

Phaedra Silva-Bermudez

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

522
citations

687335

13
h-index

677123

22
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24
docs citations

24
times ranked

904
citing authors

#	ARTICLE	IF	CITATIONS
1	Degradation Behavior and Mechanical Integrity of a Mg-0.7Zn-0.6Ca (wt.%) Alloy: Effect of Grain Sizes and Crystallographic Texture. <i>Materials</i> , 2022, 15, 3142.	2.9	3
2	Bismuth subsalicylate incorporated in polycaprolactone-gelatin membranes by electrospinning to prevent bacterial colonization. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 045036.	3.3	5
3	Biocompatibility and electrochemical evaluation of ZrO ₂ thin films deposited by reactive magnetron sputtering on MgZnCa alloy. <i>Journal of Magnesium and Alloys</i> , 2021, 9, 2019-2038.	11.9	13
4	Effects of atomic ordering of Zirconium oxide nanomodification on stem cell differentiation. <i>Materials Letters: X</i> , 2021, 11, 100080.	0.7	1
5	Biocide effect against SARS-CoV-2 and ESKAPE pathogens of a noncytotoxic silver-copper nanofilm. <i>Biomedical Materials (Bristol)</i> , 2021, 17, .	3.3	9
6	Nanostructured biomaterials with antimicrobial activity for tissue engineering. , 2020, , 81-137.		4
7	Single-step, acid-based fabrication of homogeneous gelatin-polycaprolactone fibrillar scaffolds intended for skin tissue engineering. <i>Biomedical Materials (Bristol)</i> , 2020, 15, 035001.	3.3	15
8	Antibacterial composite membranes of polycaprolactone/gelatin loaded with zinc oxide nanoparticles for guided tissue regeneration. <i>Biomedical Materials (Bristol)</i> , 2020, 15, 035006.	3.3	27
9	Unexpected cytotoxicity of TiO ₂ -coated magnesium alloys. <i>Materials Letters</i> , 2020, 276, 128236.	2.6	4
10	Electrospun chitosan materials and their potential use as scaffolds for bone and cartilage tissue engineering. , 2020, , 231-280.		4
11	Enhanced antibacterial nanocomposite mats by coaxial electrospinning of polycaprolactone fibers loaded with Zn-based nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 1695-1706.	3.3	27
12	Silver-pig skin nanocomposites and mesenchymal stem cells: suitable antibiofilm cellular dressings for wound healing. <i>Journal of Nanobiotechnology</i> , 2018, 16, 2.	9.1	22
13	Polyelectrolyte complex of Aloe vera, chitosan, and alginate produced fibroblast and lymphocyte viabilities and migration. <i>Carbohydrate Polymers</i> , 2018, 192, 84-94.	10.2	22
14	Poly(3-hydroxybutyrate) graft copolymer dense membranes for human mesenchymal stem cell growth. <i>Electronic Journal of Biotechnology</i> , 2018, 34, 59-66.	2.2	6
15	<i>In vitro</i> and <i>in vivo</i> assessment of lactic acid-modified chitosan scaffolds for potential treatment of full-thickness burns. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2875-2891.	4.0	5
16	Enhancing the osteoblastic differentiation through nanoscale surface modifications. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 498-509.	4.0	13
17	Photocatalytic discoloration of methyl orange dye by Bi ₂ O ₃ thin films. <i>Thin Solid Films</i> , 2016, 612, 72-81.	1.8	32
18	Antibacterial effect of bismuth subsalicylate nanoparticles synthesized by laser ablation. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	14

#	ARTICLE	IF	CITATIONS
19	Opto-electronic properties of bismuth oxide films presenting different crystallographic phases. Thin Solid Films, 2015, 578, 103-112.	1.8	39
20	Bacterial adhesion on amorphous and crystalline metal oxide coatings. Materials Science and Engineering C, 2015, 57, 88-99.	7.3	27
21	Stabilization of the delta-phase in Bi ₂ O ₃ thin films. Solid State Ionics, 2014, 255, 147-152.	2.7	39
22	A comparative study of fibrinogen adsorption onto metal oxide thin films. Applied Surface Science, 2013, 282, 351-362.	6.1	11
23	An overview of protein adsorption on metal oxide coatings for biomedical implants. Surface and Coatings Technology, 2013, 233, 147-158.	4.8	146
24	Albumin adsorption on oxide thin films studied by spectroscopic ellipsometry. Applied Surface Science, 2011, 258, 1711-1718.	6.1	34