

# Adriana R Campos

## List of Publications by Year in descending order

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32  
papers

1,019  
citations

394421  
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434195  
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all docs

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docs citations

33  
times ranked

1491  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Biodegradability and nutrients release of thermoplastic starch and poly ( $\epsilon$ -caprolactone) blends for agricultural uses. Carbohydrate Polymers, 2022, 282, 119058.  | 10.2 | 7         |
| 2  | Effect of carboxymethyl cellulose concentration on mechanical and water vapor barrier properties of corn starch films. Carbohydrate Polymers, 2020, 246, 116521.   | 10.2 | 61        |
| 3  | Corn and cassava starch with carboxymethyl cellulose films and its mechanical and hydrophobic properties. Carbohydrate Polymers, 2019, 223, 115055.  | 10.2 | 97        |
| 4  | Curaua cellulose sheets dip coated with micro and nano carnauba wax emulsions. Cellulose, 2019, 26, 7983-7993.   | 4.9  | 28        |
| 5  | PHB and Montmorillonite Clay Composites as KNO <sub>3</sub> and NPK Support for a Controlled Release. Journal of Polymers and the Environment, 2019, 27, 2089-2097.  | 5.0  | 13        |
| 6  | Curaua and eucalyptus nanofiber films by continuous casting: mixture of cellulose nanocrystals and nanofibrils. Cellulose, 2019, 26, 2453-2470.  | 4.9  | 24        |
| 7  | Processing, Characterization and Application of Micro and Nanocellulose Based Environmentally Friendly Polymer Composites. , 2019, , 1-35.   |      | 5         |
| 8  | Curaua and eucalyptus nanofibers films by continuous casting: Mechanical and thermal properties. Carbohydrate Polymers, 2018, 181, 1093-1101.  | 10.2 | 26        |
| 9  | Bionanocomposites produced from cassava starch and oil palm mesocarp cellulose nanowhiskers. Carbohydrate Polymers, 2017, 175, 330-336.  | 10.2 | 33        |
| 10 | 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        |
| 11 | Biodegradation of additive PHBV/PP-co-PE films buried in soil. Polimeros, 2016, 26, 161-167.   | 0.7  | 6         |
| 12 | Study of a nanocomposite starch-clay for slow-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        |
| 13 | 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        |
| 14 | Starch/fiber/poly(lactic acid) foam and compressed foam composites. RSC Advances, 2014, 4, 6616.   | 3.6  | 48        |
| 15 | 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        |
| 16 | Obtaining nanofibers from curaua and sugarcane bagasse fibers using enzymatic hydrolysis followed by sonication. Cellulose, 2013, 20, 1491-1500.   | 4.9  | 116       |
| 17 | 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        |
| 18 | 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        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | The influence of UV-C irradiation on the properties of thermoplastic starch and polycaprolactone biocomposite with sisal bleached fibers. <i>Polymer Degradation and Stability</i> , 2012, 97, 1948-1955. | 5.8 | 58        |
| 20 | Attenuation of visceral nociception by $\hat{1}\pm$ -bisabolol in mice: investigation of mechanisms. <i>Organic and Medicinal Chemistry Letters</i> , 2012, 2, 18.  | 2.0 | 22        |
| 21 | The influence of soil and landfill leachate microorganisms in the degradation of PVC/PCL films cast from DMF. <i>Polimeros</i> , 2012, 22, 220-227.   | 0.7 | 17        |
| 22 | Starch-lipid composites containing cinnamaldehyde. <i>Starch/Staerke</i> , 2012, 64, 219-228.   | 2.1 | 2         |
| 23 | Influência da geometria e umidade de colunas de solo na biodegradação de filmes de PCL. <i>Polimeros</i> , 2011, 21, 107-110.   | 0.7 | 4         |
| 24 | Whiskers de fibra de sisal obtidos sob diferentes condições de hidrólise ácida: efeito do tempo e da temperatura de extração. <i>Polimeros</i> , 2011, 21, 280-285.                                       | 0.7 | 42        |
| 25 | Biodegradation of blend films PVA/PVC, PVA/PCL in soil and soil with landfill leachate. <i>Brazilian Archives of Biology and Technology</i> , 2011, 54, 1367-1378.  | 0.5 | 58        |
| 26 | Efeito do tratamento das fibras nas propriedades do biocomposto de amido termoplástico/policaprolactona/sisal. <i>Polimeros</i> , 2011, 21, 217-222.  | 0.7 | 15        |
| 27 | ( $\hat{1}\pm$ )-Bisabolol attenuates visceral nociception and inflammation in mice. <i>Fármacos</i> , 2011, 82, 208-211.   | 2.2 | 65        |
| 28 | Biodegradação de filmes de PP/PCL em solo e solo com chorume. <i>Polimeros</i> , 2010, 20, 295-300.   | 0.7 | 12        |
| 29 | Biodegradation of erythrosin B dye by paramorphic <i>Neurospora crassa</i> 74A. <i>Brazilian Archives of Biology and Technology</i> , 2010, 53, 473-480.  | 0.5 | 5         |
| 30 | Structural and morphological changes in Poly(caprolactone)/poly(vinyl chloride) blends caused by UV irradiation. <i>Journal of Materials Science</i> , 2008, 43, 1063-1069.                               | 3.7 | 31        |
| 31 | Biotreatment effects in films and blends of PVC/PCL previously treated with heat. <i>Brazilian Archives of Biology and Technology</i> , 2005, 48, 235-243.  | 0.5 | 21        |
| 32 | Biotransformation of poly (epsilon-caprolactone) and poly (vinyl chloride) blend. <i>Brazilian Journal of Microbiology</i> , 2003, 34, 111-113.   | 2.0 | 14        |