# Eamon Sheehy`

List of Publications by Year
in descending order



| 15 | 897 | 758635 12 | 1125271 13 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 15 | 15 | 15 | 1225 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A Comparison of the Functionality andIn VivoPhenotypic Stability of Cartilaginous Tissues Engineered from Different Stem Cell Sources. Tissue Engineering - Part A, 2012, 18, 1161-1170. | 1.6 | 148 |
| 2 | Oxygen tension regulates the osteogenic, chondrogenic and endochondral phenotype of bone marrow derived mesenchymal stem cells. Biochemical and Biophysical Research Communications, 2012, 417, 305-310. | 1.0 | 128 |
| 3 | Engineering osteochondral constructs through spatial regulation of endochondral ossification. Acta Biomaterialia, 2013, 9, 5484-5492. | 4.1 | 106 |
| 4 | 3D printing of fibre-reinforced cartilaginous templates for the regeneration of osteochondral defects. Acta Biomaterialia, 2020, 113, 130-143. | 4.1 | 97 |
| 5 | Tissue-specific extracellular matrix scaffolds for the regeneration of spatially complex musculoskeletal tissues. Biomaterials, 2019, 188, 63-73. | 5.7 | 91 |
| 6 | Engineering cartilage or endochondral bone: A comparison of different naturally derived hydrogels. Acta Biomaterialia, 2015, 13, 245-253. | 4.1 | 81 |
| 7 | Biomaterial-based endochondral bone regeneration: a shift from traditional tissue engineering paradigms to developmentally inspired strategies. Materials Today Bio, 2019, 3, 100009. | 2.6 | 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. Journal of Tissue Engineering and Regenerative Medicine, 2011, 5, 747-758. | 1.3 | 44 |
| 9 | Tissue Engineering Whole Bones Through Endochondral Ossification: Regenerating the Distal Phalanx. BioResearch Open Access, 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. PLoS ONE, 2014, 9, e90716. | 1.1 | 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. Journal of Controlled Release, 2021, 334, 96-105. | 4.8 | 17 |
| 13 | The Incorporation of Marine Coral Microparticles into Collagen-Based Scaffolds Promotes Osteogenesis of Human Mesenchymal Stromal Cells via Calcium Ion Signalling. Marine Drugs, 2020, 18, 74. | 2.2 | 14 |
| 14 | The role of synovial fluid constituents in the lubrication of collagen-glycosaminoglycan scaffolds for cartilage repair. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 118, 104445. | 1.5 | 4 |
| 15 | Towards Engineering Whole Bones via Endochondral Ossification. , 2013, , . | | 0 |