

Jacob W Fleming

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

195
citations

1307594

7
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

330
citing authors

#	ARTICLE	IF	CITATIONS
1	Connective tissue growth factor contributes to joint homeostasis and osteoarthritis severity by controlling the matrix sequestration and activation of latent TGF β 2. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, 1372-1380.	0.9	72
2	Scalable 3D Printed Molds for Human Tissue Engineered Skeletal Muscle. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 20.	4.1	48
3	Bioengineered human skeletal muscle capable of functional regeneration. <i>BMC Biology</i> , 2020, 18, 145.	3.8	24
4	Functional regeneration of tissue engineered skeletal muscle <i>in vitro</i> is dependent on the inclusion of basement membrane proteins. <i>Cytoskeleton</i> , 2019, 76, 371-382.	2.0	12
5	Differentiation of Bioengineered Skeletal Muscle within a 3D Printed Perfusion Bioreactor Reduces Atrophic and Inflammatory Gene Expression. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 5525-5538.	5.2	12
6	Bioengineered model of the human motor unit with physiologically functional neuromuscular junctions. <i>Scientific Reports</i> , 2021, 11, 11695.	3.3	12
7	Mechanical loading of tissue engineered skeletal muscle prevents dexamethasone induced myotube atrophy. <i>Journal of Muscle Research and Cell Motility</i> , 2021, 42, 149-159.	2.0	11
8	Physiological and pathophysiological concentrations of fatty acids induce lipid droplet accumulation and impair functional performance of tissue engineered skeletal muscle. <i>Journal of Cellular Physiology</i> , 2021, 236, 7033-7044.	4.1	4