

Claudia Merlini

List of Publications by Year in descending order

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28
papers

794
citations

623574

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526166

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docs citations

28
times ranked

1124
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of fiber surface treatment and length on physico-chemical properties of short random banana fiber-reinforced castor oil polyurethane composites. <i>Polymer Testing</i> , 2011, 30, 833-840.	2.3	173
2	Processing and characterization of conductive composites based on poly(styrene-b-ethylene-ran-butylene-b-styrene) (SEBS) and carbon additives: A comparative study of expanded graphite and carbon black. <i>Composites Part B: Engineering</i> , 2016, 84, 236-247.	5.9	94
3	Development of a novel pressure sensing material based on polypyrrole-coated electrospun poly(vinylidene fluoride) fibers. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2014, 179, 52-59.	1.7	48
4	Polyaniline-coated coconut fibers: Structure, properties and their use as conductive additives in matrix of polyurethane derived from castor oil. <i>Polymer Testing</i> , 2014, 38, 18-25.	2.3	48
5	Thermal Conductivity of Covalent Organic Frameworks as a Function of Their Pore Size. <i>Journal of Physical Chemistry C</i> , 2017, 121, 27247-27252.	1.5	42
6	Electromagnetic interference shielding effectiveness and microwave absorption properties of thermoplastic polyurethane/montmorillonite/polypyrrole nanocomposites. <i>Polymers for Advanced Technologies</i> , 2018, 29, 1377-1384.	1.6	42
7	Electrospinning of doped and undoped-polyaniline/poly(vinylidene fluoride) blends. <i>Synthetic Metals</i> , 2016, 213, 34-41.	2.1	38
8	Production of montmorillonite/polypyrrole nanocomposites through in situ oxidative polymerization of pyrrole: Effect of anionic and cationic surfactants on structure and properties. <i>Applied Clay Science</i> , 2015, 104, 160-167.	2.6	36
9	Polypyrrole nanoparticles coated amorphous short silica fibers: Synthesis and characterization. <i>Polymer Testing</i> , 2012, 31, 971-977.	2.3	34
10	In vitro evaluation of bilayer membranes of PLGA/hydroxyapatite/ β -tricalcium phosphate for guided bone regeneration. <i>Materials Science and Engineering C</i> , 2020, 112, 110849.	3.8	33
11	Conducting polypyrrole-coated banana fiber composites: Preparation and characterization. <i>Polymer Composites</i> , 2013, 34, 537-543.	2.3	25
12	Electrically conductive composites of polyurethane derived from castor oil with polypyrrole-coated peach palm fibers. <i>Polymer Composites</i> , 2017, 38, 2146-2155.	2.3	22
13	Manufacturing and characterization of plates for fracture fixation of bone with biocomposites of poly (lactic acid-co-glycolic acid) (PLGA) with calcium phosphates bioceramics. <i>Materials Science and Engineering C</i> , 2019, 103, 109728.	3.8	18
14	Efeito do tratamento alcalino de fibras de juta no comportamento mecânico de compósitos de matriz epóxi. <i>Polimeros</i> , 2012, 22, 339-344.	0.2	17
15	Electromagnetic interference shielding effectiveness of composites based on polyurethane derived from castor oil and nanostructured carbon fillers. <i>Polymer Composites</i> , 2019, 40, E78.	2.3	15
16	Electrospun fibrous membranes of poly (lactic-co-glycolic acid) with β -tricalcium phosphate for guided bone regeneration application. <i>Polymer Testing</i> , 2020, 86, 106489.	2.3	14
17	A comparative study of aligned and random electrospun mats of thermoplastic polyurethane and conductive additives based on polypyrrole. <i>Polymer Testing</i> , 2018, 70, 486-497.	2.3	13
18	The effect of compressive stress on the electrically resistivity of poly(vinylidene fluoride)/poly	2.1	12

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19	Aligned electrospun nerve conduits with electrical activity as a strategy for peripheral nerve regeneration. <i>Artificial Organs</i> , 2021, 45, 813-818.	1.0	11
20	A Carbocationic Triarylmethane-Based Porous Covalent Organic Network. <i>Chemistry - A European Journal</i> , 2021, 27, 2342-2347.	1.7	10
21	Comparative study of electrically conductive polymer composites of polyester-based thermoplastic polyurethane matrix with polypyrrole and montmorillonite/polypyrrole additive. <i>Polymer Composites</i> , 2020, 41, 2003-2012.	2.3	9
22	Obtenção de nanocompósitos condutores de montmorilonita/polipirrol: Efeito da incorporação do surfactante na estrutura e propriedades. <i>Polimeros</i> , 2014, 24, 57-62.	0.2	8
23	Evaluation of poly(vinylidene fluoride)/carbon black composites, manufactured by selective laser sintering. <i>Polymer Composites</i> , 2021, 42, 2457-2468.	2.3	8
24	Evaluation of the properties of iron oxide-filled castor oil polyurethane. <i>Materials Research</i> , 2013, 16, 65-70.	0.6	7
25	Comparative Study of the Structure and Properties of Poly(Vinylidene) Fluoride/Carbon Black Composites. <i>Frontiers in Materials</i> , 2019, 6, .	1.2	7
26	Screen Printing of Cotton Fabric with Hydrochromic Paste: Evaluation of Color Uniformity, Reversibility and Fastness Properties. <i>Journal of Natural Fibers</i> , 2022, 19, 2694-2705.	1.7	5
27	Dye-based covalent organic networks. <i>JPhys Materials</i> , 2020, 3, 025011.	1.8	3
28	Estimativa de benefícios na implementação de projeto de automação da etiquetagem de embalagens na indústria têxtil. <i>The Academic Society Journal</i> , 0, , 29-44.	0.1	2