	20
77	Covalently Binding of Bovine Serum Albumin to Unsaturated Poly(Globalide-co- ϵ -Caprolactone) Nanoparticles by Thiol-ene Reactions. <i>Macromolecular Bioscience</i> , 2019, 19, e1900145.	2.1	19
78	ADMET reactions in miniemulsion. <i>Journal of Polymer Science Part A</i> , 2014, 52, 1300-1305.	2.5	18
79	Cationic miniemulsion polymerization of styrene mediated by imidazolium based ionic liquid. <i>European Polymer Journal</i> , 2018, 104, 51-56.	2.6	18
80	Epoxidation of (+)-Limonene to 1,2-Limonene Oxide Mediated by Low-Cost Immobilized <i>Candida antarctica</i> Lipase Fraction B. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 13918-13925.	1.8	18
81	N-acetylcysteine side-chain functionalization of poly(globalide-co- ϵ -caprolactone) through thiol-ene reaction. <i>Materials Science and Engineering C</i> , 2019, 94, 477-483.	3.8	18
82	Enzymatic ring opening polymerization of ϵ -Pentadecalactone in different solvents in a variable-volume view reactor. <i>Journal of Polymer Science Part A</i> , 2017, 55, 1219-1227.	2.5	17
83	Ionic liquid as surfactant in microwave-assisted emulsion polymerization. <i>Journal of Applied Polymer Science</i> , 2013, 127, 448-455.	1.3	16
84	Calorimetric Estimation Employing the Unscented Kalman Filter for a Batch Emulsion Polymerization Reactor. <i>Macromolecular Reaction Engineering</i> , 2013, 7, 24-35.	0.9	16
85	Characterization of progesterone loaded biodegradable blend polymeric nanoparticles. <i>Ciencia Rural</i> , 2015, 45, 2082-2088.	0.3	16
86	Incorporation of superparamagnetic nanoparticles into poly(urea-urethane) nanoparticles by step growth interfacial polymerization in miniemulsion. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 482, 596-603.	2.3	16
87	Design of Cross-Linked Starch Nanocapsules for Enzyme-Triggered Release of Hydrophilic Compounds. <i>Processes</i> , 2017, 5, 25.	1.3	16
88	4-nitrochalcone exerts leishmanicidal effect on <i>L. amazonensis</i> promastigotes and intracellular amastigotes, and the 4-nitrochalcone encapsulation in beeswax copaiba oil nanoparticles reduces macrophages cytotoxicity. <i>European Journal of Pharmacology</i> , 2020, 884, 173392.	1.7	16
89	Effects of Operational Parameters on Particle Size Distributions in Methyl Methacrylate Suspension Polymerization. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 9116-9122.	1.8	15
90	Hydrolysis of poly(hydroxybutyrate-co-hydroxyvalerate) nanoparticles. <i>Journal of Applied Polymer Science</i> , 2013, 128, 3093-3098.	1.3	15

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91	Evaluation of <i>in vitro</i> cytotoxicity of superparamagnetic poly(thioether-ester) nanoparticles on erythrocytes, non-tumor (NIH3T3), tumor (HeLa) cells and hyperthermia studies. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 1935-1948.	1.9	15
92	Synthesis of a biobased monomer derived from castor oil and copolymerization in aqueous medium. <i>Chemical Engineering Research and Design</i> , 2018, 137, 213-220.	2.7	15
93	Functionalized kaolin as support for endoglucanase immobilization. <i>Bioprocess and Biosystems Engineering</i> , 2019, 42, 1165-1173.	1.7	15
94	Immobilization of lipase Eversa Transform 2.0 on poly(urea-urethane) nanoparticles obtained using a biopolyol from enzymatic glycerolysis. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 1279-1286.	1.7	15
95	Superparamagnetic poly(methyl methacrylate) nanoparticles surface modified with folic acid presenting cell uptake mediated by endocytosis. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	0.8	14
96	Increased cellular uptake of lauryl gallate loaded in superparamagnetic poly(methyl methacrylate) nanoparticles due to surface modification with folic acid. <i>Journal of Materials Science: Materials in Medicine</i> , 2016, 27, 185.	1.7	14
97	Simultaneous single-step immobilization of <i>Candida antarctica</i> lipase B and incorporation of magnetic nanoparticles on poly(urea-urethane) nanoparticles by interfacial miniemulsion polymerization. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 131, 31-35.	1.8	14
98	Poly(thioether-ester) nanoparticles entrapping clove oil for antioxidant activity improvement. <i>Journal of Polymer Research</i> , 2017, 24, 1.	1.2	14
99	Cellulose nanocarriers via miniemulsion allow Pathogen-Specific agrochemical delivery. <i>Journal of Colloid and Interface Science</i> , 2021, 601, 678-688.	5.0	14
100	Recent advances and challenges on enzymatic synthesis of biobased polyesters via polycondensation. <i>European Polymer Journal</i> , 2022, 169, 111132.	2.6	14
101	Application of a new startup procedure using distributed heating along distillation column. <i>Chemical Engineering and Processing: Process Intensification</i> , 2009, 48, 1487-1494.	1.8	13
102	Active cellulose acetate-carvacrol films: Antibacterial, physical and thermal properties. <i>Packaging Technology and Science</i> , 2021, 34, 463-474.	1.3	13
103	Swelling of organoclays in styrene. Effect on flammability in polystyrene nanocomposites. <i>EXPRESS Polymer Letters</i> , 2010, 4, 500-508.	1.1	12
104	Polyester nanoparticles from macrolactones via miniemulsion enzymatic ring-opening polymerization. <i>Colloid and Polymer Science</i> , 2018, 296, 861-869.	1.0	12
105	Covalently Bonded N-Acetylcysteine-polyester Loaded in PCL Scaffolds for Enhanced Interactions with Fibroblasts. <i>ACS Applied Bio Materials</i> , 2021, 4, 1552-1562.	2.3	12
106	Xanthan gum-based film-forming suspension containing essential oils: Production and <i>in vitro</i> antimicrobial activity evaluation against mastitis-causing microorganisms. <i>LWT - Food Science and Technology</i> , 2022, 153, 112470.	2.5	12
107	Modeling the nucleation stage during batch emulsion polymerization. <i>AIChE Journal</i> , 2005, 51, 2521-2533.	1.8	11
108	In-Line Monitoring of Emulsion Polymerization Reactions Combining Heat Flow and Heat Balance Calorimetry. <i>Macromolecular Reaction Engineering</i> , 2010, 4, 682-690.	0.9	11

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109	Crosslinking of poly(N -vinyl-2-pyrrolidone) in the coating of cotton yarn. <i>Polymer Engineering and Science</i> , 2011, 51, 445-453.	1.5	11
110	Influence of the injection molding process on the mechanical properties of (PA6/GF/MMT) nanocomposite. <i>Polymer Composites</i> , 2015, 36, 237-244.	2.3	11
111	ALTMET Polymerization of Amino Acid-Based Monomers Targeting Controlled Drug Release. <i>Macromolecules</i> , 2016, 49, 6723-6730.	2.2	11
112	Poly(urea-urethane) nanoparticles using mono- and diacylglycerol from glycerolysis of castor oil as biopolyol and stabilizer. <i>European Polymer Journal</i> , 2018, 108, 529-535.	2.6	11
113	CELLULASE IMMOBILIZATION ON POLY(METHYL METHACRYLATE) NANOPARTICLES BY MINIEMULSION POLYMERIZATION. <i>Brazilian Journal of Chemical Engineering</i> , 2018, 35, 649-658.	0.7	11
114	Experimental Data and Thermodynamics Modeling (PC-SAFT EoS) of the {CO ₂ + Acetone + Pluronic F-127} System at High Pressures. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 2186-2192.	1.0	11
115	Increased <i>in vitro</i> leishmanicidal activity of octyl gallate loaded poly(methyl methacrylate) nanoparticles. <i>Pharmaceutical Development and Technology</i> , 2019, 24, 593-599.	1.1	11
116	Controlling the biodegradation rates of poly(globalide-co- μ -caprolactone) copolymers by post polymerization modification. <i>Polymer Degradation and Stability</i> , 2020, 179, 109287.	2.7	11
117	Polyesters with main and side chain phosphoesters as structural motives for biocompatible electrospun fibres. <i>Polymer Chemistry</i> , 2020, 11, 2157-2165.	1.9	11
118	Enzymatic synthesis of benzyl benzoate using different acyl donors: Comparison of solvent-free reaction techniques. <i>Process Biochemistry</i> , 2020, 92, 261-268.	1.8	11
119	Green synthesis of silver nanoparticles using <i>Ilex paraguariensis</i> extracts: antimicrobial activity and acetylcholinesterase modulation in rat brain tissue. <i>Green Chemistry Letters and Reviews</i> , 2022, 15, 128-138.	2.1	11
120	Acrylamide inverse miniemulsion polymerization: in situ, real-time monitoring using nir spectroscopy. <i>Brazilian Journal of Chemical Engineering</i> , 2014, 31, 925-933.	0.7	10
121	Decrease of methyl methacrylate miniemulsion polymerization rate with incorporation of plant oils. <i>European Journal of Lipid Science and Technology</i> , 2016, 118, 93-103.	1.0	10
122	High Molecular Weight Polystyrene Obtained by Cationic Emulsion Polymerization Catalyzed by Imidazolium-Based Ionic Liquid. <i>Macromolecular Reaction Engineering</i> , 2019, 13, 1800061.	0.9	10
123	In Vitro Degradation and Cytotoxicity Response of Biobased Nanoparticles Prepared by Thiol-ene Polymerization in Miniemulsion. <i>Journal of Polymers and the Environment</i> , 2021, 29, 3668-3678.	2.4	10
124	Butyl acrylate and vinyl acetate semicontinuous emulsion copolymerizations: study of stabilization performance. <i>Macromolecular Symposia</i> , 2004, 206, 179-190.	0.4	9
125	Effect of Cooling Fluid Flow Rate on the Estimation of Conversion by Calorimetry in a Lab-Scale Reactor. <i>Macromolecular Symposia</i> , 2008, 271, 38-47.	0.4	9
126	Foaming of poly(methyl methacrylate) particles. <i>Materials Science and Engineering C</i> , 2009, 29, 479-484.	3.8	9

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127	Evaluation of the etching and chrome plating on the ABS, PVC, and PVC/ABS blends surface. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	9
128	Benzyl propionate synthesis by fed-batch esterification using commercial immobilized and lyophilized Cal B lipase. <i>Bioprocess and Biosystems Engineering</i> , 2019, 42, 1625-1634.	1.7	9
129	Nanomedicine in leishmaniasis: A promising tool for diagnosis, treatment and prevention of disease - An update overview. <i>European Journal of Pharmacology</i> , 2022, 923, 174934.	1.7	9
130	Robust Calorimetric Estimation of Semi-Continuous and Batch Emulsion Polymerization Systems with Covariance Estimation. <i>Macromolecular Reaction Engineering</i> , 2014, 8, 456-466.	0.9	8
131	Preparation of PLLA/PMMA and PLLA/PS binary blend nanoparticles by incorporation of PLLA in methyl methacrylate or styrene miniemulsion homopolymerization. <i>Polimeros</i> , 2015, 25, 23-28.	0.2	8
132	Mathematical modeling of molecular weight distribution in miniemulsion polymerization with oil-soluble initiator. <i>AIChE Journal</i> , 2017, 63, 2128-2140.	1.8	8
133	Preparation and characterization of 4-nitrochalcone-folic acid-poly(methyl methacrylate) nanocapsules and cytotoxic activity on HeLa and NIH3T3 cells. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101300.	1.4	8
134	ZnO and quercetin encapsulated nanoparticles for sun protection obtained by miniemulsion polymerization using alternative co-stabilizers. <i>Materials Research Express</i> , 2020, 7, 015096.	0.8	8
135	Antibacterial Activity of Low-Density Polyethylene and Low-Density Polyethylene-co-maleic Anhydride Films Incorporated with ZnO Nanoparticles. <i>Food and Bioprocess Technology</i> , 2021, 14, 1872-1884.	2.6	8
136	̇-caprolactone ring-opening polymerization catalyzed by imidazolium-based ionic liquid under mild reaction conditions. <i>Journal of Polymer Research</i> , 2022, 29, 1.	1.2	8
137	Kinetic Parameters of the Initiator Decomposition in Microwave and in Conventional Batch Reactors “KPS and V50” Case Studies. <i>Macromolecular Reaction Engineering</i> , 2015, 9, 366-373.	0.9	7
138	Poly(Urea-Urethane) Synthesis by Miniemulsion Polymerization Using Microwaves and Conventional Polymerization. <i>Macromolecular Reaction Engineering</i> , 2015, 9, 48-59.	0.9	7
139	Acyclic triene metathesis (ATMET) miniemulsion polymerization of linseed oil produces polymer nanoparticles with comparable molecular weight to that of bulk reactions. <i>European Journal of Lipid Science and Technology</i> , 2015, 117, 235-241.	1.0	7
140	PLLA/PMMA blend in polymer nanoparticles: influence of processing methods. <i>Colloid and Polymer Science</i> , 2017, 295, 1621-1633.	1.0	7
141	Crosslinking of Electrospun Fibres from Unsaturated Polyesters by Bis-Triazolinediones (TAD). <i>Polymers</i> , 2019, 11, 1808.	2.0	7
142	Diethyldithiocarbamate encapsulation reduces toxicity and promotes leishmanicidal effect through apoptosis-like mechanism in promastigote and ROS production by macrophage. <i>Journal of Drug Targeting</i> , 2020, 28, 1110-1123.	2.1	7
143	Bovine serum albumin conjugation on poly(methyl methacrylate) nanoparticles for targeted drug delivery applications. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 56, 101490.	1.4	7
144	In vitro synergic activity of diethyldithiocarbamate and 4-nitrochalcone loaded in beeswax nanoparticles against melanoma (B16F10) cells. <i>Materials Science and Engineering C</i> , 2021, 120, 111651.	3.8	7

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