Ana M Martins

List of Publications by Year
in descending order

12 papers	724 citations	1040056 9 h-index	1372567 10 g-index
12 all docs	12 docs citations	12 times ranked	1617 citing authors

#	Article	IF	Citations
1	Electrically Conductive Chitosan/Carbon Scaffolds for Cardiac Tissue Engineering. Biomacromolecules, 2014, 15, 635-643.	5.4	306
2	In vitro degradation and in vivo biocompatibility of chitosanâ€“poly(butylene succinate) fiber mesh scaffolds. Journal of Bioactive and Compatible Polymers, 2014, 29, 137-151.	2.1	79
3	Responsive and in situ-forming chitosan scaffolds for bone tissue engineering applications: an overview of the last decade. Journal of Materials Chemistry, 2010, 20, 1638-1645.	6.7	72
4	Natural origin scaffolds with in situ pore forming capability for bone tissue engineering applications. Acta Biomaterialia, 2008, 4, 1637-1645.	8.3	63
5	The Role of Lipase and Î±-Amylase in the Degradation of Starch/Poly(É›-Caprolactone) Fiber Meshes and the Osteogenic Differentiation of Cultured Marrow Stromal Cells. Tissue Engineering - Part A, 2009, 15, 295-305.	3.1	58
6	The Current Status of iPS Cells in Cardiac Research and Their Potential for Tissue Engineering and Regenerative Medicine. Stem Cell Reviews and Reports, 2014, 10, 177-190.	5.6	53
7	Natural Stimulus Responsive Scaffolds/Cells for Bone Tissue Engineering: Influence of Lysozyme upon Scaffold Degradation and Osteogenic Differentiation of Cultured Marrow Stromal Cells Induced by CaP Coatings. Tissue Engineering - Part A, 2009, 15, 1953-1963.	3.1	37
8	Chitosan scaffolds incorporating lysozyme into CaP coatings produced by a biomimetic route: A novel concept for tissue engineering combining a self-regulated degradation system with in situ pore formation. Acta Biomaterialia, 2009, 5, 3328-3336.	8.3	30
9	Gradual pore formation in natural origin scaffolds throughout subcutaneous implantation. Journal of Biomedical Materials Research - Part A, 2012, 100A, 599-612.	4.0	17
10	Combination of enzymes and flow perfusion conditions improves osteogenic differentiation of bone marrow stromal cells cultured upon starch/poly(Îµâ€caprolactone) fiber meshes. Journal of Biomedical Materials Research - Part A, 2010, 94A, 1061-1069.	4.0	7
11	Toward Osteogenic Differentiation of Marrow Stromal Cells and In Vitro Production of Mineralized Extracellular Matrix onto Natural Scaffolds. , 2009, , 263-281.		2
12	Biomimetic Strategies Incorporating Enzymes into CaP Coatings Mimicking the In Vivo Environment. Methods in Molecular Biology, 2013, 1202, 111-119.	0.9	0