

Rowan P Rimmington

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

406
citations

1163117

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1372567

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docs citations

12
times ranked

699
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Bioengineered model of the human motor unit with physiologically functional neuromuscular junctions. <i>Scientific Reports</i> , 2021, 11, 11695.	3.3	12
3	Digitally Driven Aerosol Jet Printing to Enable Customisable Neuronal Guidance. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 722294.	3.7	7
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	Scalable 3D Printed Molds for Human Tissue Engineered Skeletal Muscle. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 20.	4.1	48
7	Polydimethylsiloxane and poly(ether) ether ketone functionally graded composites for biomedical applications. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 93, 130-142.	3.1	23
8	3D printing for chemical, pharmaceutical and biological applications. <i>Nature Reviews Chemistry</i> , 2018, 2, 422-436.	30.2	210
9	Feasibility and Biocompatibility of 3D-Printed Photopolymerized and Laser Sintered Polymers for Neuronal, Myogenic, and Hepatic Cell Types. <i>Macromolecular Bioscience</i> , 2018, 18, e1800113.	4.1	32
10	Biocompatible 3D printed polymers via fused deposition modelling direct cellular phenotype <i>in vitro</i> . <i>Lab on A Chip</i> , 2017, 17, 2982-2993.	6.0	46