

# Mohsin Khan

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Embryonic stem cell-derived exosomes promote endogenous repair mechanisms and enhance cardiac function following myocardial infarction. <i>Circulation Research</i> , <b>2015</b> , 117, 52-64	15.7	458
52	Myocardial AKT: the omnipresent nexus. <i>Physiological Reviews</i> , <b>2011</b> , 91, 1023-70	47.9	180
51	More Than Tiny Sacks: Stem Cell Exosomes as Cell-Free Modality for Cardiac Repair. <i>Circulation Research</i> , <b>2016</b> , 118, 330-43	15.7	122
50	Human cardiac progenitor cells engineered with Pim-1 kinase enhance myocardial repair. <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 60, 1278-87	15.1	122
49	Bone marrow derived mesenchymal stem cells from aged mice have reduced wound healing, angiogenesis, proliferation and anti-apoptosis capabilities. <i>Cell Biology International</i> , <b>2012</b> , 36, 747-53	4.5	95
48	Rejuvenation of human cardiac progenitor cells with Pim-1 kinase. <i>Circulation Research</i> , <b>2013</b> , 113, 1169-79	7.7	94
47	Mesenchymal stem cells and Interleukin-6 attenuate liver fibrosis in mice. <i>Journal of Translational Medicine</i> , <b>2013</b> , 11, 78	8.5	85
46	Growth factor preconditioning increases the function of diabetes-impaired mesenchymal stem cells. <i>Stem Cells and Development</i> , <b>2011</b> , 20, 67-75	4.4	85
45	Mitochondrial translocation of Nur77 mediates cardiomyocyte apoptosis. <i>European Heart Journal</i> , <b>2011</b> , 32, 2179-88	9.5	75
44	Therapeutic inhibition of miR-375 attenuates post-myocardial infarction inflammatory response and left ventricular dysfunction via PDK-1-AKT signalling axis. <i>Cardiovascular Research</i> , <b>2017</b> , 113, 938-49	8.9	67
43	Repair of senescent myocardium by mesenchymal stem cells is dependent on the age of donor mice. <i>Journal of Cellular and Molecular Medicine</i> , <b>2011</b> , 15, 1515-27	5.6	67
42	Hrd1 and ER-Associated Protein Degradation, ERAD, are Critical Elements of the Adaptive ER Stress Response in Cardiac Myocytes. <i>Circulation Research</i> , <b>2015</b> , 117, 536-46	15.7	64
41	Negative Regulation of miR-375 by Interleukin-10 Enhances Bone Marrow-Derived Progenitor Cell-Mediated Myocardial Repair and Function After Myocardial Infarction. <i>Stem Cells</i> , <b>2015</b> , 33, 3519-29	5.8	59
40	Enhanced hepatic differentiation of mesenchymal stem cells after pretreatment with injured liver tissue. <i>Differentiation</i> , <b>2011</b> , 81, 42-8	3.5	59
39	Enhanced Cardiac Regenerative Ability of Stem Cells After Ischemia-Reperfusion Injury: Role of Human CD34+ Cells Deficient in MicroRNA-377. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 66, 2214-2226	15.1	51
38	Nitric oxide augments mesenchymal stem cell ability to repair liver fibrosis. <i>Journal of Translational Medicine</i> , <b>2012</b> , 10, 75	8.5	50
37	Adrenergic regulation of cardiac progenitor cell death versus survival and proliferation. <i>Circulation Research</i> , <b>2013</b> , 112, 476-86	15.7	50

36	Nucleolar stress is an early response to myocardial damage involving nucleolar proteins nucleostemin and nucleophosmin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 6145-50	11.5	50
35	Preconditioning diabetic mesenchymal stem cells with myogenic medium increases their ability to repair diabetic heart. <i>Stem Cell Research and Therapy</i> , <b>2013</b> , 4, 58	8.3	45
34	Mesenchymal stem cells conditioned with glucose depletion augments their ability to repair-infarcted myocardium. <i>Journal of Cellular and Molecular Medicine</i> , <b>2012</b> , 16, 2518-29	5.6	45
33	Transient Introduction of miR-294 in the Heart Promotes Cardiomyocyte Cell Cycle Reentry After Injury. <i>Circulation Research</i> , <b>2019</b> , 125, 14-25	15.7	44
32	Interleukin-10 Inhibits Bone Marrow Fibroblast Progenitor Cell-Mediated Cardiac Fibrosis in Pressure-Overloaded Myocardium. <i>Circulation</i> , <b>2017</b> , 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. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 818	4.6	39
30	Restoration of Hydrogen Sulfide Production in Diabetic Mice Improves Reparative Function of Bone Marrow Cells. <i>Circulation</i> , <b>2016</b> , 134, 1467-1483	16.7	36
29	Sirtuin-6 deficiency exacerbates diabetes-induced impairment of wound healing. <i>Experimental Dermatology</i> , <b>2015</b> , 24, 773-8	4	30
28	Extracellular Vesicles Released by Human Induced-Pluripotent Stem Cell-Derived Cardiomyocytes Promote Angiogenesis. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1794	4.6	30
27	Interleukin-10 inhibits chronic angiotensin II-induced pathological autophagy. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2015</b> , 89, 203-13	5.8	29
26	Pim-1 kinase inhibits pathological injury by promoting cardioprotective signaling. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2011</b> , 51, 554-8	5.8	25
25	Mesenchymal Stem Cells Pretreated with HGF and FGF4 Can Reduce Liver Fibrosis in Mice. <i>Stem Cells International</i> , <b>2015</b> , 2015, 747245	5	21
24	Stem Cell Exosomes: Cell-Free Therapy for Organ Repair. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1553, 315-324	11	20
23	HDL subclass proteomic analysis and functional implication of protein dynamic change during HDL maturation. <i>Redox Biology</i> , <b>2019</b> , 24, 101222	11.3	19
22	IL-10 Accelerates Re-Endothelialization and Inhibits Post-Injury Intimal Hyperplasia Following Carotid Artery Denudation. <i>PLoS ONE</i> , <b>2016</b> , 11, e0147615	3.7	19
21	Healing the Broken Heart; The Immunomodulatory Effects of Stem Cell Therapy. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 639	8.4	18
20	N-Acetyl cysteine protects diabetic mouse derived mesenchymal stem cells from hydrogen-peroxide-induced injury: A novel hypothesis for autologous stem cell transplantation. <i>Journal of the Chinese Medical Association</i> , <b>2016</b> , 79, 122-9	2.8	12
19	Cardiac progenitor cells engineered with ARKct have enhancedadrenergic tolerance. <i>Molecular Therapy</i> , <b>2014</b> , 22, 178-85	11.7	11

18	IGF-1 and G-CSF complement each other in BMSC migration towards infarcted myocardium in a novel in vitro model. <i>Cell Biology International</i> , <b>2009</b> , 33, 650-7	4.5	8
17	Stem Cell Metabolism: Powering Cell-Based Therapeutics. <i>Cells</i> , <b>2020</b> , 9,	7.9	8
16	Cortical Bone Derived Stem Cells Modulate Cardiac Fibroblast Response via miR-18a in the Heart After Injury. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 494	5.7	7
15	The Regulatory Role of T Cell Responses in Cardiac Remodeling Following Myocardial Infarction. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	7
14	Differential microRNA-21 and microRNA-221 Upregulation in the Biventricular Failing Heart Reveals Distinct Stress Responses of Right Versus Left Ventricular Fibroblasts. <i>Circulation: Heart Failure</i> , <b>2020</b> , 13, e006426	7.6	6
13	c-kit+ Cardiac Stem Cells: Spontaneous Creation or a Perplexing Reality. <i>Circulation Research</i> , <b>2016</b> , 118, 783-5	15.7	6
12	Uncoupling protein 2-mediated metabolic adaptations define cardiac cell function in the heart during transition from young to old age. <i>Stem Cells Translational Medicine</i> , <b>2020</b> , 10, 144	6.9	5
11	Cardiac Remodeling During Pregnancy With Metabolic Syndrome: Prologue of Pathological Remodeling. <i>Circulation</i> , <b>2021</b> , 143, 699-712	16.7	5
10	Characterization of CRISPR/Cas9 engineered cellular extracellular vesicles and model specific cardioprotection. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2021</b> , 320, H1276-H1289	5.3	4
9	Molecular processes mediating hyperhomocysteinemia-induced metabolic reprogramming, redox regulation and growth inhibition in endothelial cells. <i>Redox Biology</i> , <b>2021</b> , 45, 102018	11.3	2
8	Extracellular vesicle-mediated bidirectional communication between heart and other organs.. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2022</b> , 322, H769-H784	5.2	2
7	LIN28a induced metabolic and redox regulation promotes cardiac cell survival in the heart after ischemic injury. <i>Redox Biology</i> , <b>2021</b> , 47, 102162	11.3	1
6	Aging in reverse: Reactivating developmental signaling for cardiomyocyte proliferation. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2021</b> , 154, 1-5	5.8	1
5	Transcriptional Profiling of Cardiac Cells Links Age-Dependent Changes in Acetyl-CoA Signaling to Chromatin Modifications. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
4	Cortical bone stem cells modify cardiac inflammation after myocardial infarction by inducing a novel macrophage phenotype. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2021</b> , 321, H684-H701	5.2	0
3	Stem Cells and Cardiac Repair. <i>Stem Cells International</i> , <b>2015</b> , 2015, 153627	5	
2	Stem cell-derived paracrine factors modulate cardiac repair <b>2020</b> , 116-145		
1	Cardiomyocyte Krüppel-like Factor 5 Regulates Ceramide Biosynthesis and miR-30 Suppression in Ischemic Cardiomyopathy and Promotes Systolic Dysfunction. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	

