Claudia Merlini

List of Publications by Year in descending order

28 papers	794 citations	623699 14 h-index	526264 27 g-index
28 all docs	28 docs citations	28 times ranked	1124 citing authors

#	Article	IF	Citations
1	Screen Printing of Cotton Fabric with Hydrochromic Paste: Evaluation of Color Uniformity, Reversibility and Fastness Properties. Journal of Natural Fibers, 2022, 19, 2694-2705.	3.1	5
2	A Carbocationic Triarylmethaneâ€Based Porous Covalent Organic Network. Chemistry - A European Journal, 2021, 27, 2342-2347.	3.3	10
3	Evaluation of poly(vinylidene fluoride)/carbon black composites, manufactured by selective laser sintering. Polymer Composites, 2021, 42, 2457-2468.	4.6	8
4	Aligned electrospun nerve conduits with electrical activity as a strategy for peripheral nerve regeneration. Artificial Organs, 2021, 45, 813-818.	1.9	11
5	In vitro evaluation of bilayer membranes of PLGA/hydroxyapatite/Î²-tricalcium phosphate for guided bone regeneration. Materials Science and Engineering C, 2020, 112, 110849.	7.3	33
6	Dye-based covalent organic networks. JPhys Materials, 2020, 3, 025011.	4.2	3
7	Electrospun fibrous membranes of poly (lactic-co-glycolic acid) with Î²-tricalcium phosphate for guided bone regeneration application. Polymer Testing, 2020, 86, 106489.	4.8	14
8	Comparative study of electrically conductive polymer composites of polyesterâ€based thermoplastic polyurethane matrix with polypyrrole and montmorillonite/polypyrrole additive. Polymer Composites, 2020, 41, 2003-2012.	4.6	9
9	Comparative Study of the Structure and Properties of Poly(Vinylidene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 427 Td (Fluoride)/M Casting. Frontiers in Materials, 2019, 6, .	2.4	7
10	Manufacturing and characterization of plates for fracture fixation of bone with biocomposites of poly (lactic acid-co-glycolic acid) (PLGA) with calcium phosphates bioceramics. Materials Science and Engineering C, 2019, 103, 109728.	7.3	18
11	Electromagnetic interference shielding effectiveness of composites based on polyurethane derived from castor oil and nanostructured carbon fillers. Polymer Composites, 2019, 40, E78.	4.6	15
12	Electromagnetic interference shielding effectiveness and microwave absorption properties of thermoplastic polyurethane/montmorilloniteâ€polypyrrole nanocomposites. Polymers for Advanced Technologies, 2018, 29, 1377-1384.	3.2	42
13	A comparative study of aligned and random electrospun mats of thermoplastic polyurethane and conductive additives based on polypyrrole. Polymer Testing, 2018, 70, 486-497.	4.8	13
14	Electrically conductive composites of polyurethane derived from castor oil with polypyrroleâ€coated peach palm fibers. Polymer Composites, 2017, 38, 2146-2155.	4.6	22
15	Thermal Conductivity of Covalent Organic Frameworks as a Function of Their Pore Size. Journal of Physical Chemistry C, 2017, 121, 27247-27252.	3.1	42
16	Electrospinning of doped and undoped-polyaniline/poly(vinylidene fluoride) blends. Synthetic Metals, 2016, 213, 34-41.	3.9	38
17	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. Composites Part B: Engineering, 2016, 84, 236-247.	12.0	94
18	Production of montmorillonite/polypyrrole nanocomposites through in situ oxidative polymerization of pyrrole: Effect of anionic and cationic surfactants on structure and properties. Applied Clay Science, 2015, 104, 160-167.	5.2	36

#	Article	IF	Citations
19	ObtenÃ§Ã£o de nanocompÃ³sitos condutores de montmorilonita/polipirrol: Efeito da incorporaÃ§Ã£o do surfactante na estrutura e propriedades. Polimeros, 2014, 24, 57-62.	0.7	8
20	Development of a novel pressure sensing material based on polypyrrole-coated electrospun poly(vinylidene fluoride) fibers. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2014, 179, 52-59.	3.5	48
21	The effect of compressive stress on the electrically resistivity of poly(vinylidene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662 Td	3.9	12
22	Polyaniline-coated coconut fibers: Structure, properties and their use as conductive additives in matrix of polyurethane derived from castor oil. Polymer Testing, 2014, 38, 18-25.	4.8	48
23	Conducting polypyrroleâ€coated banana fiber composites: Preparation and characterization. Polymer Composites, 2013, 34, 537-543.	4.6	25
24	Evaluation of the properties of iron oxide-filled castor oil polyurethane. Materials Research, 2013, 16, 65-70.	1.3	7
25	Polypyrrole nanoparticles coated amorphous short silica fibers: Synthesis and characterization. Polymer Testing, 2012, 31, 971-977.	4.8	34
26	Efeito do tratamento alcalino de fibras de juta no comportamento mecÃ¢nico de compÃ³sitos de matriz epÃ³xi. Polimeros, 2012, 22, 339-344.	0.7	17
27	Influence of fiber surface treatment and length on physico-chemical properties of short random banana fiber-reinforced castor oil polyurethane composites. Polymer Testing, 2011, 30, 833-840.	4.8	173
28	Estimativa de benefÃcios na implementaÃ§Ã£o de projeto de automaÃ§Ã£o da etiquetagem de embalagens na indÃºstria tÃªxtil. The Academic Society Journal, 0, , 29-44.	0.1	2