

Zeeshan H Syedain

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,238
citations

759233

12
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

1211
citing authors

#	ARTICLE	IF	CITATIONS
1	Implantable arterial grafts from human fibroblasts and fibrin using a multi-graft pulsed flow-stretch bioreactor with noninvasive strength monitoring. <i>Biomaterials</i> , 2011, 32, 714-722.	11.4	214
2	Cyclic distension of fibrin-based tissue constructs: Evidence of adaptation during growth of engineered connective tissue. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 6537-6542.	7.1	159
3	Tissue engineering of acellular vascular grafts capable of somatic growth in young lambs. <i>Nature Communications</i> , 2016, 7, 12951.	12.8	136
4	Implantation of Completely Biological Engineered Grafts Following Decellularization into the Sheep Femoral Artery. <i>Tissue Engineering - Part A</i> , 2014, 20, 1726-1734.	3.1	121
5	A completely biological "off-the-shelf" arteriovenous graft that recellularizes in baboons. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	120
6	6-Month aortic valve implantation of an off-the-shelf tissue-engineered valve in sheep. <i>Biomaterials</i> , 2015, 73, 175-184.	11.4	115
7	Implantation of a Tissue-Engineered Tubular Heart Valve in Growing Lambs. <i>Annals of Biomedical Engineering</i> , 2017, 45, 439-451.	2.5	89
8	Decellularized Tissue-Engineered Heart Valve Leaflets with Recellularization Potential. <i>Tissue Engineering - Part A</i> , 2013, 19, 759-769.	3.1	88
9	Tubular Heart Valves from Decellularized Engineered Tissue. <i>Annals of Biomedical Engineering</i> , 2013, 41, 2645-2654.	2.5	50
10	Pediatric tubular pulmonary heart valve from decellularized engineered tissue tubes. <i>Biomaterials</i> , 2015, 62, 88-94.	11.4	42
11	Blood Outgrowth Endothelial Cells Alter Remodeling of Completely Biological Engineered Grafts Implanted into the Sheep Femoral Artery. <i>Journal of Cardiovascular Translational Research</i> , 2014, 7, 242-249.	2.4	35
12	Pediatric tri-tube valved conduits made from fibroblast-produced extracellular matrix evaluated over 52 weeks in growing lambs. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	33
13	Tissue-engineered transcatheter vein valve. <i>Biomaterials</i> , 2019, 216, 119229.	11.4	12
14	<i>In Vitro</i> Evaluation of a Device for Intra-Pulmonary Aerosol Generation and Delivery. <i>Aerosol Science and Technology</i> , 2015, 49, 747-752.	3.1	9
15	Biologically-engineered mechanical model of a calcified artery. <i>Acta Biomaterialia</i> , 2020, 110, 164-174.	8.3	8
16	Vascular grafts and valves that animate, made from decellularized biologically-engineered tissue tubes. <i>Journal of Cardiovascular Surgery</i> , 2020, 61, 577-585.	0.6	4
17	Evaluation of the probe burst test as a measure of strength for a biologically-engineered vascular graft. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 119, 104527.	3.1	2
18	Small-Diameter Engineered Arteries: The Gel Approach. , 2020, , 1-12.		1

#	ARTICLE	IF	CITATIONS
19	Small-Diameter Engineered Arteries: The Gel Approach. , 2020, , 365-376.		0