

Mohamed Bekhite

List of Publications by Year in descending order

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papers

1,030
citations

516710

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526287

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docs citations

28
times ranked

1774
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Nox inhibitor VAS2870 attenuates PDGF-dependent smooth muscle cell chemotaxis, but not proliferation. Cardiovascular Research, 2006, 71, 331-341.	3.8	235
2	Redox control of angiogenic factors and CD31-positive vessel-like structures in mouse embryonic stem cells after direct current electrical field stimulation. Experimental Cell Research, 2005, 304, 380-390.	2.6	86
3	Regulation of the multidrug resistance transporter P-glycoprotein in multicellular prostate tumor spheroids by hyperthermia and reactive oxygen species. International Journal of Cancer, 2005, 113, 229-240.	5.1	70
4	Mimicry of a constitutively active pre-B cell receptor in acute lymphoblastic leukemia cells. Journal of Experimental Medicine, 2005, 201, 1837-1852.	8.5	70
5	VEGF-mediated PI3K class IA and PKC signaling in cardiomyogenesis and vasculogenesis of mouse embryonic stem cells. Journal of Cell Science, 2011, 124, 1819-1830.	2.0	64
6	Functional Mutation Analysis Provides Evidence for a Role of REEP1 in Lipid Droplet Biology. Human Mutation, 2014, 35, 497-504.	2.5	59
7	Hypoxia, Leptin, and Vascular Endothelial Growth Factor Stimulate Vascular Endothelial Cell Differentiation of Human Adipose Tissue-Derived Stem Cells. Stem Cells and Development, 2014, 23, 333-351.	2.1	56
8	Glycolytic pyruvate regulates P-glycoprotein expression in multicellular tumor spheroids via modulation of the intracellular redox state. Journal of Cellular Biochemistry, 2010, 109, 434-446.	2.6	48
9	Static magnetic fields increase cardiomyocyte differentiation of Flk-1+ cells derived from mouse embryonic stem cells via Ca ²⁺ influx and ROS production. International Journal of Cardiology, 2013, 167, 798-808.	1.7	43
10	The role of ceramide accumulation in human induced pluripotent stem cell-derived cardiomyocytes on mitochondrial oxidative stress and mitophagy. Free Radical Biology and Medicine, 2021, 167, 66-80.	2.9	40
11	β ₂ -adrenergic receptor antagonists inhibit vasculogenesis of embryonic stem cells by downregulation of nitric oxide generation and interference with VEGF signalling. Cell and Tissue Research, 2014, 358, 443-452.	2.9	38
12	Static Electromagnetic Fields Induce Vasculogenesis and Chondro-Osteogenesis of Mouse Embryonic Stem Cells by Reactive Oxygen Species-Mediated Up-Regulation of Vascular Endothelial Growth Factor. Stem Cells and Development, 2010, 19, 731-743.	2.1	35
13	NADPH oxidase and eNOS control cardiomyogenesis in mouse embryonic stem cells on ascorbic acid treatment. Free Radical Biology and Medicine, 2011, 51, 432-443.	2.9	35
14	Skeletal Muscle Function, Structure, and Metabolism in Patients With Heart Failure With Reduced Ejection Fraction and Heart Failure With Preserved Ejection Fraction. Circulation: Heart Failure, 2020, 13, e007198.	3.9	29
15	Longitudinal metabolic profiling of cardiomyocytes derived from human-induced pluripotent stem cells. Basic Research in Cardiology, 2020, 115, 37.	5.9	18
16	The 5-lipoxygenase pathway regulates vasculogenesis in differentiating mouse embryonic stem cells. Cardiovascular Research, 2010, 86, 37-44.	3.8	17
17	Stimulation of vasculogenesis and leukopoiesis of embryonic stem cells by extracellular transfer RNA and ribosomal RNA. Free Radical Biology and Medicine, 2015, 89, 1203-1217.	2.9	15
18	Redox Stimulation of Cardiomyogenesis Versus Inhibition of Vasculogenesis Upon Treatment of Mouse Embryonic Stem Cells with Thalidomide. Antioxidants and Redox Signaling, 2010, 13, 1813-1827.	5.4	14

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19	Differential effects of high and low strength magnetic fields on mouse embryonic development and vasculogenesis of embryonic stem cells. <i>Reproductive Toxicology</i> , 2016, 65, 46-58.	2.9	12
20	Involvement of phosphoinositide 3-kinase class IA (PI3K 110 $\hat{\pm}$) and NADPH oxidase 1 (NOX1) in regulation of vascular differentiation induced by vascular endothelial growth factor (VEGF) in mouse embryonic stem cells. <i>Cell and Tissue Research</i> , 2016, 364, 159-174.	2.9	12
21	Cardiomyogenesis of embryonic stem cells upon purinergic receptor activation by ADP and ATP. <i>Purinergic Signalling</i> , 2015, 11, 491-506.	2.2	8
22	Human Induced Pluripotent Stem Cell as a Disease Modeling and Drug Development Platformâ€™A Cardiac Perspective. <i>Cells</i> , 2021, 10, 3483.	4.1	7
23	Antibacterial Capacity of Differentiated Murine Embryonic Stem Cells During Defined In Vitro Inflammatory Conditions. <i>Stem Cells and Development</i> , 2013, 22, 1977-1990.	2.1	6
24	Metabolomic Profiling in Patients with Heart Failure and Exercise Intolerance: Kynurenine as a Potential Biomarker. <i>Cells</i> , 2022, 11, 1674.	4.1	5
25	Long-Chain and Very Long-Chain Ceramides Mediate Doxorubicin-Induced Toxicity and Fibrosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11852.	4.1	4
26	Embryonic Stem Cells for Tissue Biocompatibility, Angiogenesis, and Inflammation Testing. <i>Cells Tissues Organs</i> , 2017, 204, 1-12.	2.3	3
27	Zoxazolamine-induced stimulation of cardiomyogenesis from embryonic stem cells is mediated by Ca ²⁺ , nitric oxide and ATP release. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118796.	4.1	1