Maraolina DomÃ-nguez-DÃ-az

List of Publications by Year
in descending order

18 papers	190 citations	1307594 7 h-index	1125743 13 g-index
18 all docs	18 docs citations	18 times ranked	238 citing authors

#	Article	IF	Citations
1	Effect of atmospheric plasma treatment on the wettability of UHMWPE. Materials Letters, 2021, 285, 129159.	2.6	13
2	Electrospinning of poly(Î²-hydroxybutyrate) scaffolds: morphology and aging. Emerging Materials Research, 2019, 8, 127-136.	0.7	2
3	Electrophoretic Deposition of Chitosan Films Doped with Nd2Ti2O7 Nanoparticles as Protective Coatings against Corrosion in Saline Solutions. International Journal of Polymer Science, 2019, 2019, 1-17.	2.7	7
4	Influence of the crystalline structure stability in the wettability of poly-Î²-hydroxybutyrate:polyethylene glycol 6000 fiber mats treated by atmospheric-pressure plasma. Nuclear Instruments & Methods in Physics Research B, 2019, 447, 84-91.	1.4	8
5	Microhardness modification of ultrahigh-molecular-weight polyethylene by oxygen plasma: Effect of the polymer crosslinking. Nuclear Instruments & Methods in Physics Research B, 2019, 445, 8-12.	1.4	7
6	Antimony Sulfide Thin Films Obtained by Chemical Bath Deposition using Tartaric Acid as Complexing Agent. MRS Advances, 2018, 3, 3307-3313.	0.9	7
7	Viability of HEK 293 cells on poly-Î²-hydroxybutyrate (PHB) biosynthesized from a mutant Azotobacter vinelandii strain. Cast film and electrospun scaffolds. Materials Science and Engineering C, 2017, 81, 236-246.	7.3	24
8	The Hydrophilic to Superhydrophilic Change Induced by Polyhydroxybutyrate in Polyethylene glycol:Polyhydroxybutyrate Electrospun Samples by Plasma Treatment. MRS Advances, 2016, 1, 2125-2131.	0.9	3
9	Adhesion and Cell Viability of Normal Human Osteoblasts (NHOst) on Scaffolds of Poly (3-hydroxybutyrate). Materials Research Society Symposia Proceedings, 2015, 1721, 20.	0.1	5
10	Thermo-mechanical properties, microstructure and biocompatibility in poly-Î²-hydroxybutyrates (PHB) produced by OP and OPN strains of Azotobacter vinelandii. European Polymer Journal, 2015, 63, 101-112.	5.4	62
11	Scaffold Architecture and Properties for Osteoblasts Cell Culture: An Optimization Model and Application by Genetic Algorithm. Materials Research Society Symposia Proceedings, 2015, 1753, 72.	0.1	1
12	Electrospun polylactic acid non-woven mats incorporating silver nanoparticles. Polymer Bulletin, 2014, 71, 2437-2452.	3.3	15
13	Morphology-induced hydrophobic behavior of electrospun polyhydroxyalkanoate membranes. Materials Research Society Symposia Proceedings, 2012, 1466, 32.	0.1	6
14	Non-woven Membranes Electrospun from Polylactic Acid Incorporating Silver Nanoparticles as Biocide. Materials Research Society Symposia Proceedings, 2012, 1376, 78.	0.1	9
15	Viscoelastic behavior of biodegradable polyhydroxyalkanoates. Bioinspired, Biomimetic and Nanobiomaterials, 2012, 1, 214-220.	0.9	9
16	Kinetics of crystallization of biodegradable PHA copolymers: a combined X-ray scattering and micro-indentation study. Materials Research Society Symposia Proceedings, 2011, 1301, 279.	0.1	6
17	Microstructure and viscoelasticity in thermotropic copolyesters: the influence of monomer concentration. Rheologica Acta, 2009, 48, 201-215.	2.4	6
18	Photocatalytic degradation of methylene blue dye using poly(3â€hydroxybutyrate)/poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.6	0