Adriana R Campos

List of Publications by Year
in descending order

32 papers	1,019 citations	394421 19 h-index	434195 31 g-index
33 all docs	33 docs citations	33 times ranked	1491 citing authors

#	Article	IF	Citations
1	Obtaining nanofibers from curauÃ¡ and sugarcane bagasse fibers using enzymatic hydrolysis followed by sonication. Cellulose, 2013, 20, 1491-1500.	4.9	116
2	Corn and cassava starch with carboxymethyl cellulose films and its mechanical and hydrophobic properties. Carbohydrate Polymers, 2019, 223, 115055.	10.2	97
3	(â˜)-Î±-Bisabolol attenuates visceral nociception and inflammation in mice. FÃ¬toterapÃ¬Ã¢, 2011, 82, 208-211.	2.2	65
4	Effect of carboxymethyl cellulose concentration on mechanical and water vapor barrier properties of corn starch films. Carbohydrate Polymers, 2020, 246, 116521.	10.2	61
5	Biodegradation of blend films PVA/PVC, PVA/PCL in soil and soil with landfill leachate. Brazilian Archives of Biology and Technology, 2011, 54, 1367-1378.	0.5	58
6	The influence of UV-C irradiation on the properties of thermoplastic starch and polycaprolactone biocomposite with sisal bleached fibers. Polymer Degradation and Stability, 2012, 97, 1948-1955.	5.8	58
7	Starch/fiber/poly(lactic acid) foam and compressed foam composites. RSC Advances, 2014, 4, 6616.	3.6	48
8	TPS/PCL Composite Reinforced with Treated Sisal Fibers: Property, Biodegradation and Water-Absorption. Journal of Polymers and the Environment, 2013, 21, 1-7.	5.0	46
9	Kinetics of thermal degradation applied to biocomposites with TPS, PCL and sisal fibers by non-isothermal procedures. Journal of Thermal Analysis and Calorimetry, 2014, 115, 153-160.	3.6	43
10	Whiskers de fibra de sisal obtidos sob diferentes condiÃ§Ãµes de hidrÃ³lise Ã¡cida: efeito do tempo e da temperatura de extraÃ§Ã£o. Polimeros, 2011, 21, 280-285.	0.7	42
11	Bionanocomposites produced from cassava starch and oil palm mesocarp cellulose nanowhiskers. Carbohydrate Polymers, 2017, 175, 330-336.	10.2	33
12	Properties of thermoplastic starch and TPS/polycaprolactone blend reinforced with sisal whiskers using extrusion processing. Polymer Engineering and Science, 2013, 53, 800-808.	3.1	32
13	Structural and morphological changes in Poly(caprolactone)/poly(vinyl chloride) blends caused by UV irradiation. Journal of Materials Science, 2008, 43, 1063-1069.	3.7	31
14	Morphological, mechanical properties and biodegradability of biocomposite thermoplastic starch and polycaprolactone reinforced with sisal fibers. Journal of Reinforced Plastics and Composites, 2012, 31, 573-581.	3.1	28
15	Curaua cellulose sheets dip coated with micro and nano carnauba wax emulsions. Cellulose, 2019, 26, 7983-7993.	4.9	28
16	Curaua and eucalyptus nanofibers films by continuous casting: Mechanical and thermal properties. Carbohydrate Polymers, 2018, 181, 1093-1101.	10.2	26
17	Study of a nanocomposite starchâ€“clay for slowâ€release of herbicides: Evidence of synergistic effects between the biodegradable matrix and exfoliated clay on herbicide release control. Journal of Applied Polymer Science, 2014, 131, .	2.6	24
18	Curaua and eucalyptus nanofiber films by continuous casting: mixture of cellulose nanocrystals and nanofibrils. Cellulose, 2019, 26, 2453-2470.	4.9	24

#	Article	IF	Citations
19	Attenuation of visceral nociception by Î±-bisabolol in mice: investigation of mechanisms. Organic and Medicinal Chemistry Letters, 2012, 2, 18.	2.0	22
20	Biotreatment effects in films and blends of PVC/PCL previously treated with heat. Brazilian Archives of Biology and Technology, 2005, 48, 235-243.	0.5	21
21	The influence of soil and landfill leachate microorganisms in the degradation of PVC/PCL films cast from DMF. Polimeros, 2012, 22, 220-227.	0.7	17
22	Production of Cellulose Nanowhiskers from Oil Palm Mesocarp Fibers by Acid Hydrolysis and Microfluidization. Journal of Nanoscience and Nanotechnology, 2017, 17, 4970-4976.	0.9	16
23	Efeito do tratamento das fibras nas propriedades do biocompÃ³sito de amido termoplÃ¡stico/policaprolactona/sisal. Polimeros, 2011, 21, 217-222.	0.7	15
24	Biotransformation of poly (epsilon-caprolactone) and poly (vinyl chloride) blend. Brazilian Journal of Microbiology, 2003, 34, 111-113.	2.0	14
25	PHB and Montmorillonite Clay Composites as KNO3 and NPK Support for a Controlled Release. Journal of Polymers and the Environment, 2019, 27, 2089-2097.	5.0	13
26	BiodegradaÃ§Ã£o de filmes de PP/PCL em solo e solo com chorume. Polimeros, 2010, 20, 295-300.	0.7	12
27	Biodegradability and nutrients release of thermoplastic starch and poly (Îµ-caprolactone) blends for agricultural uses. Carbohydrate Polymers, 2022, 282, 119058.	10.2	7
28	Biodegradation of additive PHBV/PP-co-PE films buried in soil. Polimeros, 2016, 26, 161-167.	0.7	6
29	Biodegradation of erythrosin B dye by paramorphic Neurospora crassa 74A. Brazilian Archives of Biology and Technology, 2010, 53, 473-480.	0.5	5
30	Processing, Characterization and Application of Micro and Nanocellulose Based Environmentally Friendly Polymer Composites. , 2019, , 1-35.		5
31	InfluÃªncia da geometria e umidade de colunas de solo na biodegradaÃ§Ã£o de filmes de PCL. Polimeros, 2011, 21, 107-110.	0.7	4
32	Starchâ€“lipid composites containing cinnamaldehyde. Starch/Staerke, 2012, 64, 219-228.	2.1	2