Marta Pegueroles

List of Publications by Year
in descending order

21	726	566801 15	713013 21
papers	citations	h-index	g-index

21	21	21	1152
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Functionalization Strategies and Fabrication of Solvent-Cast PLLA for Bioresorbable Stents. Applied Sciences (Switzerland), 2021, 11, 1478.	1.3	13
3	Zn-Mg and Zn-Cu alloys for stenting applications: From nanoscale mechanical characterization to in vitro degradation and biocompatibility. Bioactive Materials, 2021, 6, 4430-4446.	8.6	53
4	Solvent-cast direct-writing as a fabrication strategy for radiopaque stents. Additive Manufacturing, 2021, 48, 102392.	1.7	8
5	Enhanced osteoconductivity on electrically charged titanium implants treated by physicochemical surface modifications methods. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 18, 1-10.	1.7	11
6	RGD Mutation of the Heparin Binding II Fragment of Fibronectin for Guiding Mesenchymal Stem Cell Behavior on Titanium Surfaces. ACS Applied Materials & Interfaces, 2019, 11, 3666-3678.	4.0	15
7	Cell adhesive peptides functionalized on CoCr alloy stimulate endothelialization and prevent thrombogenesis and restenosis. Journal of Biomedical Materials Research - Part A, 2017, 105, 973-983.	2.1	18
8	Direct Laser Interference Patterning of CoCr Alloy Surfaces to Control Endothelial Cell and Platelet Response for Cardiovascular Applications. Advanced Healthcare Materials, 2017, 6, 1700327.	3.9	47
9	Functionalization of CoCr surfaces with cell adhesive peptides to promote HUVECs adhesion and proliferation. Applied Surface Science, 2017, 393, 82-92.	3.1	42
10	Customized Interface Biofunctionalization of Decellularized Extracellular Matrix: Toward Enhanced Endothelialization. Tissue Engineering - Part C: Methods, 2016, 22, 496-508.	1.1	31
11	Roughness and wettability effect on histological and mechanical response of self-drilling orthodontic mini-implants. Clinical Oral Investigations, 2016, 20, 1115-1120.	1.4	11
12	Importance of the Roughness and Residual Stresses of Dental Implants on Fatigue and Osseointegration Behavior. In Vivo Study in Rabbits. Journal of Oral Implantology, 2016, 42, 469-476.	0.4	42
13	Tuning Mesenchymal Stem Cell Response onto Titaniumâ€“Niobiumâ€“Hafnium Alloy by Recombinant Fibronectin Fragments. ACS Applied Materials & Interfaces, 2016, 8, 2517-2525.	4.0	30
14	Biofunctionalization of REDV elastin-like recombinamers improves endothelialization on CoCr alloy surfaces for cardiovascular applications. Colloids and Surfaces B: Biointerfaces, 2015, 127, 22-32.	2.5	48
15	Fibroblast adhesion and activation onto microâ€machined titanium surfaces. Clinical Oral Implants Research, 2013, 24, 770-780.	1.9	49
16	Adsorption of Fibronectin, Fibrinogen, and Albumin on TiO2: Time-Resolved Kinetics, Structural Changes, and Competition Study. Biointerphases, 2012, 7, 48.	0.6	63
17	Effect of blasting treatment and Fn coating on MG63 adhesion and differentiation on titanium: a gene expression study using real-time RT-PCR. Journal of Materials Science: Materials in Medicine, 2011, 22, 617-627.	1.7	26
18	Spatial organization of osteoblast fibronectin matrix on titanium surfaces: Effects of roughness, chemical heterogeneity and surface energy. Acta Biomaterialia, 2010, 6, 291-301.	4.1	102

#	Article	IF	Citations
19	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
20	The influence of blasting and sterilization on static and time-related wettability and surface-energy properties of titanium surfaces. Surface and Coatings Technology, 2008, 202, 3470-3479.	2.2	58
21	Acceleration of apatite nucleation on microrough bioactive titanium for bone-replacing implants. Journal of Biomedical Materials Research - Part A, 2007, 82A, 521-529.	2.1	50