

Alex Sanches

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

296
citations

933264

10
h-index

887953

17
g-index

23
all docs

23
docs citations

23
times ranked

436
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanocomposites of natural rubber and polyaniline-modified cellulose nanofibrils. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 117, 387-392.	2.0	44
2	Electrical, mechanical, and thermal analysis of natural rubber/polyaniline-DBSA composite. <i>Materials Research</i> , 2014, 17, 59-63.	0.6	42
3	Influence of cellulose nanofibrils on soft and hard segments of polyurethane/cellulose nanocomposites and effect of humidity on their mechanical properties. <i>Polymer Testing</i> , 2014, 40, 99-105.	2.3	34
4	Conductive Nanocomposites Based on Cellulose Nanofibrils Coated with Polyaniline-DBSA Via In Situ Polymerization. <i>Macromolecular Symposia</i> , 2012, 319, 196-202.	0.4	29
5	Synergistic effects on polyurethane/lead zirconate titanate/carbon black three-phase composites. <i>Polymer Testing</i> , 2017, 60, 253-259.	2.3	21
6	Influence of polymer insertion on the dielectric, piezoelectric and acoustic properties of 1-0-3 polyurethane/cement-based piezo composite. <i>Materials Research Bulletin</i> , 2019, 119, 110541.	2.7	19
7	PVDF nanofibers obtained by solution blow spinning with use of a commercial airbrush. <i>Journal of Polymer Research</i> , 2019, 26, 1.	1.2	18
8	Influence of PZT insertion on Portland cement curing process and piezoelectric properties of 0-3 cement-based composites by impedance spectroscopy. <i>Construction and Building Materials</i> , 2020, 238, 117675.	3.2	17
9	Study of thermal and mechanical properties of a biocomposite based on natural rubber and 45S5 Bioglass® particles. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 735-742.	2.0	13
10	Fabrication and Characterization of a Novel Herbicide Delivery System with Magnetic Collectability and Its Phytotoxic Effect on Photosystem II of Aquatic Macrophyte. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 11105-11113.	2.4	12
11	DBSA to improve the compatibility, solubility, and infusibility of cellulose nanowhiskers modified by polyaniline in reinforcing a natural rubber-based nanocomposite. <i>Polymer Bulletin</i> , 2019, 76, 3517-3533.	1.7	10
12	Mechanical, thermal, and morphological properties of natural rubber/45S5 Bioglass® fibrous mat with ribbon-like morphology produced by solution blow spinning. <i>European Polymer Journal</i> , 2019, 119, 1-7.	2.6	9
13	Multicomponent polyurethane-carbon black composite as piezoresistive sensor. <i>Polymer Bulletin</i> , 2020, 77, 3017-3031.	1.7	5
14	Study of the electrical conduction process in natural rubber-based conductive nanocomposites filled with cellulose nanowhiskers coated by polyaniline. <i>Polymer Composites</i> , 2021, 42, 1519-1529.	2.3	4
15	Tuning piezoelectric properties in elastomeric polyurethane nanocomposites utilizing cellulose nanocrystals. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50865.	1.3	4
16	Electrically conductive nanocomposites produced by in situ polymerization of pyrrole in pre-vulcanized natural rubber latex. <i>Polymer Composites</i> , 0, , .	2.3	4
17	Fabrication of Fish Gelatin Microfibrous Mats by Solution Blow Spinning. <i>Materials Research</i> , 2019, 22, .	0.6	3
18	1-3 Castor Oil-Based Polyurethane/PZT Piezoelectric Composite as a Possible Candidate for Structural Health Monitoring. <i>Materials Research</i> , 2020, 23, .	0.6	3

#	ARTICLE	IF	CITATIONS
19	Production of mycosporine-like amino acid (MAA)-loaded emulsions as chemical barriers to control sunscald in fruits and vegetables. Journal of the Science of Food and Agriculture, 2022, 102, 801-812.	1.7	2
20	Graphite nanosheet/polyaniline nanocomposites: Effect of in situ polymerization and dopants on the microstructure, thermal, and electrical conduction properties. Journal of Applied Polymer Science, 2022, 139, .	1.3	2
21	Piezoelectric Composites: Fabrication, Characterization, and Its Application as Sensor. , 2017, , 195-215.		1
22	Reaproveitamento do resíduo da madeira de eucalipto (RME) para a produção de energia sustentável.. Revista Científica ANAP Brasil, 2020, 13, .	0.0	0
23	Cover Image, Volume 139, Issue 22. Journal of Applied Polymer Science, 2022, 139, .	1.3	0