

Jorge Alfredo Uquillas

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,579
citations

1039406

9
h-index

1372195

10
g-index

13
all docs

13
docs citations

13
times ranked

3252
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in 3D bioprinting of musculoskeletal tissues. <i>Biofabrication</i> , 2021, 13, 022001.	3.7	47
2	Expanding Biomaterial Surface Topographical Design Space through Natural Surface Reproduction. <i>Advanced Materials</i> , 2021, 33, e2102084.	11.1	16
3	Design of a low-cost, portable, and automated cardiopulmonary resuscitation device for emergency scenarios in Ecuador. , 2017, , .		2
4	Biocompatibility behavior of tricalcium phosphate-chitosan coatings obtained on 316L stainless steel. <i>Materials Chemistry and Physics</i> , 2016, 175, 68-80.	2.0	9
5	Nanoengineered biomimetic hydrogels for guiding human stem cell osteogenesis in three dimensional microenvironments. <i>Journal of Materials Chemistry B</i> , 2016, 4, 3544-3554.	2.9	149
6	25th Anniversary Article: Rational Design and Applications of Hydrogels in Regenerative Medicine. <i>Advanced Materials</i> , 2014, 26, 85-124.	11.1	1,103
7	Genipin crosslinking elevates the strength of electrochemically aligned collagen to the level of tendons. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2012, 15, 176-189.	1.5	71
8	Modeling the Electromobility of Type-I Collagen Molecules in the Electrochemical Fabrication of Dense and Aligned Tissue Constructs. <i>Annals of Biomedical Engineering</i> , 2012, 40, 1641-1653.	1.3	62
9	<i>In vivo</i> response to electrochemically aligned collagen bioscaffolds. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012, 100B, 400-408.	1.6	52
10	Effects of phosphate-buffered saline concentration and incubation time on the mechanical and structural properties of electrochemically aligned collagen threads. <i>Biomedical Materials (Bristol)</i> , 2011, 6, 035008.	1.7	31
11	Modeling of Isoelectric Focusing of Type-I Collagen Molecules Under Uniform Electric Field. , 2011, , .		0
12	Comparison of morphology, orientation, and migration of tendon derived fibroblasts and bone marrow stromal cells on electrochemically aligned collagen constructs. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 94A, 1070-1079.	2.1	37