In Kap Ko

List of Publications by Year
in descending order

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27 papers	3,285 citations	430874 18 h-index	552781 26 g-index
27 all docs	27 docs citations	27 times ranked	5388 citing authors

#	Article	IF	Citations
1	The Delivery of the Recombinant Protein Cocktail Identified by Stem Cell-Derived Secretome Analysis Accelerates Kidney Repair After Renal Ischemia-Reperfusion Injury. Frontiers in Bioengineering and Biotechnology, 2022, 10, .	4.1	4
2	Pelvic floor muscle function recovery using biofabricated tissue constructs with neuromuscular junctions. Acta Biomaterialia, 2021, 121, 237-249.	8.3	8
3	Accelerating neovascularization and kidney tissue formation with a 3D vascular scaffold capturing native vascular structure. Acta Biomaterialia, 2021, 124, 233-243.	8.3	7
4	Reno-protection of Urine-derived Stem Cells in A Chronic Kidney Disease Rat Model Induced by Renal Ischemia and Nephrotoxicity. International Journal of Biological Sciences, 2020, 16, 435-446.	6.4	26
5	Neural cell integration into 3D bioprinted skeletal muscle constructs accelerates restoration of muscle function. Nature Communications, 2020, 11, 1025.	12.8	130
6	State-of-the-Art Strategies for the Vascularization of Three-Dimensional Engineered Organs. Vascular Specialist International, 2019, 35, 77-89.	0.6	26
7	Controlled Delivery of Stem Cell-Derived Trophic Factors Accelerates Kidney Repair After Renal Ischemia-Reperfusion Injury in Rats. Stem Cells Translational Medicine, 2019, 8, 959-970.	3.3	12
8	Use of uniformly sized muscle fiber fragments for restoration of muscle tissue function. Journal of Tissue Engineering and Regenerative Medicine, 2019, 13, 1230-1240.	2.7	0
9	Effect of Human Amniotic Fluid Stem Cells on Kidney Function in a Model of Chronic Kidney Disease. Tissue Engineering - Part A, 2019, 25, 1493-1503.	3.1	12
10	Kidney regeneration with biomimetic vascular scaffolds based on vascular corrosion casts. Acta Biomaterialia, 2019, 95, 328-336.	8.3	21
11	Cell-derived Secretome for the Treatment of Renal Disease. Childhood Kidney Diseases, 2019, 23, 67-76.	0.4	1
12	Bioactive Compounds for the Treatment of Renal Disease. Yonsei Medical Journal, 2018, 59, 1015.	2.2	8
13	3D Bioprinted Human Skeletal Muscle Constructs for Muscle Function Restoration. Scientific Reports, 2018, 8, 12307.	3.3	166
14	Comparative analysis of two porcine kidney decellularization methods for maintenance of functional vascular architectures. Acta Biomaterialia, 2018, 75, 226-234.	8.3	48
15	Bioartificial Kidneys. Current Stem Cell Reports, 2017, 3, 68-76.	1.6	29
16	Induction of multiple ovulation via modulation of angiotensin II receptors in in vitro ovarian follicle culture models. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 3100-3110.	2.7	20
17	Progressive Muscle Cell Delivery as a Solution for Volumetric Muscle Defect Repair. Scientific Reports, 2016, 6, 38754.	3.3	28
18	Fabrication of biomimetic vascular scaffolds for 3D tissue constructs using vascular corrosion casts. Acta Biomaterialia, 2016, 32, 190-197.	8.3	38

#	Article	IF	Citations
19	Repopulation of porcine kidney scaffold using porcine primary renal cells. Acta Biomaterialia, 2016, 29, 52-61.	8.3	67
20	A 3D bioprinting system to produce human-scale tissue constructs with structural integrity. Nature Biotechnology, 2016, 34, 312-319.	17.5	2,078
21	Kidney diseases and tissue engineering. Methods, 2016, 99, 112-119.	3.8	50
22	Cell-based therapy for kidney disease. Korean Journal of Urology, 2015, 56, 412.	1.2	19
23	Bioengineered transplantable porcine livers with re-endothelialized vasculature. Biomaterials, 2015, 40, 72-79.	11.4	127
24	Enhanced re-endothelialization of acellular kidney scaffolds for whole organ engineering via antibody conjugation of vasculatures. Technology, 2014, 02, 243-253.	1.4	43
25	The effect of inÂvitro formation of acetylcholine receptor (AChR) clusters in engineered muscle fibers on subsequent innervation of constructs inÂvivo. Biomaterials, 2013, 34, 3246-3255.	11.4	43
26	In situ tissue regeneration through host stem cell recruitment. Experimental and Molecular Medicine, 2013, 45, e57-e57.	7.7	202
27	Combined systemic and local delivery of stem cell inducing/recruiting factors for in situ tissue regeneration. FASEB Journal, 2012, 26, 158-168.	0.5	72