

Eamon J Sheehy

List of Publications by Year in descending order

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11
papers

781
citations

932766
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1114
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#	ARTICLE	IF	CITATIONS
1	A Comparison of the Functionality and <i>In Vivo</i> Phenotypic Stability of Cartilaginous Tissues Engineered from Different Stem Cell Sources. <i>Tissue Engineering - Part A</i> , 2012, 18, 1161-1170.	1.6	148
2	Oxygen tension regulates the osteogenic, chondrogenic and endochondral phenotype of bone marrow derived mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2012, 417, 305-310.	1.0	128
3	Engineering osteochondral constructs through spatial regulation of endochondral ossification. <i>Acta Biomaterialia</i> , 2013, 9, 5484-5492.	4.1	106
4	3D printing of fibre-reinforced cartilaginous templates for the regeneration of osteochondral defects. <i>Acta Biomaterialia</i> , 2020, 113, 130-143.	4.1	97
5	Tissue-specific extracellular matrix scaffolds for the regeneration of spatially complex musculoskeletal tissues. <i>Biomaterials</i> , 2019, 188, 63-73.	5.7	91
6	Engineering cartilage or endochondral bone: A comparison of different naturally derived hydrogels. <i>Acta Biomaterialia</i> , 2015, 13, 245-253.	4.1	81
7	Chondrocytes and bone marrow-derived mesenchymal stem cells undergoing chondrogenesis in agarose hydrogels of solid and channelled architectures respond differentially to dynamic culture conditions. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2011, 5, 747-758.	1.3	44
8	Tissue Engineering Whole Bones Through Endochondral Ossification: Regenerating the Distal Phalanx. <i>BioResearch Open Access</i> , 2015, 4, 229-241.	2.6	39
9	Altering the Architecture of Tissue Engineered Hypertrophic Cartilaginous Grafts Facilitates Vascularisation and Accelerates Mineralisation. <i>PLoS ONE</i> , 2014, 9, e90716.	1.1	29
10	The Incorporation of Marine Coral Microparticles into Collagen-Based Scaffolds Promotes Osteogenesis of Human Mesenchymal Stromal Cells via Calcium Ion Signalling. <i>Marine Drugs</i> , 2020, 18, 74.	2.2	14
11	The role of synovial fluid constituents in the lubrication of collagen-glycosaminoglycan scaffolds for cartilage repair. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 118, 104445.	1.5	4