# Pedro Ivo Cunha Claro

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | Biodegradability and nutrients release of thermoplastic starch and poly (Îµ-caprolactone) blends for agricultural uses. Carbohydrate Polymers, 2022, 282, 119058. | 5.1 | 7 |
| 2 | 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 |
| 3 | 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 |
| 4 | Annealing and crystallization kinetics of poly(lactic acid) pieces obtained by additive manufacturing. Polymer Engineering and Science, 2021, 61, 2097-2104. | 1.5 | 9 |
| 5 | 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 |
| 6 | 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 |
| 7 | Enzymatic Deconstruction of Sugarcane Bagasse and Straw to Obtain Cellulose Nanomaterials. ACS Sustainable Chemistry and Engineering, 2020, 8, 2287-2299. | 3.2 | 107 |
| 8 | Enhancement of the Amazonian AÃ§aÃ-Waste Fibers through Variations of Alkali Pretreatment Parameters. Chemistry and Biodiversity, 2019, 16, e1900275. | 1.0 | 7 |
| 9 | Curaua cellulose sheets dip coated with micro and nano carnauba wax emulsions. Cellulose, 2019, 26, 7983-7993. | 2.4 | 28 |
| 10 | 2,4-Dichlorophenoxyacetic acid adsorption on montmorillonite organoclay for controlled release applications. SN Applied Sciences, 2019, 1, 1. | 1.5 | 12 |
| 11 | Curaua and eucalyptus nanofiber films by continuous casting: mixture of cellulose nanocrystals and nanofibrils. Cellulose, 2019, 26, 2453-2470. | 2.4 | 24 |
| 12 | Processing, Characterization and Application of Micro and Nanocellulose Based Environmentally Friendly Polymer Composites. , 2019, , 1-35. | | 5 |
| 13 | In vitro growth of Physalis peruviana L. affected by silver nanoparticles. 3 Biotech, 2019, 9, 145. | 1.1 | 15 |
| 14 | 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 |
| 15 | Silver nanoparticles in the micropropagation of Campomanesia rufa (O. Berg) Nied. Plant Cell, Tissue and Organ Culture, 2019, 137, 359-368. | 1.2 | 22 |
| 16 | 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 |
| 17 | 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 |
| 18 | Curaua and eucalyptus nanofibers films by continuous casting: Mechanical and thermal properties. Carbohydrate Polymers, 2018, 181, 1093-1101. | 5.1 | 26 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | The effect of surface modifications with corona discharge in pinus and eucalyptus nanofibril films. Cellulose, 2018, 25, 5017-5033. | 2.4 | 15 |
| 21 | Thermoplastic Waxy Starch Films Processed by Extrusion and Pressing: Effect of Glycerol and Water Concentration. Materials Research, 2017, 20, 353-357. | 0.6 | 11 |
| 22 | 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 |
| 23 | Cellulose nanostructured films from pretreated aÃ§aÃ-mesocarp fibers: physical, barrier, and tensile performance. Cerne, 0, 27, . | 0.9 | 4 |