

Marcos Mariano

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

2,923
citations

361413

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580821

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docs citations

26
times ranked

3748
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Tailoring strength of nanocellulose foams by electrostatic complexation. Carbohydrate Polymers, 2021, 256, 117547. | 10.2 | 13 |
| 2 | Inclusion Complexation between β -Cyclodextrin and Oligo(ethylene glycol) Methyl Ether Methacrylate. ACS Omega, 2020, 5, 9517-9528. | 3.5 | 7 |
| 3 | Nanocellulose/bioactive glass cryogels as scaffolds for bone regeneration. Nanoscale, 2019, 11, 19842-19849. | 5.6 | 93 |
| 4 | Cellulose nanocrystal-based poly(butylene adipate-co-terephthalate) nanocomposites covered with antimicrobial silver thin films. Polymer Engineering and Science, 2019, 59, E356. | 3.1 | 31 |
| 5 | Effect of depletion forces on the morphological structure of carboxymethyl cellulose and micro/nano cellulose fiber suspensions. Journal of Colloid and Interface Science, 2019, 538, 228-236. | 9.4 | 19 |
| 6 | Environmentally friendly polymer composites based on PBAT reinforced with natural fibers from the amazon forest. Polymer Composites, 2019, 40, 3351-3360. | 4.6 | 45 |
| 7 | Silver nanoparticles coated with dodecanethiol used as fillers in non-cytotoxic and antifungal PBAT surface based on nanocomposites. Materials Science and Engineering C, 2019, 98, 800-807. | 7.3 | 37 |
| 8 | Advances in cellulose nanomaterials. Cellulose, 2018, 25, 2151-2189. | 4.9 | 329 |
| 9 | Recent developments in nanocellulose-based biodegradable polymers, thermoplastic polymers, and porous nanocomposites. Progress in Polymer Science, 2018, 87, 197-227. | 24.7 | 350 |
| 10 | Cellulose nanomaterials: size and surface influence on the thermal and rheological behavior. Polimeros, 2018, 28, 93-102. | 0.7 | 31 |
| 11 | Microstructural characterization of nanocellulose foams prepared in the presence of cationic surfactants. Carbohydrate Polymers, 2018, 195, 153-162. | 10.2 | 29 |
| 12 | Mold heat conductance as drive force for tuning freeze-casted nanocellulose foams microarchitecture. Materials Letters, 2018, 225, 167-170. | 2.6 | 11 |
| 13 | Cell interactions and cytotoxic studies of cellulose nanofibers from Curauá natural fibers. Carbohydrate Polymers, 2018, 201, 87-95. | 10.2 | 36 |
| 14 | Microstructure, thermal properties and crystallinity of amadumbe starch nanocrystals. International Journal of Biological Macromolecules, 2017, 102, 241-247. | 7.5 | 63 |
| 15 | Preparation of Cellulose Nanocrystal-Reinforced Poly(lactic acid) Nanocomposites through Noncovalent Modification with PLLA-Based Surfactants. ACS Omega, 2017, 2, 2678-2688. | 3.5 | 61 |
| 16 | Nanocellulose: Common Strategies for Processing of Nanocomposites. ACS Symposium Series, 2017, , 203-225. | 0.5 | 9 |
| 17 | Recent developments on nanocellulose reinforced polymer nanocomposites: A review. Polymer, 2017, 132, 368-393. | 3.8 | 475 |
| 18 | Impact of cellulose nanocrystal aspect ratio on crystallization and reinforcement of poly(butylene terephthalate) nanocomposites. Carbohydrate Polymers, 2017, 157, 2284-2297. | 2.1 | 50 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Comprehensive morphological and structural investigation of cellulose I and II nanocrystals prepared by sulphuric acid hydrolysis. RSC Advances, 2016, 6, 76017-76027. | 3.6 | 90 |
| 20 | Thermal characterization of cellulose nanocrystals isolated from sisal fibers using acid hydrolysis. Industrial Crops and Products, 2016, 94, 454-462. | 5.2 | 98 |
| 21 | Structural Reorganization of CNC in Injection-Molded CNC/PBAT Materials under Thermal Annealing. Langmuir, 2016, 32, 10093-10103. | 3.5 | 31 |
| 22 | Mechanical properties of natural rubber nanocomposites reinforced with high aspect ratio cellulose nanocrystals isolated from soy hulls. Carbohydrate Polymers, 2016, 153, 143-152. | 10.2 | 155 |
| 23 | Cellulose nanocrystal reinforced oxidized natural rubber nanocomposites. Carbohydrate Polymers, 2016, 137, 174-183. | 10.2 | 120 |
| 24 | Melt processing of cellulose nanocrystal reinforced polycarbonate from a masterbatch process. European Polymer Journal, 2015, 69, 208-223. | 5.4 | 54 |
| 25 | Cellulose nanocrystals and related nanocomposites: Review of some properties and challenges. Journal of Polymer Science, Part B: Polymer Physics, 2014, 52, 791-806. | 2.1 | 685 |