

Jacob C Zbinden

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

300
citations

933447

10
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

313
citing authors

#	ARTICLE	IF	CITATIONS
1	Spontaneous reversal of stenosis in tissue-engineered vascular grafts. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	81
2	Differential outcomes of venous and arterial tissue engineered vascular grafts highlight the importance of coupling long-term implantation studies with computational modeling. <i>Acta Biomaterialia</i> , 2019, 94, 183-194.	8.3	34
3	The effect of pore diameter on neo-tissue formation in electrospun biodegradable tissue-engineered arterial grafts in a large animal model. <i>Acta Biomaterialia</i> , 2020, 115, 176-184.	8.3	33
4	Hemodynamic performance of tissue-engineered vascular grafts in Fontan patients. <i>Npj Regenerative Medicine</i> , 2021, 6, 38.	5.2	23
5	Early cessation of pressure garment therapy results in scar contraction and thickening. <i>PLoS ONE</i> , 2018, 13, e0197558.	2.5	22
6	Role of Early Application of Pressure Garments following Burn Injury and Autografting. <i>Plastic and Reconstructive Surgery</i> , 2019, 143, 310e-321e.	1.4	19
7	Effects of Braiding Parameters on Tissue Engineered Vascular Graft Development. <i>Advanced Healthcare Materials</i> , 2020, 9, e2001093.	7.6	18
8	Tissue engineered vascular grafts transform into autologous neovessels capable of native function and growth. <i>Communications Medicine</i> , 2022, 2, .	4.2	18
9	Improved Scar Outcomes with Increased Daily Duration of Pressure Garment Therapy. <i>Advances in Wound Care</i> , 2020, 9, 453-461.	5.1	11
10	Electrospun Tissue-Engineered Arterial Graft Thickness Affects Long-Term Composition and Mechanics. <i>Tissue Engineering - Part A</i> , 2021, 27, 593-603.	3.1	11
11	Sex and Tamoxifen confound murine experimental studies in cardiovascular tissue engineering. <i>Scientific Reports</i> , 2021, 11, 8037.	3.3	11
12	Tissue Engineered Vascular Graft Recipient Interleukin 10 Status Is Critical for Preventing Thrombosis. <i>Advanced Healthcare Materials</i> , 2020, 9, e2001094.	7.6	8
13	The evaluation of a tissue-engineered cardiac patch seeded with hiPS derived cardiac progenitor cells in a rat left ventricular model. <i>PLoS ONE</i> , 2020, 15, e0234087.	2.5	6
14	Zoledronate alters natural progression of tissue-engineered vascular grafts. <i>FASEB Journal</i> , 2021, 35, e21849.	0.5	3
15	The lysosomal trafficking regulator is necessary for normal wound healing. <i>Wound Repair and Regeneration</i> , 2021, 30, 82.	3.0	1