Mohsin Khan

List of Publications by Year in Descending Order

53 papers	2,405 citations	27 h-index	49 g-index
90 ext. papers	2,799 ext. citations	11.1 avg, IF	4.84 L-index

#	Paper	IF	Citations
53	Extracellular vesicle-mediated bidirectional communication between heart and other organs.. *American Journal of Physiology - Heart and Circulatory Physiology*, **2022**, 322, H769-H784	5.2	2
52	LIN28a induced metabolic and redox regulation promotes cardiac cell survival in the heart after ischemic injury. *Redox Biology*, **2021**, 47, 102162	11.3	1
51	Characterization of βARKct engineered cellular extracellular vesicles and model specific cardioprotection. *American Journal of Physiology - Heart and Circulatory Physiology*, **2021**, 320, H1276-H1289	5.2	4
50	Aging in reverse: Reactivating developmental signaling for cardiomyocyte proliferation. *Journal of Molecular and Cellular Cardiology*, **2021**, 154, 1-5	5.8	1
49	Transcriptional Profiling of Cardiac Cells Links Age-Dependent Changes in Acetyl-CoA Signaling to Chromatin Modifications. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
48	Cardiac Remodeling During Pregnancy With Metabolic Syndrome: Prologue of Pathological Remodeling. *Circulation*, **2021**, 143, 699-712	16.7	5
47	Molecular processes mediating hyperhomocysteinemia-induced metabolic reprogramming, redox regulation and growth inhibition in endothelial cells. *Redox Biology*, **2021**, 45, 102018	11.3	2
46	Cortical bone stem cells modify cardiac inflammation after myocardial infarction by inducing a novel macrophage phenotype. *American Journal of Physiology - Heart and Circulatory Physiology*, **2021**, 321, H684-H701	5.2	0
45	Cortical Bone Derived Stem Cells Modulate Cardiac Fibroblast Response via miR-18a in the Heart After Injury. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 494	5.7	7
44	Differential microRNA-21 and microRNA-221 Upregulation in the Biventricular Failing Heart Reveals Distinct Stress Responses of Right Versus Left Ventricular Fibroblasts. *Circulation: Heart Failure*, **2020**, 13, e006426	7.6	6
43	Healing the Broken Heart; The Immunomodulatory Effects of Stem Cell Therapy. *Frontiers in Immunology*, **2020**, 11, 639	8.4	18
42	Stem cell-derived paracrine factors modulate cardiac repair **2020**, 116-145		
41	Cardiomyocyte Krüppel-like Factor 5 Regulates Ceramide Biosynthesis and miR-30 Suppression in Ischemic Cardiomyopathy and Promotes Systolic Dysfunction. *FASEB Journal*, **2020**, 34, 1-1	0.9	
40	The Regulatory Role of T Cell Responses in Cardiac Remodeling Following Myocardial Infarction. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	7
39	Stem Cell Metabolism: Powering Cell-Based Therapeutics. *Cells*, **2020**, 9,	7.9	8
38	Uncoupling protein 2-mediated metabolic adaptations define cardiac cell function in the heart during transition from young to old age. *Stem Cells Translational Medicine*, **2020**, 10, 144	6.9	5
37	HDL subclass proteomic analysis and functional implication of protein dynamic change during HDL maturation. *Redox Biology*, **2019**, 24, 101222	11.3	19

36	Transient Introduction of miR-294 in the Heart Promotes Cardiomyocyte Cell Cycle Reentry After Injury. *Circulation Research*, **2019**, 125, 14-25	15.7	44
35	Extracellular Vesicles Released by Human Induced-Pluripotent Stem Cell-Derived Cardiomyocytes Promote Angiogenesis. *Frontiers in Physiology*, **2018**, 9, 1794	4.6	30
34	Stem Cell Exosomes: Cell-FreeTherapy for Organ Repair. *Methods in Molecular Biology*, **2017**, 1553, 315-321	1.4	20
33	Therapeutic inhibition of miR-375 attenuates post-myocardial infarction inflammatory response and left ventricular dysfunction via PDK-1-AKT signalling axis. *Cardiovascular Research*, **2017**, 113, 938-949	9.9	67
32	Interleukin-10 Inhibits Bone Marrow Fibroblast Progenitor Cell-Mediated Cardiac Fibrosis in Pressure-Overloaded Myocardium. *Circulation*, **2017**, 136, 940-953	16.7	43
31	Low-Intensity Ultrasound-Induced Anti-inflammatory Effects Are Mediated by Several New Mechanisms Including Gene Induction, Immunosuppressor Cell Promotion, and Enhancement of Exosome Biogenesis and Docking. *Frontiers in Physiology*, **2017**, 8, 818	4.6	39
30	More Than Tiny Sacks: Stem Cell Exosomes as Cell-Free Modality for Cardiac Repair. *Circulation Research*, **2016**, 118, 330-43	15.7	122
29	N-Acetyl cysteine protects diabetic mouse derived mesenchymal stem cells from hydrogen-peroxide-induced injury: A novel hypothesis for autologous stem cell transplantation. *Journal of the Chinese Medical Association*, **2016**, 79, 122-9	2.8	12
28	c-kit+ Cardiac Stem Cells: Spontaneous Creation or a Perplexing Reality. *Circulation Research*, **2016**, 118, 783-5	15.7	6
27	IL-10 Accelerates Re-Endothelialization and Inhibits Post-Injury Intimal Hyperplasia following Carotid Artery Denudation. *PLoS ONE*, **2016**, 11, e0147615	3.7	19
26	Restoration of Hydrogen Sulfide Production in Diabetic Mice Improves Reparative Function of Bone Marrow Cells. *Circulation*, **2016**, 134, 1467-1483	16.7	36
25	Hrd1 and ER-Associated Protein Degradation, ERAD, are Critical Elements of the Adaptive ER Stress Response in Cardiac Myocytes. *Circulation Research*, **2015**, 117, 536-46	15.7	64
24	Embryonic stem cell-derived exosomes promote endogenous repair mechanisms and enhance cardiac function following myocardial infarction. *Circulation Research*, **2015**, 117, 52-64	15.7	458
23	Interleukin-10 inhibits chronic angiotensin II-induced pathological autophagy. *Journal of Molecular and Cellular Cardiology*, **2015**, 89, 203-13	5.8	29
22	Sirtuin-6 deficiency exacerbates diabetes-induced impairment of wound healing. *Experimental Dermatology*, **2015**, 24, 773-8	4	30
21	Negative Regulation of miR-375 by Interleukin-10 Enhances Bone Marrow-Derived Progenitor Cell-Mediated Myocardial Repair and Function After Myocardial Infarction. *Stem Cells*, **2015**, 33, 3519-29	5.8	59
20	Mesenchymal Stem Cells Pretreated with HGF and FGF4 Can Reduce Liver Fibrosis in Mice. *Stem Cells International*, **2015**, 2015, 747245	5	21
19	Stem Cells and Cardiac Repair. *Stem Cells International*, **2015**, 2015, 153627	5	

18	Enhanced Cardiac Regenerative Ability of Stem Cells After Ischemia-Reperfusion Injury: Role of Human CD34+ Cells Deficient in MicroRNA-377. *Journal of the American College of Cardiology*, **2015**, 66, 2214-2226	15.1	51
17	Cardiac progenitor cells engineered with βARKct have enhanced β-adrenergic tolerance. *Molecular Therapy*, **2014**, 22, 178-85	11.7	11
16	Mesenchymal stem cells and Interleukin-6 attenuate liver fibrosis in mice. *Journal of Translational Medicine*, **2013**, 11, 78	8.5	85
15	Preconditioning diabetic mesenchymal stem cells with myogenic medium increases their ability to repair diabetic heart. *Stem Cell Research and Therapy*, **2013**, 4, 58	8.3	45
14	Rejuvenation of human cardiac progenitor cells with Pim-1 kinase. *Circulation Research*, **2013**, 113, 1169-79	15.7	94
13	β-Adrenergic regulation of cardiac progenitor cell death versus survival and proliferation. *Circulation Research*, **2013**, 112, 476-86	15.7	50
12	Nitric oxide augments mesenchymal stem cell ability to repair liver fibrosis. *Journal of Translational Medicine*, **2012**, 10, 75	8.5	50
11	Mesenchymal stem cells conditioned with glucose depletion augments their ability to repair-infarcted myocardium. *Journal of Cellular and Molecular Medicine*, **2012**, 16, 2518-29	5.6	45
10	Bone marrow derived mesenchymal stem cells from aged mice have reduced wound healing, angiogenesis, proliferation and anti-apoptosis capabilities. *Cell Biology International*, **2012**, 36, 747-53	4.5	95
9	Human cardiac progenitor cells engineered with Pim-I kinase enhance myocardial repair. *Journal of the American College of Cardiology*, **2012**, 60, 1278-87	15.1	122
8	Enhanced hepatic differentiation of mesenchymal stem cells after pretreatment with injured liver tissue. *Differentiation*, **2011**, 81, 42-8	3.5	59
7	Growth factor preconditioning increases the function of diabetes-impaired mesenchymal stem cells. *Stem Cells and Development*, **2011**, 20, 67-75	4.4	85
6	Pim-1 kinase inhibits pathological injury by promoting cardioprotective signaling. *Journal of Molecular and Cellular Cardiology*, **2011**, 51, 554-8	5.8	25
5	Repair of senescent myocardium by mesenchymal stem cells is dependent on the age of donor mice. *Journal of Cellular and Molecular Medicine*, **2011**, 15, 1515-27	5.6	67
4	Nucleolar stress is an early response to myocardial damage involving nucleolar proteins nucleostemin and nucleophosmin. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 6145-50	11.5	50
3	Myocardial AKT: the omnipresent nexus. *Physiological Reviews*, **2011**, 91, 1023-70	47.9	180
2	Mitochondrial translocation of Nur77 mediates cardiomyocyte apoptosis. *European Heart Journal*, **2011**, 32, 2179-88	9.5	75
1	IGF-1 and G-CSF complement each other in BMSC migration towards infarcted myocardium in a novel in vitro model. *Cell Biology International*, **2009**, 33, 650-7	4.5	8