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	Making human cardiomyocytes up to date: Derivation, maturation state and perspectives. International Journal of Cardiology, 2017, 241, 379-386.	0.8	101
2	Potential biomarkers of nonobstructive azoospermia identified in microarray gene expression analysis. Fertility and Sterility, 2013, 100, 1686-1694.e7.	0.5	87
3	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
4	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
5	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
6	Fertilizing potential of ejaculated human spermatozoa during inÂvitro semen bacterial infection. Fertility and Sterility, 2014, 102, 711-719.e1.	0.5	27
7	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
8	Characterisation of Nuclear Architectural Alterations during In Vitro Differentiation of Human Stem Cells of Myogenic Origin. PLoS ONE, 2013, 8, e73231.	1.1	27
9	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
10	SPIN1 is a proto-oncogene and SPIN3 is a tumor suppressor in human seminoma. Oncotarget, 2018, 9, 32466-32477.	0.8	22
11	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
12	Diminished PLK2 Induces Cardiac Fibrosis and Promotes Atrial Fibrillation. Circulation Research, 2021, 129, 804-820.	2.0	18
13	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
14	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
15	Tissue-specific promoter-based reporter system for monitoring cell differentiation from iPSCs to cardiomyocytes. Scientific Reports, 2020, 10, 1895.	1.6	6
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	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
18	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

#	Article	IF	Citations
19	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
20	Molecular Imaging of Human Skeletal Myoblasts (huSKM) in Mouse Post-Infarction Myocardium. International Journal of Molecular Sciences, 2021, 22, 10885.	1.8	2
21	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
22	Microfluidic system for enhanced cardiac tissue formation. Current Directions in Biomedical Engineering, 2017, 3, 367-370.	0.2	1