Marcos Mariano

List of Publications by Year
in descending order

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25 papers	2,923 citations	361388 20 h-index	580810 25 g-index
26 all docs	26 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 Î±-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 nanocrystalâ€based poly(butylene adipateâ€coâ€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 CurauÃ¡ 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) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 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