

Eamon Sheehy`

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

897
citations

759233

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h-index

1125743

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15
all docs

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docs citations

15
times ranked

1225
citing authors

#	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.	3.1	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.	2.1	128
3	Engineering osteochondral constructs through spatial regulation of endochondral ossification. <i>Acta Biomaterialia</i> , 2013, 9, 5484-5492.	8.3	106
4	3D printing of fibre-reinforced cartilaginous templates for the regeneration of osteochondral defects. <i>Acta Biomaterialia</i> , 2020, 113, 130-143.	8.3	97
5	Tissue-specific extracellular matrix scaffolds for the regeneration of spatially complex musculoskeletal tissues. <i>Biomaterials</i> , 2019, 188, 63-73.	11.4	91
6	Engineering cartilage or endochondral bone: A comparison of different naturally derived hydrogels. <i>Acta Biomaterialia</i> , 2015, 13, 245-253.	8.3	81
7	Biomaterial-based endochondral bone regeneration: a shift from traditional tissue engineering paradigms to developmentally inspired strategies. <i>Materials Today Bio</i> , 2019, 3, 100009.	5.5	60
8	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.	2.7	44
9	Tissue Engineering Whole Bones Through Endochondral Ossification: Regenerating the Distal Phalanx. <i>BioResearch Open Access</i> , 2015, 4, 229-241.	2.6	39
10	Tissue engineering scaled-up, anatomically shaped osteochondral constructs for joint resurfacing. , 2015, 30, 163-186.		39
11	Altering the Architecture of Tissue Engineered Hypertrophic Cartilaginous Grafts Facilitates Vascularisation and Accelerates Mineralisation. <i>PLoS ONE</i> , 2014, 9, e90716.	2.5	29
12	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.	9.9	17
13	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.	4.6	14
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.	3.1	4
15	Towards Engineering Whole Bones via Endochondral Ossification. , 2013, , .		0