Andrew Lee

List of Publications by Citations

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