

Miles Montgomery

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1638112/publications.pdf>

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10
papers

1,021
citations

1163117

8
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

1859
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradable scaffold with built-in vasculature for organ-on-a-chip engineering and direct surgical anastomosis. <i>Nature Materials</i> , 2016, 15, 669-678.	27.5	471
2	Flexible shape-memory scaffold for minimally invasive delivery of functional tissues. <i>Nature Materials</i> , 2017, 16, 1038-1046.	27.5	295
3	Highly Elastic and Moldable Polyester Biomaterial for Cardiac Tissue Engineering Applications. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 780-788.	5.2	79
4	Microfabrication of AngioChip, a biodegradable polymer scaffold with microfluidic vasculature. <i>Nature Protocols</i> , 2018, 13, 1793-1813.	12.0	58
5	Platform technology for scalable assembly of instantaneously functional mosaic tissues. <i>Science Advances</i> , 2015, 1, e1500423.	10.3	42
6	Cardiac Tissue Vascularization. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2014, 19, 382-393.	2.0	34
7	Method for the Fabrication of Elastomeric Polyester Scaffolds for Tissue Engineering and Minimally Invasive Delivery. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 3691-3703.	5.2	22
8	Macrophage Immunomodulation Through New Polymers that Recapitulate Functional Effects of Itaconate as a Power House of Innate Immunity. <i>Advanced Functional Materials</i> , 2021, 31, 2003341.	14.9	12
9	Elastic Biomaterial Scaffold with Spatially Varying Adhesive Design. <i>Advanced Biology</i> , 2020, 4, e2000046.	3.0	5
10	Spatial and Electrical Factors Regulating Cardiac Regeneration and Assembly. , 2015, , 71-92.		3