

# Michael Jones Silva

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

307  
citations

933264

10  
h-index

887953

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

451  
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 <i>In Situ</i> 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	Mechanism of charge transport in castor oil-based polyurethane/carbon black composite (PU/CB). <i>Journal of Non-Crystalline Solids</i> , 2012, 358, 270-275.	1.5	19
7	Poly(vinyl pyrrolidone) sub-microfibers produced by solution blow spinning. <i>Journal of Polymer Research</i> , 2018, 25, 1.	1.2	19
8	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
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	Analysis of the electrical conduction in percolative nanocomposites based on castor oil polyurethane with carbon black and activated carbon nanopowder. <i>Polymer Composites</i> , 2019, 40, 7-15.	2.3	13
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	Impedimetric Sensor for Pentoses Based on Electrodeposited Carbon Nanotubes and Molecularly Imprinted poly-o-phenylenediamine. <i>ECS Journal of Solid State Science and Technology</i> , 2020, 9, 041006.	0.9	10
13	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
14	Portland Cement/Acrocomia Aculeata Endocarp Bricks: Thermal Insulation and Mechanical Properties. <i>Materials</i> , 2020, 13, 2081.	1.3	6
15	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
16	Tuning piezoelectric properties in elastomeric polyurethane nanocomposites utilizing cellulose nanocrystals. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50865.	1.3	4
17	Electrically conductive nanocomposites produced by in situ polymerization of pyrrole in pre-vulcanized natural rubber latex. <i>Polymer Composites</i> , 0, , .	2.3	4
18	Mechanical and microstructural characterization of epoxy/sawdust ( <i>Pinus elliottii</i> ) composites. <i>Polymers and Polymer Composites</i> , 2021, 29, 1135-1142.	1.0	3

#	ARTICLE	IF	CITATIONS
19	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
20	Kinetic study of peanut seed oil extraction with supercritical CO <sub>2</sub> . <i>Research, Society and Development</i> , 2022, 11, e15511427098.	0.0	1