Cristiane da Costa

List of Publications by Year
in descending order

21	468	840776 11	713466 21
papers	citations	h-index	g-index

21	21	21	686
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.	4.1	135
2	Cold plasma treatment to improve the adhesion of cassava starch films onto PCL and PLA surface. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 580, 123739.	4.7	58
3	Microwave-assisted rapid decomposition of persulfate. European Polymer Journal, 2009, 45, 2011-2016.	5.4	48
4	Kinetic advantages of using microwaves in the emulsion polymerization of MMA. Materials Science and Engineering C, 2009, 29, 415-419.	7.3	30
5	Compartmentalization Effects on Miniemulsion Polymerization with Oilâ€Soluble Initiator. Macromolecular Reaction Engineering, 2013, 7, 221-231.	1.5	30
6	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.	4.7	28
7	Cationic miniemulsion polymerization of styrene mediated by imidazolium based ionic liquid. European Polymer Journal, 2018, 104, 51-56.	5.4	18
8	Modification of PVDF hydrophobic microfiltration membrane with a layer of electrospun fibers of PVP-co-PMMA: Increased fouling resistance. Chemical Engineering Research and Design, 2021, 171, 268-276.	5.6	18
9	Ionic liquid as surfactant in microwaveâ€assisted emulsion polymerization. Journal of Applied Polymer Science, 2013, 127, 448-455.	2.6	16
10	Synthesis of a biobased monomer derived from castor oil and copolymerization in aqueous medium. Chemical Engineering Research and Design, 2018, 137, 213-220.	5.6	15
11	Impact of MWCO and Dopamine/Polyethyleneimine Concentrations on Surface Properties and Filtration Performance of Modified Membranes. Membranes, 2020, 10, 239.	3.0	13
12	Decrease of methyl methacrylate miniemulsion polymerization rate with incorporation of plant oils. European Journal of Lipid Science and Technology, 2016, 118, 93-103.	1.5	10
13	Deposition of Dopamine and Polyethyleneimine on Polymeric Membranes: Improvement of Performance of Ultrafiltration Process. Macromolecular Research, 2020, 28, 1091-1097.	2.4	9
14	Mathematical modeling of molecular weight distribution in miniemulsion polymerization with oilâ€soluble initiator. AICHE Journal, 2017, 63, 2128-2140.	3.6	8
15	ZnO and quercetin encapsulated nanoparticles for sun protection obtained by miniemulsion polymerization using alternative co-stabilizers. Materials Research Express, 2020, 7, 015096.	1.6	8
16	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.	1.5	7
17	Simple approach for the plasma treatment of polymeric membranes and investigation of the aging effect. Journal of Applied Polymer Science, 2021, 138, 50558.	2.6	6
18	Rapid decomposition of a cationic azoâ€initiator under microwave irradiation. Journal of Applied Polymer Science, 2010, 118, 1421-1429.	2.6	4

#	Article	IF	Citations
19	Microwave Effects Due to Anionic or Cationic Initiators in Emulsion Polymerization Reactions. Macromolecular Symposia, 2011, 302, 161-168.	0.7	4
20	Poly(3â€hydroxybutirateâ€coâ€3â€hydroxyvalerate)â€“Polystyrene Hybrid Nanoparticles via Miniemulsion Polymerization. Macromolecular Reaction Engineering, 2016, 10, 39-46.	1.5	2
21	Viscosity monitoring study of the kinetics of aqueousâ€medium Nâ€vinylpyrrolidone freeâ€radical polymerization. Journal of Applied Polymer Science, 2019, 136, 47261.	2.6	1