

Marta Pegueroles

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6174009/publications.pdf>

Version: 2024-02-01

21
papers

726
citations

566801

15
h-index

713013

21
g-index

21
all docs

21
docs citations

21
times ranked

1152
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial organization of osteoblast fibronectin matrix on titanium surfaces: Effects of roughness, chemical heterogeneity and surface energy. <i>Acta Biomaterialia</i> , 2010, 6, 291-301.	4.1	102
2	Adsorption of Fibronectin, Fibrinogen, and Albumin on TiO ₂ : Time-Resolved Kinetics, Structural Changes, and Competition Study. <i>Biointerphases</i> , 2012, 7, 48.	0.6	63
3	The influence of blasting and sterilization on static and time-related wettability and surface-energy properties of titanium surfaces. <i>Surface and Coatings Technology</i> , 2008, 202, 3470-3479.	2.2	58
4	Zn-Mg and Zn-Cu alloys for stenting applications: From nanoscale mechanical characterization to in vitro degradation and biocompatibility. <i>Bioactive Materials</i> , 2021, 6, 4430-4446.	8.6	53
5	Acceleration of apatite nucleation on microrough bioactive titanium for bone-replacing implants. <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 82A, 521-529.	2.1	50
6	Fibroblast adhesion and activation onto micro-machined titanium surfaces. <i>Clinical Oral Implants Research</i> , 2013, 24, 770-780.	1.9	49
7	Biofunctionalization of REDV elastin-like recombinamers improves endothelialization on CoCr alloy surfaces for cardiovascular applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 127, 22-32.	2.5	48
8	Direct Laser Interference Patterning of CoCr Alloy Surfaces to Control Endothelial Cell and Platelet Response for Cardiovascular Applications. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700327.	3.9	47
9	Importance of the Roughness and Residual Stresses of Dental Implants on Fatigue and Osseointegration Behavior. In Vivo Study in Rabbits. <i>Journal of Oral Implantology</i> , 2016, 42, 469-476.	0.4	42
10	Functionalization of CoCr surfaces with cell adhesive peptides to promote HUVECs adhesion and proliferation. <i>Applied Surface Science</i> , 2017, 393, 82-92.	3.1	42
11	Customized Interface Biofunctionalization of Decellularized Extracellular Matrix: Toward Enhanced Endothelialization. <i>Tissue Engineering - Part C: Methods</i> , 2016, 22, 496-508.	1.1	31
12	Tuning Mesenchymal Stem Cell Response onto Titanium-Niobium-Hafnium Alloy by Recombinant Fibronectin Fragments. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 2517-2525.	4.0	30
13	Effect of blasting treatment and Fn coating on MG63 adhesion and differentiation on titanium: a gene expression study using real-time RT-PCR. <i>Journal of Materials Science: Materials in Medicine</i> , 2011, 22, 617-627.	1.7	26
14	Cell adhesive peptides functionalized on CoCr alloy stimulate endothelialization and prevent thrombogenesis and restenosis. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 973-983.	2.1	18
15	RGD Mutation of the Heparin Binding II Fragment of Fibronectin for Guiding Mesenchymal Stem Cell Behavior on Titanium Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 3666-3678.	4.0	15
16	Functionalization Strategies and Fabrication of Solvent-Cast PLLA for Bioresorbable Stents. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1478.	1.3	13
17	Roughness and wettability effect on histological and mechanical response of self-drilling orthodontic mini-implants. <i>Clinical Oral Investigations</i> , 2016, 20, 1115-1120.	1.4	11
18	Enhanced osteoconductivity on electrically charged titanium implants treated by physicochemical surface modifications methods. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 18, 1-10.	1.7	11

#	ARTICLE	IF	CITATIONS
19	Solvent-cast direct-writing as a fabrication strategy for radiopaque stents. Additive Manufacturing, 2021, 48, 102392.	1.7	8
20	Effectiveness of Direct Laser Interference Patterning and Peptide Immobilization on Endothelial Cell Migration for Cardio-Vascular Applications: An In Vitro Study. Nanomaterials, 2022, 12, 1217.	1.9	6
21	Development of Provisional Extracellular Matrix on Biomaterials Interface: Lessons from In Vitro Cell Culture. NATO Science for Peace and Security Series A: Chemistry and Biology, 2010, , 19-43.	0.5	3