

Amã©lia S F Santos

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

336
citations

933447

10
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

537
citing authors

#	ARTICLE	IF	CITATIONS
1	TiO ₂ /PDMS nanocomposites for use on self-cleaning surfaces. <i>Surface and Coatings Technology</i> , 2014, 239, 16-19.	4.8	53
2	Degradation and stabilization of polyolefins from municipal plastic waste during multiple extrusions under different reprocessing conditions. <i>Polymer Degradation and Stability</i> , 2002, 77, 441-447.	5.8	43
3	Reprocessability of PHB in extrusion: ATR-FTIR, tensile tests and thermal studies. <i>Polimeros</i> , 2017, 27, 122-128.	0.7	40
4	Characterization of effluents through a typical plastic recycling process: An evaluation of cleaning performance and environmental pollution. <i>Resources, Conservation and Recycling</i> , 2005, 45, 159-171.	10.8	37
5	Extraction and characterization of cellulose nanowhiskers from Mandacaru (<i>Cereus jamacaru</i> DC.) spines. <i>Cellulose</i> , 2017, 24, 119-129.	4.9	33
6	Antimicrobial coatings based on poly(dimethyl siloxane) and silver nanoparticles by solution blow spraying. <i>Progress in Organic Coatings</i> , 2019, 133, 19-26.	3.9	24
7	Soil Biodegradation of PLA/CNW Nanocomposites Modified with Ethylene Oxide Derivatives. <i>Materials Research</i> , 2017, 20, 899-904.	1.3	23
8	Reprocessability of high impact polystyrene/clay nanocomposites in extrusion. <i>Polymer Degradation and Stability</i> , 2016, 125, 87-96.	5.8	15
9	Sacolas plÁsticas: destinaÃµes sustentÁveis e alternativas de substituiÃ£o. <i>Polimeros</i> , 2012, 22, 228-237.	0.7	14
10	Influence of morphology and dispersion stability of CNC modified with ethylene oxide derivatives on mechanical properties of PLA-based nanocomposites. <i>Polymer Composites</i> , 2019, 40, E399.	4.6	13
11	Characterization of wood plastic composite based on HDPE and cashew nutshells processed in a thermokinetic mixer. <i>Polymer Composites</i> , 2018, 39, 2662-2673.	4.6	8
12	Reuse of Natural Waste to Improve the Thermal Stability, Stiffness, and Toughness of Postconsumer Polypropylene Composites. <i>Journal of Polymers and the Environment</i> , 2021, 29, 538-551.	5.0	8
13	Accelerated Sonochemical Extraction of Cellulose Nanowhiskers. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 6535-6539.	0.9	6
14	Evaluation of sub-critical water as an extraction fluid for model contaminants from recycled PET for reuse as food packaging material. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2010, 27, 567-573.	2.3	3
15	Response Surface Analysis for Competition between Thermooxidation and Polycondensation Reactions of PET Flakes. Part 1: Low Vacuum Atmosphere. <i>Polymer-Plastics Technology and Engineering</i> , 2010, 49, 254-259.	1.9	3
16	The effect of microcrystalline cellulose on poly(propylene) crystallization. An investigation of nonisothermal crystallization kinetics. <i>Materials Research Express</i> , 2019, 6, 065313.	1.6	3
17	The Influence of Organoclay on Polypropylene Composite Films for Synthetic Paper. <i>Polymer-Plastics Technology and Engineering</i> , 2011, 50, 1443-1451.	1.9	2
18	The effect of clay organophilization on wood plastic composite (WPC) based on recycled high density polyethylene (HDPE) and coir fiber. <i>Progress in Rubber, Plastics and Recycling Technology</i> , 2021, 37, 394-411.	1.8	2

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19	Evaluation of Accelerated Solvent Extraction (ASE) Followed by Post-condensation Step (SSP) to Extract Contaminants from PET Flakes. Progress in Rubber, Plastics and Recycling Technology, 2016, 32, 73-86.	1.8	0
20	Ações para reduzir a fração de resíduos não comercializados em duas associações de catadores de materiais recicláveis de João Pessoa (PB), Brasil. Revista Tecnologia E Sociedade, 2020, 16, 139.	0.1	0