

María-a Coronada Fernández-Calderá³

List of Publications by Year in descending order

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papers

694
citations

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docs citations

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times ranked

1256
citing authors

#	ARTICLE	IF	CITATIONS
1	Covalent immobilization of hLf1-11 peptide on a titanium surface reduces bacterial adhesion and biofilm formation. <i>Acta Biomaterialia</i> , 2014, 10, 3522-3534.	8.3	125
2	Bactericidal behaviour of Ti6Al4V surfaces after exposure to UV-C light. <i>Biomaterials</i> , 2010, 31, 5159-5168.	11.4	63
3	Co(III), Ni(II), Zn(II) and Cd(II) complexes with 2-acetyl-2-thiazoline thiosemicarbazone: Synthesis, characterization, X-ray structures and antibacterial activity. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 150-159.	5.5	62
4	Enzymatic activities of <i>Candida tropicalis</i> isolated from hospitalized patients. <i>Medical Mycology</i> , 2010, 48, 207-210.	0.7	51
5	Bacterial response to spatially organized microtopographic surface patterns with nanometer scale roughness. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 169, 340-347.	5.0	39
6	The role of magnesium in biomaterials related infections. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 191, 110996.	5.0	36
7	Controlled silanization-amination reactions on the Ti6Al4V surface for biomedical applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 106, 248-257.	5.0	35
8	Direct Covalent Grafting of Phytate to Titanium Surfaces through Ti-O-P Bonding Shows Bone Stimulating Surface Properties and Decreased Bacterial Adhesion. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 11326-11335.	8.0	35
9	Quercitrin-nanocoated titanium surfaces favour gingival cells against oral bacteria. <i>Scientific Reports</i> , 2016, 6, 22444.	3.3	32
10	Relevance of Topographic Parameters on the Adhesion and Proliferation of Human Gingival Fibroblasts and Oral Bacterial Strains. <i>BioMed Research International</i> , 2019, 2019, 1-13.	1.9	28
11	A physico-chemical study of the interaction of ethanolic extracts of propolis with bacterial cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 200, 111571.	5.0	28
12	Efficacy of laser shock processing of biodegradable Mg and Mg-1Zn alloy on their in vitro corrosion and bacterial response. <i>Surface and Coatings Technology</i> , 2020, 384, 125320.	4.8	25
13	Chemical Profile and Antibacterial Activity of a Novel Spanish Propolis with New Polyphenols also Found in Olive Oil and High Amounts of Flavonoids. <i>Molecules</i> , 2020, 25, 3318.	3.8	21
14	Development of a Ta/TaN/TaNx(Ag)/TaN nanocomposite coating system and bio-response study for biomedical applications. <i>Vacuum</i> , 2017, 145, 55-67.	3.5	20
15	Impact of PLA/Mg films degradation on surface physical properties and biofilm survival. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 185, 110617.	5.0	18
16	<i>Candida tropicalis</i> biofilm formation and expression levels of the CTRG ALS-like genes in sessile cells. <i>Yeast</i> , 2019, 36, 107-115.	1.7	14
17	Antibacterial effect of novel biodegradable and bioresorbable PLDA/Mg composites. <i>Biomedical Materials (Bristol)</i> , 2017, 12, 015025.	3.3	13
18	Antifungal and anti-biofilm activity of a new Spanish extract of propolis against <i>Candida glabrata</i> . <i>BMC Complementary Medicine and Therapies</i> , 2021, 21, 147.	2.7	12

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19	Cellular surface hydrophobicity as an additional phenotypic criterion applied to differentiate strains of <i>Candida albicans</i> and <i>Candida dubliniensis</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , 2008, 60, 129-131.	1.8	11
20	Decomposition of Growth Curves into Growth Rate and Acceleration: a Novel Procedure To Monitor Bacterial Growth and the Time-Dependent Effect of Antimicrobials. <i>Applied and Environmental Microbiology</i> , 2022, 88, AEM0184921.	3.1	7
21	Balancing microbial and mammalian cell functions on calcium ion-modified implant surfaces. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 421-432.	3.4	6
22	Modification of physico-chemical surface properties and growth of <i>Staphylococcus aureus</i> under hyperglycemia and ketoacidosis conditions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 209, 112137.	5.0	5
23	Three-dimensional and chemical changes on the surface of a 3-year clinically retrieved oxidized titanium dental implant. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014, 34, 273-282.	3.1	3
24	Surface Topographical Changes of a Failing Acid-Etched Long-Term in Function Retrieved Dental Implant. <i>Journal of Oral Implantology</i> , 2016, 42, 12-16.	1.0	2
25	Cobalt(II) complexes derived from a 2-aminobenzimidazole-thiazoline ligand: Synthesis, characterization, crystal structures and antimicrobial activity studies. <i>Polyhedron</i> , 2021, 207, 115390.	2.2	2
26	In vitro Cholesterol Assimilation by <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> (BPL1) Probiotic Bacteria under Intestinal Conditions.. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2021, 21, .	1.2	1
27	Biocompatibilidad de osteoblastos e inhibición de adhesión bacteriana a la aleación Ti6Al4V tratada térmica y químicamente. <i>Revista De Metalurgia</i> , 2021, 57, e208.	0.5	0