

Ana M Martins

List of Publications by Year in descending order

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12
papers

724
citations

1039406

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1372195

10
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12
all docs

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docs citations

12
times ranked

1617
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrically Conductive Chitosan/Carbon Scaffolds for Cardiac Tissue Engineering. <i>Biomacromolecules</i> , 2014, 15, 635-643.	2.6	306
2	In vitro degradation and in vivo biocompatibility of chitosan/poly(butylene succinate) fiber mesh scaffolds. <i>Journal of Bioactive and Compatible Polymers</i> , 2014, 29, 137-151.	0.8	79
3	Responsive and in situ-forming chitosan scaffolds for bone tissue engineering applications: an overview of the last decade. <i>Journal of Materials Chemistry</i> , 2010, 20, 1638-1645.	6.7	72
4	Natural origin scaffolds with in situ pore forming capability for bone tissue engineering applications. <i>Acta Biomaterialia</i> , 2008, 4, 1637-1645.	4.1	63
5	The Role of Lipase and α -Amylase in the Degradation of Starch/Poly(ϵ -Caprolactone) Fiber Meshes and the Osteogenic Differentiation of Cultured Marrow Stromal Cells. <i>Tissue Engineering - Part A</i> , 2009, 15, 295-305.	1.6	58
6	The Current Status of iPS Cells in Cardiac Research and Their Potential for Tissue Engineering and Regenerative Medicine. <i>Stem Cell Reviews and Reports</i> , 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. <i>Tissue Engineering - Part A</i> , 2009, 15, 1953-1963.	1.6	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. <i>Acta Biomaterialia</i> , 2009, 5, 3328-3336.	4.1	30
9	Gradual pore formation in natural origin scaffolds throughout subcutaneous implantation. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 599-612.	2.1	17
10	Combination of enzymes and flow perfusion conditions improves osteogenic differentiation of bone marrow stromal cells cultured upon starch/poly(ϵ -caprolactone) fiber meshes. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 94A, 1061-1069.	2.1	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. <i>Methods in Molecular Biology</i> , 2013, 1202, 111-119.	0.4	0