Jacob Y Koffler

List of Publications by Year
in descending order

13	1,321	840776 11	1125743 13
papers	citations	h-index	g-index

13	13	13	2332
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biomimetic 3D-printed scaffolds for spinal cord injury repair. Nature Medicine, 2019, 25, 263-269.	30.7	460
2	Engineering vessel-like networks within multicellular fibrin-based constructs. Biomaterials, 2011, 32, 7856-7869.	11.4	177
3	Improved vascular organization enhances functional integration of engineered skeletal muscle grafts. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14789-14794.	7.1	177
4	Paclitaxel-clusters coated with hyaluronan as selective tumor-targeted nanovectors. Biomaterials, 2010, 31, 7106-7114.	11.4	136
5	An engineered muscle flap for reconstruction of large soft tissue defects. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6010-6015.	7.1	133
6	Engineered Vascular Beds Provide Key Signals to Pancreatic Hormone-Producing Cells. PLoS ONE, 2012, 7, e40741.	2.5	57
7	Characterizing the degradation of alginate hydrogel for use in multilumen scaffolds for spinal cord repair. Journal of Biomedical Materials Research - Part A, 2016, 104, 611-619.	4.0	52
8	Hierarchically Ordered Porous and High-Volume Polycaprolactone Microchannel Scaffolds Enhanced Axon Growth in Transected Spinal Cords. Tissue Engineering - Part A, 2017, 23, 415-425.	3.1	36
9	Peripheral nerve growth within a hydrogel microchannel scaffold supported by a kinkâ€resistant conduit. Journal of Biomedical Materials Research - Part A, 2017, 105, 3392-3399.	4.0	33
10	Brain derived neurotrophic factor release from layer-by-layer coated agarose nerve guidance scaffolds. Acta Biomaterialia, 2015, 18, 128-131.	8.3	23
11	Bone Marrow Stromal Cell Intraspinal Transplants Fail to Improve Motor Outcomes in a Severe Model of Spinal Cord Injury. Journal of Neurotrauma, 2016, 33, 1103-1114.	3.4	23
12	Using Templated Agarose Scaffolds to Promote Axon Regeneration Through Sites of Spinal Cord Injury. Methods in Molecular Biology, 2014, 1162, 157-165.	0.9	12
13	The future of biomimetic 3D printing. Journal of 3D Printing in Medicine, 2019, 3, 63-65.	2.0	2