

Kelly Benini

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

560
citations

933264

10
h-index

839398

18
g-index

19
all docs

19
docs citations

19
times ranked

851
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Vegetal fibers in polymeric composites: a review. <i>Polimeros</i> , 2015, 25, 9-22. | 0.2 | 163 |
| 2 | Preparation of nanocellulose from <i>Imperata brasiliensis</i> grass using Taguchi method. <i>Carbohydrate Polymers</i> , 2018, 192, 337-346. | 5.1 | 106 |
| 3 | Obtainment and characterization of nanocellulose from an unwoven industrial textile cotton waste: Effect of acid hydrolysis conditions. <i>International Journal of Biological Macromolecules</i> , 2019, 126, 496-506. | 3.6 | 65 |
| 4 | Mechanical properties of HIPS/sugarcane bagasse fiber composites after accelerated weathering. <i>Procedia Engineering</i> , 2011, 10, 3246-3251. | 1.2 | 39 |
| 5 | Characterization of a New Lignocellulosic Fiber from Brazil: <i>Imperata brasiliensis</i> (Brazilian) Tj ETQq1 1 0.784314 rgBT /Overlock 112-125. | 1.7 | 34 |
| 6 | Effect of different degradation types on properties of plastic waste obtained from espresso coffee capsules. <i>Waste Management</i> , 2019, 83, 123-130. | 3.7 | 25 |
| 7 | Valorization of Spent Coffee Grounds as Precursors for Biopolymers and Composite Production. <i>Polymers</i> , 2022, 14, 437. | 2.0 | 21 |
| 8 | Effect of acid hydrolysis conditions on the degradation properties of cellulose from <i>Imperata brasiliensis</i> fibers. <i>Procedia Engineering</i> , 2017, 200, 244-251. | 1.2 | 14 |
| 9 | Effects of plasma treatment on the sorption properties of coconut fibers. <i>Procedia Engineering</i> , 2017, 200, 357-364. | 1.2 | 14 |
| 10 | Survey on chemical, physical, and thermal prediction behaviors for sequential chemical treatments used to obtain cellulose from <i>Imperata Brasiliensis</i> . <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 143, 73-85. | 2.0 | 14 |
| 11 | Sustainable application of recycled espresso coffee capsules: Natural composite development for a home composter product. <i>Journal of Cleaner Production</i> , 2021, 297, 126647. | 4.6 | 12 |
| 12 | PHBV/cellulose nanofibrils composites obtained by solution casting and electrospinning process. <i>Revista Materia</i> , 2017, 22, . | 0.1 | 11 |
| 13 | Effect of fiber chemical treatment of nonwoven coconut fiber/epoxy composites adhesion obtained by RTM process. <i>Polymer Composites</i> , 2017, 38, 2518-2527. | 2.3 | 10 |
| 14 | Thermal characterization and lifetime prediction of the PHBV/nanocellulose biocomposites using different kinetic approaches. <i>Cellulose</i> , 2020, 27, 7503-7522. | 2.4 | 10 |
| 15 | Novel biodegradable composites based on PHBV: Effect of nanocellulose incorporation on the nonisothermal crystallization kinetic and structural parameters. <i>Polymer Composites</i> , 2019, 40, 3156-3165. | 2.3 | 8 |
| 16 | Permeability of untreated and atmospheric plasma treated coconut fiber mats. <i>Materials Research Express</i> , 2019, 6, 095323. | 0.8 | 5 |
| 17 | Thermal Analysis of Sisal/Epoxy Composite Processed by RTM. <i>Applied Mechanics and Materials</i> , 0, 719-720, 50-54. | 0.2 | 4 |
| 18 | Featuring High Impact Polystyrene Composites Strengthened with Green Coconut Fiber Developed for Automotive Industry Application. <i>Journal of Research Updates in Polymer Science</i> , 2017, 6, 17-20. | 0.3 | 3 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Manufacturing and Characterization of High Impact Polystyrene (HIPS) Reinforced with Treated Sugarcane Bagasse. Journal of Research Updates in Polymer Science, 2017, 6, 2-11. | 0.3 | 2 |