

Maraolina DomÃ-nguez-DÃ-az

List of Publications by Year in descending order

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papers

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