Pedro Ivo Cunha Claro

List of Publications by Year
in descending order

23 papers	483 citations	759055 12 h-index	752573 20 g-index
25 all docs	25 docs citations	25 times ranked	675 citing authors

#	Article	IF	Citations
1	Enzymatic Deconstruction of Sugarcane Bagasse and Straw to Obtain Cellulose Nanomaterials. ACS Sustainable Chemistry and Engineering, 2020, 8, 2287-2299.	3.2	107
2	Biodegradable Blends with Potential Use in Packaging: A Comparison of PLA/Chitosan and PLA/Cellulose Acetate Films. Journal of Polymers and the Environment, 2016, 24, 363-371.	2.4	81
3	Curaua cellulose sheets dip coated with micro and nano carnauba wax emulsions. Cellulose, 2019, 26, 7983-7993.	2.4	28
4	Curaua and eucalyptus nanofibers films by continuous casting: Mechanical and thermal properties. Carbohydrate Polymers, 2018, 181, 1093-1101.	5.1	26
5	Curaua and eucalyptus nanofiber films by continuous casting: mixture of cellulose nanocrystals and nanofibrils. Cellulose, 2019, 26, 2453-2470.	2.4	24
6	Thermoplastic starch/whey protein isolate/rosemary essential oil nanocomposites obtained by extrusion process: Antioxidant polymers. Journal of Applied Polymer Science, 2019, 136, 47619.	1.3	24
7	Tuning the Electrical Properties of Cellulose Nanocrystals through Laser-Induced Graphitization for UV Photodetectors. ACS Applied Nano Materials, 2021, 4, 8262-8272.	2.4	23
8	Silver nanoparticles in the micropropagation of Campomanesia rufa (O. Berg) Nied. Plant Cell, Tissue and Organ Culture, 2019, 137, 359-368.	1.2	22
9	Urea Formaldehyde and Cellulose Nanocrystals Adhesive: Studies Applied to Sugarcane Bagasse Particleboards. Journal of Polymers and the Environment, 2018, 26, 3040-3050.	2.4	21
10	Ionic Conductive Cellulose Mats by Solution Blow Spinning as Substrate and a Dielectric Interstrate Layer for Flexible Electronics. ACS Applied Materials & Interfaces, 2021, 13, 26237-26246.	4.0	16
11	The effect of surface modifications with corona discharge in pinus and eucalyptus nanofibril films. Cellulose, 2018, 25, 5017-5033.	2.4	15
12	In vitro growth of Physalis peruviana L. affected by silver nanoparticles. 3 Biotech, 2019, 9, 145.	1.1	15
13	Cellulose nanocrystals from curaua fibers and poly[ethyleneâ€‹scp›‹i›co‹/i›‹/scp›â€(vinyl acetate)] nanocomposites: Effect of drying process of CNCs on thermal and mechanical properties. Polymer Composites, 2020, 41, 1736-1748.	2.3	14
14	2,4-Dichlorophenoxyacetic acid adsorption on montmorillonite organoclay for controlled release applications. SN Applied Sciences, 2019, 1, 1.	1.5	12
15	Thermoplastic Waxy Starch Films Processed by Extrusion and Pressing: Effect of Glycerol and Water Concentration. Materials Research, 2017, 20, 353-357.	0.6	11
16	Annealing and crystallization kinetics of poly(lactic acid) pieces obtained by additive manufacturing. Polymer Engineering and Science, 2021, 61, 2097-2104.	1.5	9
17	Enhancement of the Amazonian AÃ§aÃ-Waste Fibers through Variations of Alkali Pretreatment Parameters. Chemistry and Biodiversity, 2019, 16, e1900275.	1.0	7
18	Biodegradability and nutrients release of thermoplastic starch and poly (Îµ-caprolactone) blends for agricultural uses. Carbohydrate Polymers, 2022, 282, 119058.	5.1	7

#	Article	IF	Citations
19	CELLULOSE NANOFIBRILS MODIFICATION WITH POLYANILINE AIMING AT ENHANCING ELECTRICAL PROPERTIES FOR APPLICATION IN FLEXIBLE ELECTRONICS. Cellulose Chemistry and Technology, 2019, 53, 775-786.	0.5	6
20	Poly(lactic acid) composites reinforced with leaf fibers from ornamental variety of hybrid pineapple (<scp>P</scp>otyra). Polymer Composites, 2018, 39, 4050-4057.	2.3	5
21	Processing, Characterization and Application of Micro and Nanocellulose Based Environmentally Friendly Polymer Composites. , 2019, , 1-35.		5
22	Cellulose nanostructured films from pretreated aÃ§aÃ-mesocarp fibers: physical, barrier, and tensile performance. Cerne, 0, 27, .	0.9	4
23	Biodegradable blends of thermoplastic waxy starch and poly(Îµ-caprolactone) obtained by high shear extrusion: Rheological, mechanical, morphological and thermal properties. Journal of Polymer Research, 2022, 29, .	1.2	0