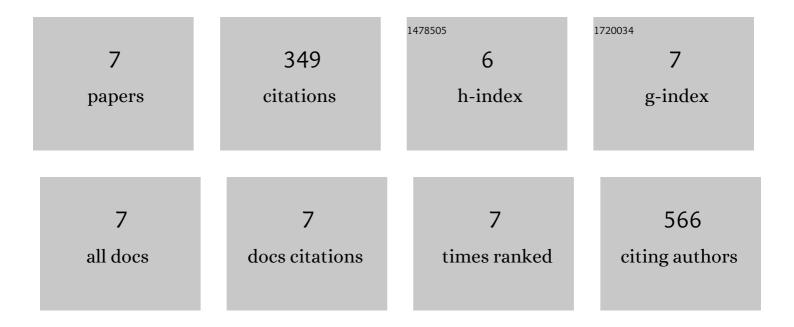
Simon F Carroll

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11784698/publications.pdf Version: 2024-02-01



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