Pedro Henrique Hermes de Araujo

List of Publications by Year
in descending order

203 papers	4,088 citations	159358 30 h-index	197535 49 g-index
206 all docs	206 docs citations	206 times ranked	4392 citing authors

#	Article	IF	Citations
1	Preparation and cellular uptake behaviors of uniform fiber-like micelles with length controllability and high colloidal stability in aqueous media. Fundamental Research, 2023, 3, 93-101.	1.6	21
2	Catalytically active membranes for esterification: A review. Chinese Journal of Chemical Engineering, 2023, 53, 142-154.	1.7	3
3	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
4	Xanthan gum-based film-forming suspension containing essential oils: Production and in vitro antimicrobial activity evaluation against mastitis-causing microorganisms. LWT - Food Science and Technology, 2022, 153, 112470.	2.5	12
5	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
6	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
7	Cellulase immobilized on kaolin as a potential approach to improve the quality of knitted fabric. Bioprocess and Biosystems Engineering, 2022, 45, 679.	1.7	7
8	Peptide-Integrated Superparamagnetic Nanoparticles for the Identification of Epitopes from SARS-CoV-2 Spike and Nucleocapsid Proteins. ACS Applied Nano Materials, 2022, 5, 642-653.	2.4	6
9	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
10	Recent advances and challenges on enzymatic synthesis of biobased polyesters via polycondensation. European Polymer Journal, 2022, 169, 111132.	2.6	14
11	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
12	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
13	Photobiomodulation associated with lipid nanoparticles and hyaluronic acid accelerate the healing of excisional wounds. Journal of Biomaterials Applications, 2022, 37, 668-682.	1.2	7
14	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
15	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
16	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
17	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
18	Superparamagnetic biobased poly(thioetherâ€ester) via thiolâ€ene polymerization in miniemulsion for hyperthermia. Journal of Applied Polymer Science, 2021, 138, 49741.	1.3	7

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19	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
20	Cationic polymerization of styrene using iron-containing ionic liquid catalysts in an aqueous dispersed medium. Polimeros, 2021, 31, .	0.2	3
21	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
22	Immobilization of endoglucanase on kaolin by adsorption and covalent bonding. Bioprocess and Biosystems Engineering, 2021, 44, 1627-1637.	1.7	5
23	Active cellulose acetateâ€carvacrol films: Antibacterial, physical and thermal properties. Packaging Technology and Science, 2021, 34, 463-474.	1.3	13
24	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
25	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
26	Flexible polyurethane foams produced from industrial residues and castor oil. Industrial Crops and Products, 2021, 164, 113377.	2.5	25
27	Antibacterial Activity of Low-Density Polyethylene and Low-Density Polyethylene-co-maleic Anhydride Films Incorporated with ZnO Nanoparticles. Food and Bioprocess Technology, 2021, 14, 1872-1884.	2.6	8
28	Temporary tensile strength for cotton yarn via polymeric coating and crosslinking. Progress in Organic Coatings, 2021, 159, 106397.	1.9	2
29	Cellulose nanocarriers via miniemulsion allow Pathogen-Specific agrochemical delivery. Journal of Colloid and Interface Science, 2021, 601, 678-688.	5.0	14
30	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
31	In vitro phototoxicity of zinc phthalocyanine (ZnPc) loaded in liposomes against human breast cancer cells. Journal of Porphyrins and Phthalocyanines, 2021, 25, 153-161.	0.4	2
32	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
33	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
34	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
35	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
36	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

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37	Comparative cytotoxic effect of citrate-capped gold nanoparticles with different sizes on noncancerous and cancerous cell lines. Journal of Nanoparticle Research, 2020, 22, 1.	0.8	32
38	Elucidating the choice for a precise matrix for laccase immobilization: A review. Chemical Engineering Journal, 2020, 397, 125506.	6.6	108
39	Bio-Based Lignin Nanocarriers Loaded with Fungicides as a Versatile Platform for Drug Delivery in Plants. Biomacromolecules, 2020, 21, 2755-2763.	2.6	82
40	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
41	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
42	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
43	Controlling the biodegradation rates of poly(globalide-co-Îµ-caprolactone) copolymers by post polymerization modification. Polymer Degradation and Stability, 2020, 179, 109287.	2.7	11
44	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
45	Polyesters with main and side chain phosphoesters as structural motives for biocompatible electrospun fibres. Polymer Chemistry, 2020, 11, 2157-2165.	1.9	11
46	Enzymatic synthesis of benzyl benzoate using different acyl donors: Comparison of solvent-free reaction techniques. Process Biochemistry, 2020, 92, 261-268.	1.8	11
47	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
48	Thermal performance of nanoencapsulated phase change material in high molecular weight polystyrene. Polimeros, 2020, 30, .	0.2	5
49	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
50	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
51	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
52	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
53	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
54	Covalently Binding of Bovine Serum Albumin to Unsaturated Poly(Globalideâ€Coâ€Îµâ€Caprolactone) Nanoparticles by Thiolâ€Ene Reactions. Macromolecular Bioscience, 2019, 19, e1900145.	2.1	19

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55	Crosslinking of Electrospun Fibres from Unsaturated Polyesters by Bis-Triazolinediones (TAD). Polymers, 2019, 11, 1808.	2.0	7
56	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
57	Enzymatic Synthesis of a Diene Ester Monomer Derived from Renewable Resource. Applied Biochemistry and Biotechnology, 2019, 189, 745-759.	1.4	2
58	Experimental Phase Equilibrium Data for Rotenone in Supercritical Carbon Dioxide. Journal of Chemical & Engineering Data, 2019, 64, 2357-2362.	1.0	4
59	Experimental Data and Thermodynamics Modeling (PC-SAFT EoS) of the {CO₂ + Acetone + Pluronic F-127} System at High Pressures. Journal of Chemical & Engineering Data, 2019, 64, 2186-2192.	1.0	11
60	Functionalized kaolin as support for endoglucanase immobilization. Bioprocess and Biosystems Engineering, 2019, 42, 1165-1173.	1.7	15
61	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
62	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
63	Increased in vitro leishmanicidal activity of octyl gallate loaded poly(methyl methacrylate) nanoparticles. Pharmaceutical Development and Technology, 2019, 24, 593-599.	1.1	11
64	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
65	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
66	Encapsulation of geranyl cinnamate in polycaprolactone nanoparticles. Materials Science and Engineering C, 2019, 97, 198-207.	3.8	38
67	High Molecular Weight Polystyrene Obtained by Cationic Emulsion Polymerization Catalyzed by Imidazoliumâ€Based Ionic Liquid. Macromolecular Reaction Engineering, 2019, 13, 1800061.	0.9	10
68	N-acetylcysteine side-chain functionalization of poly(globalide-co-Îµ-caprolactone) through thiol-ene reaction. Materials Science and Engineering C, 2019, 94, 477-483.	3.8	18
69	pH-responsive physically and chemically cross-linked glutamic-acid-based hydrogels and nanogels. European Polymer Journal, 2018, 101, 341-349.	2.6	35
70	Incorporation of Magnetic Nanoparticles in Poly(Methyl Methacrylate) Nanocapsules. Macromolecular Chemistry and Physics, 2018, 219, 1700424.	1.1	4
71	Biocatalysis of aromatic benzyl-propionate ester by different immobilized lipases. Bioprocess and Biosystems Engineering, 2018, 41, 585-591.	1.7	26
72	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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73	Polyester nanoparticles from macrolactones via miniemulsion enzymatic ring-opening polymerization. Colloid and Polymer Science, 2018, 296, 861-869.	1.0	12
74	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
75	Polyesters from Macrolactones Using Commercial Lipase NS 88011 and Novozym 435 as Biocatalysts. Applied Biochemistry and Biotechnology, 2018, 184, 659-672.	1.4	26
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	DEVELOPMENT OF ANTIOXIDANT POLY(THIOETHER-ESTER) NANOPARTICLES. Brazilian Journal of Chemical Engineering, 2018, 35, 691-698.	0.7	5
78	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
79	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
80	CELLULASE IMMOBILIZATION ON POLY(METHYL METHACRYLATE) NANOPARTICLES BY MINIEMULSION POLYMERIZATION. Brazilian Journal of Chemical Engineering, 2018, 35, 649-658.	0.7	11
81	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
82	Enzymatically catalyzed degradation of poly (thioether-ester) nanoparticles. Polymer Degradation and Stability, 2018, 156, 211-217.	2.7	22
83	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
84	Ultrasound assisted miniemulsion polymerization to prepare poly(urea-urethane) nanoparticles. Polimeros, 2018, 28, 155-160.	0.2	4
85	Evaluation of thein vivoacute antiinflammatory response of curcumin-loaded nanoparticles. Food and Function, 2018, 9, 440-449.	2.1	42
86	Synthesis of geranyl cinnamate by lipaseâ€catalyzed reaction and its evaluation as an antimicrobial agent. Journal of Chemical Technology and Biotechnology, 2017, 92, 115-121.	1.6	22
87	Thiol-ene polymerisation: A promising technique to obtain novel biomaterials. European Polymer Journal, 2017, 86, 200-215.	2.6	104
88	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
89	Evaluation of the etching and chrome plating on the ABS, PVC, and PVC/ABS blends surface. Journal of Applied Polymer Science, 2017, 134, .	1.3	9
90	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

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91	Analytical validation of an ultravioletâ€“visible procedure for determining lutein concentration and application to lutein-loaded nanoparticles. Food Chemistry, 2017, 230, 336-342.	4.2	36
92	Mathematical modeling of molecular weight distribution in miniemulsion polymerization with oilâ€soluble initiator. AIChE Journal, 2017, 63, 2128-2140.	1.8	8
93	Cellulase immobilization on magnetic nanoparticles encapsulated in polymer nanospheres. Bioprocess and Biosystems Engineering, 2017, 40, 511-518.	1.7	48
94	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
95	Thiol-ene miniemulsion polymerization of a biobased monomer for biomedical applications. Colloids and Surfaces B: Biointerfaces, 2017, 159, 509-517.	2.5	39
96	Monomer-in-water miniemulsions by membrane emulsification. Chemical Engineering and Processing: Process Intensification, 2017, 120, 251-257.	1.8	6
97	PLLA/PMMA blend in polymer nanoparticles: influence of processing methods. Colloid and Polymer Science, 2017, 295, 1621-1633.	1.0	7
98	Poly(thioether-ester) nanoparticles entrapping clove oil for antioxidant activity improvement. Journal of Polymer Research, 2017, 24, 1.	1.2	14
99	Enzymatic ring opening copolymerization of globalide and Îµ-caprolactone under supercritical conditions. Journal of Supercritical Fluids, 2017, 128, 404-411.	1.6	20
100	Enzymatic ring opening polymerization of Ï‰-pentadecalactone using supercritical carbon dioxide. Journal of Supercritical Fluids, 2017, 119, 221-228.	1.6	41
101	Design of Cross-Linked Starch Nanocapsules for Enzyme-Triggered Release of Hydrophilic Compounds. Processes, 2017, 5, 25.	1.3	16
102	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
103	Synthesis and Characterization of Hybrid Ni0.5Zn0.5Fe2O4@SiO2/chitosan. Materials Research, 2017, 20, 1534-1540.	0.6	0
104	MODELING PARTICLE SIZE DISTRIBUTION IN HETEROGENEOUS POLYMERIZATION SYSTEMS USING MULTIMODAL LOGNORMAL FUNCTION. Brazilian Journal of Chemical Engineering, 2016, 33, 469-478.	0.7	4
105	Preparation of curcumin-loaded nanoparticles and determination of the antioxidant potential of curcumin after encapsulation. Polimeros, 2016, 26, 207-214.	0.2	26
106	Immobilization of Candida antarctica Lipase B on Magnetic Poly(Urea-Urethane) Nanoparticles. Applied Biochemistry and Biotechnology, 2016, 180, 558-575.	1.4	22
107	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
108	ALTMET Polymerization of Amino Acid-Based Monomers Targeting Controlled Drug Release. Macromolecules, 2016, 49, 6723-6730.	2.2	11

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109	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
110	Poly(3â€hydroxybutirateâ€coâ€3â€hydroxyvalerate)â€“Polystyrene Hybrid Nanoparticles via Miniemulsion Polymerization. Macromolecular Reaction Engineering, 2016, 10, 39-46.	0.9	2
111	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
112	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
113	Post-modification of preformed polymer latex. Chemical Engineering and Processing: Process Intensification, 2016, 103, 80-86.	1.8	1
114	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
115	<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
116	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
117	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
118	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
119	Poly(Ureaâ€“Urethane) Synthesis by Miniemulsion Polymerization Using Microwaves and Conventional Polymerization. Macromolecular Reaction Engineering, 2015, 9, 48-59.	0.9	7
120	Influence of the injection molding process on the mechanical properties of (PA6/GF/MMT) nanocomposite. Polymer Composites, 2015, 36, 237-244.	2.3	11
121	Tratamento quÃmico superficial e metalizaÃ§Ã£o de ABS, PVC e blendas de PVC/ABS. Polimeros, 2015, 25, 212-218.	0.2	2
122	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
123	Characterization of progesterone loaded biodegradable blend polymeric nanoparticles. Ciencia Rural, 2015, 45, 2082-2088.	0.3	16
124	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
125	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
126	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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127	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
128	Synthesis of PEG-PCL-based polyurethane nanoparticles by miniemulsion polymerization. Colloids and Surfaces B: Biointerfaces, 2015, 135, 35-41.	2.5	20
129	Encapsulation of roasted coffee oil in biocompatible nanoparticles. LWT - Food Science and Technology, 2015, 64, 381-389.	2.5	43
130	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
131	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
132	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
133	Validation of an Ultravioletâ€“visible (UVâ€“Vis) technique for the quantitative determination of curcumin in poly(l-lactic acid) nanoparticles. Food Chemistry, 2015, 172, 99-104.	4.2	86
134	Acrylamide inverse miniemulsion polymerization: in situ, real-time monitoring using nir spectroscopy. Brazilian Journal of Chemical Engineering, 2014, 31, 925-933.	0.7	10
135	Robust Calorimetric Estimation of Semi-Continuous and Batch Emulsion Polymerization Systems with Covariance Estimation. Macromolecular Reaction Engineering, 2014, 8, 456-466.	0.9	8
136	SBâ€s Coreâ€shell Particles in Semicontinuous Seeded Emulsion Polymerization and their use as Impact Modifier. Macromolecular Symposia, 2014, 344, 28-32.	0.4	1
137	Synthesis and Characterization of Poly(Methyl Methacrylate) PMMA and Evaluation of Cytotoxicity for Biomedical Application. Macromolecular Symposia, 2014, 343, 65-69.	0.4	33
138	Synthesis of Coreâ€shell Particles with Low Molecular Weight Alkanes by Miniemulsion Polymerization. Macromolecular Symposia, 2014, 343, 31-38.	0.4	3
139	ADMET reactions in miniemulsion. Journal of Polymer Science Part A, 2014, 52, 1300-1305.	2.5	18
140	Degradable polyurethane nanoparticles containing vegetable oils. European Journal of Lipid Science and Technology, 2014, 116, 24-30.	1.0	22
141	Emulsion copolymerization of styrene and acrylated methyl oleate. European Journal of Lipid Science and Technology, 2014, 116, 37-43.	1.0	24
142	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
143	PolimerizaÃ§Ã£o do L-lactÃdeo na PresenÃ§a de NitrogÃªnio Gasoso. Semina: CiÃªncias Exatas E TecnolÃ³gicas, 2014, 35, 199.	0.3	0
144	Ionic liquid as surfactant in microwaveâ€assisted emulsion polymerization. Journal of Applied Polymer Science, 2013, 127, 448-455.	1.3	16

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145	Magnetic Polymer/Nickel Hybrid Nanoparticles Via Miniemulsion Polymerization. Macromolecular Chemistry and Physics, 2013, 214, 2213-2222.	1.1	31
146	Calorimetric Estimation Employing the Unscented Kalman Filter for a Batch Emulsion Polymerization Reactor. Macromolecular Reaction Engineering, 2013, 7, 24-35.	0.9	16
147	Phase behavior of carbon dioxide + medroxyprogesterone acetate system at high pressures. Fluid Phase Equilibria, 2013, 349, 1-11.	1.4	27
148	Encapsulation of magnetic nickel nanoparticles via inverse miniemulsion polymerization. Journal of Applied Polymer Science, 2013, 129, 1426-1433.	1.3	27
149	Hydrolysis of poly(hydroxybutyrateâ€coâ€hydroxyvalerate) nanoparticles. Journal of Applied Polymer Science, 2013, 128, 3093-3098.	1.3	15
150	Monitoring Pyrrol Polymerization Using Onâ€Line Conductivity Measurements and Neural Networks. Macromolecular Symposia, 2013, 333, 113-121.	0.4	6
151	Encapsulation of Jojoba and Andiroba Oils by Miniemulsion Polymerization. Effect on Molar Mass Distribution. Macromolecular Symposia, 2013, 324, 114-123.	0.4	24
152	Compartmentalization Effects on Miniemulsion Polymerization with Oilâ€Soluble Initiator. Macromolecular Reaction Engineering, 2013, 7, 221-231.	0.9	30
153	Expansion of coreâ€“shell PS/PMMA particles. Journal of Applied Polymer Science, 2013, 130, 4521-4527.	1.3	0
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