

Andrew Lee

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11 papers	1,378 citations	7 h-index	11 g-index
11 ext. papers	1,815 ext. citations	12.4 avg, IF	4.63 L-index

#	Paper	IF	Citations
11	FRESH 3D bioprinting a contractile heart tube using human stem cell-derived cardiomyocytes.. <i>Biofabrication</i> , 2022 ,	10.5	3
10	FRESH 3D Bioprinting a Ventricle-like Cardiac Construct Using Human Stem Cell-Derived Cardiomyocytes. <i>Methods in Molecular Biology</i> , 2022 , 71-85	1.4	0
9	Dynamic loading of human engineered heart tissue enhances contractile function and drives a desmosome-linked disease phenotype. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	14
8	3D bioprinting of collagen to rebuild components of the human heart. <i>Science</i> , 2019 , 365, 482-487	33.3	629
7	Stem cell migration and mechanotransduction on linear stiffness gradient hydrogels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 5647-5652	11.5	257
6	3D bioprinting from the micrometer to millimeter length scales: Size does matter. <i>Current Opinion in Biomedical Engineering</i> , 2017 , 1, 31-37	4.4	28
5	3D Printing PDMS Elastomer in a Hydrophilic Support Bath via Freeform Reversible Embedding. <i>ACS Biomaterials Science and Engineering</i> , 2016 , 2, 1781-1786	5.5	242
4	Continuous wave ultrasonic doppler tonometry 2014 ,		1
3	Mechanical derivation of functional myotubes from adipose-derived stem cells. <i>Biomaterials</i> , 2012 , 33, 2482-91	15.6	84
2	The alignment and fusion assembly of adipose-derived stem cells on mechanically patterned matrices. <i>Biomaterials</i> , 2012 , 33, 6943-51	15.6	119
1	Dynamic Loading of Human Engineered Heart Tissue Enhances Contractile Function and Drives Desmosome-linked Disease Phenotype		1