

Eamon Sheehy

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

673
citations

11
h-index

15
g-index

15
ext. papers

788
ext. citations

7
avg. IF

4.12
L-index

#	Paper	IF	Citations
14	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	4.1	1
13	Mechanobiology-informed regenerative medicine: Dose-controlled release of placental growth factor from a functionalized collagen-based scaffold promotes angiogenesis and accelerates bone defect healing. <i>Journal of Controlled Release</i> , 2021 , 334, 96-105	11.7	8
12	3D printing of fibre-reinforced cartilaginous templates for the regeneration of osteochondral defects. <i>Acta Biomaterialia</i> , 2020 , 113, 130-143	10.8	39
11	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,	6	7
10	Biomaterial-based endochondral bone regeneration: a shift from traditional tissue engineering paradigms to developmentally inspired strategies. <i>Materials Today Bio</i> , 2019 , 3, 100009	9.9	32
9	Tissue-specific extracellular matrix scaffolds for the regeneration of spatially complex musculoskeletal tissues. <i>Biomaterials</i> , 2019 , 188, 63-73	15.6	62
8	Tissue Engineering Whole Bones Through Endochondral Ossification: Regenerating the Distal Phalanx. <i>BioResearch Open Access</i> , 2015 , 4, 229-41	2.4	32
7	Engineering cartilage or endochondral bone: a comparison of different naturally derived hydrogels. <i>Acta Biomaterialia</i> , 2015 , 13, 245-53	10.8	67
6	Tissue engineering scaled-up, anatomically shaped osteochondral constructs for joint resurfacing. <i>European Cells and Materials</i> , 2015 , 30, 163-85; discussion 185-6	4.3	30
5	Altering the architecture of tissue engineered hypertrophic cartilaginous grafts facilitates vascularisation and accelerates mineralisation. <i>PLoS ONE</i> , 2014 , 9, e90716	3.7	26
4	Engineering osteochondral constructs through spatial regulation of endochondral ossification. <i>Acta Biomaterialia</i> , 2013 , 9, 5484-92	10.8	91
3	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, 305-10	3.4	109
2	A comparison of the functionality and in vivo phenotypic stability of cartilaginous tissues engineered from different stem cell sources. <i>Tissue Engineering - Part A</i> , 2012 , 18, 1161-70	3.9	132
1	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, 747-58	4.4	37