

JosÃ© Antonio Malmonge

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,793
citations

516561

16
h-index

276775

41
g-index

61
all docs

61
docs citations

61
times ranked

2607
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphite nanosheet/polyaniline nanocomposites: Effect of in situ polymerization and dopants on the microstructure, thermal, and electrical conduction properties. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	1.3	2
2	Cover Image, Volume 139, Issue 22. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	1.3	0
3	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
4	Reduced graphene oxide decorated with Ni-Fe-Mo permalloy obtained by sputtering. <i>Materials Today Communications</i> , 2021, 26, 102110.	0.9	0
5	Tuning piezoelectric properties in elastomeric polyurethane nanocomposites utilizing cellulose nanocrystals. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50865.	1.3	4
6	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
7	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
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	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
10	Preparation and Characterization of Polymeric Microfibers of PLGA and PLGA/PPy Composite Fabricated by Solution Blow Spinning. <i>Macromolecular Symposia</i> , 2019, 383, 1800030.	0.4	5
11	Biocompatible PCL/PLGA/Polypyrrole Composites for Regenerating Nerves. <i>Macromolecular Symposia</i> , 2019, 383, 1800028.	0.4	18
12	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
13	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
14	Chitosan Nanocomposites with Graphene-Based Filler. <i>Materials Research</i> , 2019, 22, .	0.6	7
15	Fabrication of Fish Gelatin Microfibrous Mats by Solution Blow Spinning. <i>Materials Research</i> , 2019, 22, .	0.6	3
16	Nanocomposites of polyethylene/polyaniline/graphite with special morphology. <i>Polymer Composites</i> , 2018, 39, 3645-3655.	2.3	7
17	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
18	PVDF/Ni fibers synthesis by solution blow spinning technique. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 514-518.	1.1	16

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19	Non-isothermal decomposition kinetics of conductive polyaniline and its derivatives. <i>Polimeros</i> , 2018, 28, 285-292.	0.2	10
20	Cashew nut shell liquid, a valuable raw material for generating semiconductive polyaniline nanofibers. <i>Polimeros</i> , 2018, 28, 61-68.	0.2	7
21	Synergistic effects on polyurethane/lead zirconate titanate/carbon black three-phase composites. <i>Polymer Testing</i> , 2017, 60, 253-259.	2.3	21
22	BSCCO superconductor micro/nanofibers produced by solution blow-spinning technique. <i>Ceramics International</i> , 2017, 43, 7663-7667.	2.3	20
23	Layer-by-layer thin films of polyaniline alternated with natural rubber and their potential application as a chemical sensor. <i>Journal of Polymer Research</i> , 2017, 24, 1.	1.2	11
24	Piezoelectric Composites: Fabrication, Characterization, and Its Application as Sensor. , 2017, , 195-215.		1
25	Preparaçãoe caracterizaçãodo compã³sito PVDF/Pani com partãculas de nãquel. <i>Polimeros</i> , 2017, 27, 116-126.	0.2	0
26	YBCO ceramic nanofibers obtained by the new technique of solution blow spinning. <i>Ceramics International</i> , 2016, 42, 16230-16234.	2.3	41
27	Pristine cardanol as biobased dopant for polyaniline. <i>Materials Letters</i> , 2016, 185, 327-330.	1.3	7
28	Behaviour of metakaolin-based geopolymers incorporating sewage sludge ash (SSA). <i>Materials Letters</i> , 2016, 180, 192-195.	1.3	35
29	Electrical, mechanical, and thermal analysis of natural rubber/polyaniline-DBSA composite. <i>Materials Research</i> , 2014, 17, 59-63.	0.6	42
30	Nanocomposites of natural rubber and polyaniline-modified cellulose nanofibrils. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 117, 387-392.	2.0	44
31	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
32	Studies on thermalãoxidative degradation behaviours of raw natural rubber: PRI and thermogravimetry analysis. <i>Plastics, Rubber and Composites</i> , 2013, 42, 334-339.	0.9	21
33	Conductive Nanocomposites Based on Cellulose Nanofibrils Coated with PolyanilineãDBSA Via <i>In Situ</i> Polymerization. <i>Macromolecular Symposia</i> , 2012, 319, 196-202.	0.4	29
34	A comparative study of the non-isothermal degradation of natural rubber from Mangabeira (<i>Hancornia speciosa</i> Gomes) and Seringueira (<i>Hevea brasiliensis</i>). <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 100, 1045-1050.	2.0	15
35	Thermo-analyses of polyaniline and its derivatives. <i>Thermochimica Acta</i> , 2010, 502, 43-46.	1.2	57
36	Cellulose nanowhiskers from coconut husk fibers: Effect of preparation conditions on their thermal and morphological behavior. <i>Carbohydrate Polymers</i> , 2010, 81, 83-92.	5.1	850

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37	Thermal and mechanical properties of PVDF/PANI blends. <i>Materials Research</i> , 2010, 13, 465-470.	0.6	61
38	Comparative study on the technological properties of latex and natural rubber from <i>Hancornia speciosa</i> Gomes and <i>Hevea brasiliensis</i> . <i>Journal of Applied Polymer Science</i> , 2009, 111, 2986-2991.	1.3	26
39	Piezo and dielectric properties of PHB/PZT composite. <i>Polymer Composites</i> , 2009, 30, 1333-1337.	2.3	14
40	Study of charge transport in blends of natural rubber and poly(o-methoxyaniline) based on a resistor network statistical model. <i>Synthetic Metals</i> , 2009, 159, 2208-2210.	2.1	2
41	Effect of polyol excess on the electrical property of vegetable-polyurethane film. <i>Journal of Materials Science</i> , 2008, 43, 5436-5440.	1.7	8
42	Compositos de borracha natural com polianilina. <i>Polimeros</i> , 2007, 17, 93-97.	0.2	12
43	Preparation and characterization of castor oil-based polyurethane/poly(o-methoxyaniline) blend film. <i>Journal of Applied Polymer Science</i> , 2007, 105, 706-709.	1.3	6
44	PTCa/PEEK composite acoustic emission sensors. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2006, 13, 1177-1182.	1.8	1
45	A new route to obtain PVDF/PANI conducting blends. <i>European Polymer Journal</i> , 2006, 42, 3108-3113.	2.6	45
46	PTCa/PEEK composite acoustic emission sensors. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2006, 13, 1177-1182.	1.8	12
47	Characterization of castor oil based polyurethane films prepared with N-methyl-2-pyrrolidinone as a solvent. <i>Journal of Applied Polymer Science</i> , 2005, 98, 746-749.	1.3	1
48	Microcontrolled pyro-electric instrument for measuring X-ray intensity in mammography. <i>Medical and Biological Engineering and Computing</i> , 2005, 43, 751-755.	1.6	8
49	Analysis of dipolar relaxation in polyurethane/polyaniline blend. <i>Journal of Materials Science</i> , 2005, 40, 4557-4560.	1.7	14
50	Structure and microstructure of PbTiO ₃ thin films obtained from hybrid chemical method. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2003, 346, 223-227.	2.6	6
51	Study of pyroelectric activity of PZT/PVDF-HFP composite. <i>Materials Research</i> , 2003, 6, 469-473.	0.6	73
52	Effect of the doping medium on blends of polyurethane and polyaniline. <i>Synthetic Metals</i> , 2001, 119, 87-88.	2.1	17
53	Polyaniline mixed LB films exposed to X-rays. <i>Synthetic Metals</i> , 1999, 101, 801-802.	2.1	6
54	A study on X-ray irradiation of composite polyaniline LB films. <i>Thin Solid Films</i> , 1998, 327-329, 808-812.	0.8	11

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55	Doping of polyaniline and derivatives induced by X-Ray radiation. Synthetic Metals, 1997, 84, 779-780.	2.1	16
56	Characteristics of polyaniline electropolymerized in camphor sulfonic acid. Synthetic Metals, 1995, 69, 141-142.	2.1	36
57	Open-Circuit TSD Method and Anomalous Air Gap Current in Teflon® FEP. IEEE Transactions on Electrical Insulation, 1986, EI-21, 383-387.	0.8	10
58	Fabrication of Polypyrrole Nanoparticles Using Microemulsion Polymerization for Different Py/APS/SDS Molar Ratios. Materials Science Forum, 0, 869, 391-395.	0.3	6
59	Polímeros orgânicos com ureia dissolvida e doses de nitrogênio no milho. Revista De Ciências Agrárias, 0, 62, .	0.1	2
60	Electrically conductive nanocomposites produced by in situ polymerization of pyrrole in pre-vulcanized natural rubber latex. Polymer Composites, 0, , .	2.3	4