

Rowan P Rimmington

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6342080/publications.pdf>

Version: 2024-02-01

10
papers

406
citations

1163117

8
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

699
citing authors

#	ARTICLE	IF	CITATIONS
1	3D printing for chemical, pharmaceutical and biological applications. Nature Reviews Chemistry, 2018, 2, 422-436.	30.2	210
2	Scalable 3D Printed Molds for Human Tissue Engineered Skeletal Muscle. Frontiers in Bioengineering and Biotechnology, 2019, 7, 20.	4.1	48
3	Biocompatible 3D printed polymers via fused deposition modelling direct C ₂ cellular phenotype in vitro. Lab on A Chip, 2017, 17, 2982-2993.	6.0	46
4	Feasibility and Biocompatibility of 3D Printed Photopolymerized and Laser Sintered Polymers for Neuronal, Myogenic, and Hepatic Cell Types. Macromolecular Bioscience, 2018, 18, e1800113.	4.1	32
5	Polydimethylsiloxane and poly(ether) ether ketone functionally graded composites for biomedical applications. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 93, 130-142.	3.1	23
6	Functional regeneration of tissue engineered skeletal muscle <i>in vitro</i> is dependent on the inclusion of basement membrane proteins. Cytoskeleton, 2019, 76, 371-382.	2.0	12
7	Differentiation of Bioengineered Skeletal Muscle within a 3D Printed Perfusion Bioreactor Reduces Atrophic and Inflammatory Gene Expression. ACS Biomaterials Science and Engineering, 2019, 5, 5525-5538.	5.2	12
8	Bioengineered model of the human motor unit with physiologically functional neuromuscular junctions. Scientific Reports, 2021, 11, 11695.	3.3	12
9	Digitally Driven Aerosol Jet Printing to Enable Customisable Neuronal Guidance. Frontiers in Cell and Developmental Biology, 2021, 9, 722294.	3.7	7
10	Physiological and pathophysiological concentrations of fatty acids induce lipid droplet accumulation and impair functional performance of tissue engineered skeletal muscle. Journal of Cellular Physiology, 2021, 236, 7033-7044.	4.1	4