

TimothÃ© Baudequin

List of Publications by Year in descending order

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papers

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1683354

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218
citing authors

#	ARTICLE	IF	CITATIONS
1	The Osteogenic and Tenogenic Differentiation Potential of C3H10T1/2 (Mesenchymal Stem Cell Model) Cultured on PCL/PLA Electrospun Scaffolds in the Absence of Specific Differentiation Medium. <i>Materials</i> , 2017, 10, 1387.	1.3	27
2	Multilineage Constructs for Scaffold-Based Tissue Engineering: A Review of Tissue-Specific Challenges. <i>Advanced Healthcare Materials</i> , 2018, 7, 1700734.	3.9	23
3	Development of thermo-responsive polycaprolactone macrocarriers conjugated with Poly(N-isopropyl acrylamide) for cell culture. <i>Scientific Reports</i> , 2019, 9, 3477.	1.6	23
4	The bioconjugation mechanism of purine cross-linkers affects microstructure and cell response to ultra rapidly gelling purine-chitosan sponges. <i>Journal of Materials Chemistry B</i> , 2018, 6, 602-613.	2.9	13
5	Objectives, benefits and challenges of bioreactor systems for the clinical-scale expansion of T lymphocyte cells. <i>Biotechnology Advances</i> , 2021, 49, 107735.	6.0	9
6	An additive manufacturing approach to bioreactor design for mesenchymal stem cell culture. <i>Biochemical Engineering Journal</i> , 2020, 156, 107515.	1.8	6
7	Towards the Development and Characterization of an Easy Handling Sheet-Like Biohybrid Bone Substitute. <i>Tissue Engineering - Part A</i> , 2015, 21, 1895-1905.	1.6	5
8	A core-shell guanosine diphosphate crosslinked chitosan scaffold as a potential co-encapsulation platform. <i>Carbohydrate Polymers</i> , 2021, 256, 117499.	5.1	5
9	Encapsulation and differentiation of adipose-derived mesenchymal stem cells in a biomimetic purine cross-linked chitosan sponge. <i>Journal of Biomedical Materials Research - Part A</i> , 2022, 110, 585-594.	2.1	3
10	Validation and scalability of homemade polycaprolactone macrobeads grafted with thermo-responsive poly(N-isopropylacrylamide) for mesenchymal stem cell expansion and harvesting. <i>Biotechnology and Bioengineering</i> , 2022, , .	1.7	3
11	Donor variability alters differentiation and mechanical cohesion of tissue-engineered constructs with human endothelial/MSC co-culture. <i>International Journal of Artificial Organs</i> , 2021, 44, 868-879.	0.7	2
12	In Vitro Bone Cell Response to Tensile Mechanical Solicitations: Is There an Optimal Protocol?. <i>Biotechnology Journal</i> , 2019, 14, e1800358.	1.8	0