Tomasz Jan Kolanowski

List of Publications by Year
in descending order

22	545	758635 12	676716 22
papers	citations	h-index	g-index

23	23	23	1061
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modeling the human heart ex vivoâ€"current possibilities and strive for future applications. Journal of Tissue Engineering and Regenerative Medicine, 2022, 16, 853-874.	1.3	2
2	Mesenchymal Stromal Cells from Different Parts of Umbilical Cord: Approach to Comparison & Characteristics. Stem Cell Reviews and Reports, 2021, 17, 1780-1795.	1.7	19
3	Diminished PLK2 Induces Cardiac Fibrosis and Promotes Atrial Fibrillation. Circulation Research, 2021, 129, 804-820.	2.0	18
4	Molecular Imaging of Human Skeletal Myoblasts (huSKM) in Mouse Post-Infarction Myocardium. International Journal of Molecular Sciences, 2021, 22, 10885.	1.8	2
5	Multiparametric Evaluation of Post-MI Small Animal Models Using Metabolic ([18F]FDG) and Perfusion-Based (SYN1) Heart Viability Tracers. International Journal of Molecular Sciences, 2021, 22, 12591.	1.8	4
6	Enhanced structural maturation of human induced pluripotent stem cell-derived cardiomyocytes under a controlled microenvironment in a microfluidic system. Acta Biomaterialia, 2020, 102, 273-286.	4.1	48
7	Chromatin and transcriptome changes in human myoblasts show spatio-temporal correlations and demonstrate DPP4 inhibition in differentiated myotubes. Scientific Reports, 2020, 10, 14336.	1.6	3
8	Tissue-specific promoter-based reporter system for monitoring cell differentiation from iPSCs to cardiomyocytes. Scientific Reports, 2020, 10, 1895.	1.6	6
9	Biological and Pro-Angiogenic Properties of Genetically Modified Human Primary Myoblasts Overexpressing Placental Growth Factor in In Vitro and In Vivo Studies. Archivum Immunologiae Et Therapiae Experimentalis, 2018, 66, 145-159.	1.0	4
10	The impact of in vitro cell culture duration on the maturation of human cardiomyocytes derived from induced pluripotent stem cells of myogenic origin. Cell Transplantation, 2018, 27, 1047-1067.	1.2	60
11	SPIN1 is a proto-oncogene and SPIN3 is a tumor suppressor in human seminoma. Oncotarget, 2018, 9, 32466-32477.	0.8	22
12	Techniques for the induction of human pluripotent stem cell differentiation towards cardiomyocytes. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 1658-1674.	1.3	27
13	Safety, feasibility and effectiveness of first inâ€human administration of muscleâ€derived stem/progenitor cells modified with connexinâ€43 gene for treatment of advanced chronic heart failure. European Journal of Heart Failure, 2017, 19, 148-157.	2.9	26
14	Making human cardiomyocytes up to date: Derivation, maturation state and perspectives. International Journal of Cardiology, 2017, 241, 379-386.	0.8	101
15	Microfluidic system for enhanced cardiac tissue formation. Current Directions in Biomedical Engineering, 2017, 3, 367-370.	0.2	1
16	In vitro culture of primary human myoblasts by using the dextran microcarriers Cytodex3Â®. Folia Histochemica Et Cytobiologica, 2016, 54, 81-90.	0.6	5
17	Can apoptosis and necrosis coexist in ejaculated human spermatozoa during in vitro semen bacterial infection?. Journal of Assisted Reproduction and Genetics, 2015, 32, 771-779.	1.2	28
18	Fertilizing potential of ejaculated human spermatozoa during inÂvitro semen bacterial infection. Fertility and Sterility, 2014, 102, 711-719.e1.	0.5	27

#	Article	IF	Citations
19	Successful implantation of autologous muscle-derived stem cells in treatment of faecal incontinence due to external sphincter rupture. International Journal of Colorectal Disease, 2013, 28, 1035-1036.	1.0	11
20	Potential biomarkers of nonobstructive azoospermia identified in microarray gene expression analysis. Fertility and Sterility, 2013, 100, 1686-1694.e7.	0.5	87
21	Characterisation of Nuclear Architectural Alterations during In Vitro Differentiation of Human Stem Cells of Myogenic Origin. PLoS ONE, 2013, 8, e73231.	1.1	27
22	Genetically modified human myoblasts with eNOS may improve regenerative ability of myogenic stem cells to infarcted heart. Kardiologia Polska, 2013, 71, 1048-1058.	0.3	7