

Simon F Carroll

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11784698/publications.pdf>

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7
papers

349
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

566
citing authors

#	ARTICLE	IF	CITATIONS
1	3D printing of fibre-reinforced cartilaginous templates for the regeneration of osteochondral defects. <i>Acta Biomaterialia</i> , 2020, 113, 130-143.	8.3	97
2	Tissue-specific extracellular matrix scaffolds for the regeneration of spatially complex musculoskeletal tissues. <i>Biomaterials</i> , 2019, 188, 63-73.	11.4	91
3	Modulating Gradients in Regulatory Signals within Mesenchymal Stem Cell Seeded Hydrogels: A Novel Strategy to Engineer Zonal Articular Cartilage. <i>PLoS ONE</i> , 2013, 8, e60764.	2.5	65
4	Modulating microfibrillar alignment and growth factor stimulation to regulate mesenchymal stem cell differentiation. <i>Acta Biomaterialia</i> , 2017, 64, 148-160.	8.3	49
5	Cyclic Tensile Strain Can Play a Role in Directing both Intramembranous and Endochondral Ossification of Mesenchymal Stem Cells. <i>Frontiers in Bioengineering and Biotechnology</i> , 2017, 5, 73.	4.1	33
6	Soft Hydrogel Environments that Facilitate Cell Spreading and Aggregation Preferentially Support Chondrogenesis of Adult Stem Cells. <i>Macromolecular Bioscience</i> , 2022, 22, e2100365.	4.1	10
7	Measuring and Modeling Oxygen Transport and Consumption in 3D Hydrogels Containing Chondrocytes and Stem Cells of Different Tissue Origins. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 591126.	4.1	4