

Ana M S Maia

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

353
citations

840776

11
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

549
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison between a polyacrylamide and a hydrophobically modified polyacrylamide flood in a sandstone core. <i>Materials Science and Engineering C</i> , 2009, 29, 505-509.	7.3	82
2	Study of the reaction of grafting acrylamide onto xanthan gum. <i>Carbohydrate Polymers</i> , 2012, 90, 778-783.	10.2	70
3	Prolonged mosquitocidal activity of <i>Siparuna guianensis</i> essential oil encapsulated in chitosan nanoparticles. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007624.	3.0	50
4	Temperature and pH effects on the stability and rheological behavior of the aqueous suspensions of smart polymers based on <i>N</i> -isopropylacrylamide, chitosan, and acrylic acid. <i>Journal of Applied Polymer Science</i> , 2013, 129, 334-345.	2.6	30
5	Potential use of <i>Negramina</i> (<i>Siparuna guianensis</i> Aubl.) essential oil to control wax moths and its selectivity in relation to honey bees. <i>Industrial Crops and Products</i> , 2017, 109, 151-157.	5.2	25
6	Development of dual-sensitive smart polymers by grafting chitosan with poly(<i>N</i> -isopropylacrylamide): an overview. <i>Polimeros</i> , 2015, 25, 237-246.	0.7	21
7	PNIPAM-based graft copolymers prepared using potassium persulfate as free-radical initiator: synthesis reproducibility. <i>Colloid and Polymer Science</i> , 2016, 294, 981-991.	2.1	17
8	Cationic functionalized biocompatible polylactide nanoparticles for slow release of proteins. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 513, 442-451.	4.7	17
9	Rheological Behavior and Scattering Studies of Acrylamide-Based Copolymer Solutions. <i>Macromolecular Symposia</i> , 2005, 229, 217-227.	0.7	15
10	Temperature-induced thickening of sodium carboxymethylcellulose and poly(<i>N</i> -isopropylacrylamide) physical blends in aqueous solution. <i>Polymer Bulletin</i> , 2012, 69, 1093-1101.	3.3	13
11	Solution properties of a hydrophobically associating polyacrylamide and its polyelectrolyte derivatives determined by light scattering, small angle x-ray scattering and viscometry. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 489-500.	0.6	11
12	Chemical Modification of Polysaccharides and Applications in Strategic Areas. <i>Engineering Materials</i> , 2020, , 433-472.	0.6	2
13	Potential application of chitosan-based nanoparticles containing essential oils against mosquitoes, moths and beetles. <i>Journal of Biotechnology and Biodiversity</i> , 2021, 9, 295-308.	0.1	0
14	Polyelectrolyte and Non-Polyelectrolyte Polyacrylamide Copolymer Solutions: the Role of Salt on the Intra- and Intermolecular Interactions. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	0