

Cristiane da Costa

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

468
citations

840776

11
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713466

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g-index

21
all docs

21
docs citations

21
times ranked

686
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple approach for the plasma treatment of polymeric membranes and investigation of the aging effect. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50558.	2.6	6
2	Modification of PVDF hydrophobic microfiltration membrane with a layer of electrospun fibers of PVP-co-PMMA: Increased fouling resistance. <i>Chemical Engineering Research and Design</i> , 2021, 171, 268-276.	5.6	18
3	Deposition of Dopamine and Polyethyleneimine on Polymeric Membranes: Improvement of Performance of Ultrafiltration Process. <i>Macromolecular Research</i> , 2020, 28, 1091-1097.	2.4	9
4	ZnO and quercetin encapsulated nanoparticles for sun protection obtained by miniemulsion polymerization using alternative co-stabilizers. <i>Materials Research Express</i> , 2020, 7, 015096.	1.6	8
5	Impact of MWCO and Dopamine/Polyethyleneimine Concentrations on Surface Properties and Filtration Performance of Modified Membranes. <i>Membranes</i> , 2020, 10, 239.	3.0	13
6	Cold plasma treatment to improve the adhesion of cassava starch films onto PCL and PLA surface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 580, 123739.	4.7	58
7	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.	4.7	28
8	Viscosity monitoring study of the kinetics of aqueous N -vinylpyrrolidone free radical polymerization. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47261.	2.6	1
9	Cationic miniemulsion polymerization of styrene mediated by imidazolium based ionic liquid. <i>European Polymer Journal</i> , 2018, 104, 51-56.	5.4	18
10	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.	5.6	15
11	Mathematical modeling of molecular weight distribution in miniemulsion polymerization with oil-soluble initiator. <i>AIChE Journal</i> , 2017, 63, 2128-2140.	3.6	8
12	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.	1.5	10
13	Poly(β -hydroxybutyrate-co- β -hydroxyvalerate)-Polystyrene Hybrid Nanoparticles via Miniemulsion Polymerization. <i>Macromolecular Reaction Engineering</i> , 2016, 10, 39-46.	1.5	2
14	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.	1.5	7
15	Ionic liquid as surfactant in microwave-assisted emulsion polymerization. <i>Journal of Applied Polymer Science</i> , 2013, 127, 448-455.	2.6	16
16	Compartmentalization Effects on Miniemulsion Polymerization with Oil-soluble Initiator. <i>Macromolecular Reaction Engineering</i> , 2013, 7, 221-231.	1.5	30
17	Microwave Effects Due to Anionic or Cationic Initiators in Emulsion Polymerization Reactions. <i>Macromolecular Symposia</i> , 2011, 302, 161-168.	0.7	4
18	BSA Adsorption on Differently Charged Polystyrene Nanoparticles using Isothermal Titration Calorimetry and the Influence on Cellular Uptake. <i>Macromolecular Bioscience</i> , 2011, 11, 628-638.	4.1	135

#	ARTICLE	IF	CITATIONS
19	Rapid decomposition of a cationic azo-initiator under microwave irradiation. Journal of Applied Polymer Science, 2010, 118, 1421-1429.	2.6	4
20	Kinetic advantages of using microwaves in the emulsion polymerization of MMA. Materials Science and Engineering C, 2009, 29, 415-419.	7.3	30
21	Microwave-assisted rapid decomposition of persulfate. European Polymer Journal, 2009, 45, 2011-2016.	5.4	48