

Raj Kishore

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6304326/raj-kishore-publications-by-year.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

73
papers

4,133
citations

31
h-index

64
g-index

93
ext. papers

4,952
ext. citations

9.9
avg, IF

5.4
L-index

#	Paper	IF	Citations
73	Mesenchymal Stromal Cell Exosomes in Cardiac Repair.. <i>Current Cardiology Reports</i> , 2022 , 24, 405	4.2	
72	Space flight associated changes in astronauts' plasma-derived small extracellular vesicle microRNA: Biomarker identification. <i>Clinical and Translational Medicine</i> , 2022 , 12,	5.7	1
71	STK35 Gene Therapy Attenuates Endothelial Dysfunction and Improves Cardiac Function in Diabetes.. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 798091	5.4	
70	Aging is associated with cardiac autonomic nerve fiber depletion and reduced cardiac and circulating BDNF levels. <i>Journal of Geriatric Cardiology</i> , 2021 , 18, 549-559	1.7	
69	Cortical bone stem cell-derived exosomes' therapeutic effect on myocardial ischemia-reperfusion and cardiac remodeling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021 , 321, H1014-H1029	5.2	3
68	Cell-Free Mitochondrial DNA as a Potential Biomarker for Astronauts' Health. <i>Journal of the American Heart Association</i> , 2021 , 10, e022055	6	7
67	Characterization of CRISPR/Cas9-engineered cellular extracellular vesicles and model specific cardioprotection. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021 , 320, H1276-H1289	5.3	4
66	Myofibroblast-Derived Exosome Induce Cardiac Endothelial Cell Dysfunction. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 676267	5.4	11
65	Role of Podoplanin-Positive Cells in Cardiac Fibrosis and Angiogenesis After Ischemia. <i>Frontiers in Physiology</i> , 2021 , 12, 667278	4.6	0
64	Serum-Derived Small Extracellular Vesicles From Diabetic Mice Impair Angiogenic Property of Microvascular Endothelial Cells: Role of EZH2. <i>Journal of the American Heart Association</i> , 2021 , 10, e019755	6	2
63	Unfathomed Nanomessages to the Heart: Translational Implications of Stem Cell-Derived, Progenitor Cell Exosomes in Cardiac Repair and Regeneration. <i>Cells</i> , 2021 , 10,	7.9	3
62	Cardiac Remodeling During Pregnancy With Metabolic Syndrome: Prologue of Pathological Remodeling. <i>Circulation</i> , 2021 , 143, 699-712	16.7	5
61	Three-dimensional unity of engineered heart tissue mimics the heart better than two-dimensional cellular diversity. <i>Cardiovascular Research</i> , 2021 , 117, 1995-1997	9.9	
60	Long-Term Effects of Very Low Dose Particle Radiation on Gene Expression in the Heart: Degenerative Disease Risks. <i>Cells</i> , 2021 , 10,	7.9	3
59	Phosphatidylinositol-4,5-Bisphosphate Binding to Amphiphysin-II Modulates T-Tubule Remodeling: Implications for Heart Failure.. <i>Frontiers in Physiology</i> , 2021 , 12, 782767	4.6	0
58	IL-10 provides cardioprotection in diabetic myocardial infarction via upregulation of Heme clearance pathways. <i>JCI Insight</i> , 2020 , 5,	9.9	11
57	Targeting exosome-associated human antigen R attenuates fibrosis and inflammation in diabetic heart. <i>FASEB Journal</i> , 2020 , 34, 2238-2251	0.9	23

56	Interleukin-10 Deficiency Alters Endothelial Progenitor Cell-Derived Exosome Reparative Effect on Myocardial Repair via Integrin-Linked Kinase Enrichment. <i>Circulation Research</i> , 2020 , 126, 315-329	15.7	49
55	Role of Circular RNAs in Cardiovascular Disease. <i>Journal of Cardiovascular Pharmacology</i> , 2020 , 76, 128-137	3.7	12
54	Potential role of hydrogen sulfide in diabetes-impaired angiogenesis and ischemic tissue repair. <i>Redox Biology</i> , 2020 , 37, 101704	11.3	10
53	Cardiovascular Manifestations of COVID-19 Infection. <i>Cells</i> , 2020 , 9,	7.9	49
52	Identification and Comparison of Hyperglycemia-Induced Extracellular Vesicle Transcriptome in Different Mouse Stem Cells. <i>Cells</i> , 2020 , 9,	7.9	1
51	Circular RNA CircFndc3b modulates cardiac repair after myocardial infarction via FUS/VEGF-A axis. <i>Nature Communications</i> , 2019 , 10, 4317	17.4	171
50	Transient Introduction of miR-294 in the Heart Promotes Cardiomyocyte Cell Cycle Reentry After Injury. <i>Circulation Research</i> , 2019 , 125, 14-25	15.7	44
49	Podoplanin neutralization improves cardiac remodeling and function after acute myocardial infarction. <i>JCI Insight</i> , 2019 , 5,	9.9	9
48	Hyperhomocysteinemia potentiates diabetes-impaired EDHF-induced vascular relaxation: Role of insufficient hydrogen sulfide. <i>Redox Biology</i> , 2018 , 16, 215-225	11.3	29
47	Extracellular vesicles in diagnostics and therapy of the ischaemic heart: Position Paper from the Working Group on Cellular Biology of the Heart of the European Society of Cardiology. <i>Cardiovascular Research</i> , 2018 , 114, 19-34	9.9	198
46	Epigenetics and precision medicine in cardiovascular patients: from basic concepts to the clinical arena. <i>European Heart Journal</i> , 2018 , 39, 4150-4158	9.5	49
45	Extracellular Vesicles and the Application of System Biology and Computational Modeling in Cardiac Repair. <i>Circulation Research</i> , 2018 , 123, 188-204	15.7	37
44	Stem Cell Exosomes: Cell-Free Therapy for Organ Repair. <i>Methods in Molecular Biology</i> , 2017 , 1553, 315-324	11.4	20
43	Endothelial Progenitor Cells: Procedure for Cell Isolation and Applications. <i>Methods in Molecular Biology</i> , 2017 , 1553, 85-89	1.4	8
42	Interleukin-10 Deficiency Impairs Reparative Properties of Bone Marrow-Derived Endothelial Progenitor Cell Exosomes. <i>Tissue Engineering - Part A</i> , 2017 , 23, 1241-1250	3.9	31
41	Different Sequences of Fractionated Low-Dose Proton and Single Iron-Radiation-Induced Divergent Biological Responses in the Heart. <i>Radiation Research</i> , 2017 , 188, 191-203	3.1	18
40	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> , 2017 , 113, 938-949	8.9	67
39	Cardiac progenitor cells: old is not always gold. <i>Journal of Physiology</i> , 2017 , 595, 6221-6222	3.9	2

38	Interleukin-10 Inhibits Bone Marrow Fibroblast Progenitor Cell-Mediated Cardiac Fibrosis in Pressure-Overloaded Myocardium. <i>Circulation</i> , 2017 , 136, 940-953	16.7	43
37	Mitochondrial dysfunction and its impact on diabetic heart. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017 , 1863, 1098-1105	6.9	36
36	More Than Tiny Sacks: Stem Cell Exosomes as Cell-Free Modality for Cardiac Repair. <i>Circulation Research</i> , 2016 , 118, 330-43	15.7	122
35	MicroRNA-9 inhibits hyperglycemia-induced pyroptosis in human ventricular cardiomyocytes by targeting ELAVL1. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 471, 423-9	3.4	79
34	Tiny Shuttles for Information Transfer: Exosomes in Cardiac Health and Disease. <i>Journal of Cardiovascular Translational Research</i> , 2016 , 9, 169-175	3.3	25
33	Loss of Adult Cardiac Myocyte GSK-3 Leads to Mitotic Catastrophe Resulting in Fatal Dilated Cardiomyopathy. <i>Circulation Research</i> , 2016 , 118, 1208-22	15.7	55
32	IL-10 Accelerates Re-Endothelialization and Inhibits Post-Injury Intimal Hyperplasia following Carotid Artery Denudation. <i>PLoS ONE</i> , 2016 , 11, e0147615	3.7	19
31	Restoration of Hydrogen Sulfide Production in Diabetic Mice Improves Reparative Function of Bone Marrow Cells. <i>Circulation</i> , 2016 , 134, 1467-1483	16.7	36
30	Embryonic stem cell-derived exosomes promote endogenous repair mechanisms and enhance cardiac function following myocardial infarction. <i>Circulation Research</i> , 2015 , 117, 52-64	15.7	458
29	Interleukin-10 inhibits chronic angiotensin II-induced pathological autophagy. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 89, 203-13	5.8	29
28	Genetic deletion of TNFR2 augments inflammatory response and blunts satellite-cell-mediated recovery response in a hind limb ischemia model. <i>FASEB Journal</i> , 2015 , 29, 1208-19	0.9	3
27	Therapeutic manipulation of angiogenesis with miR-27b. <i>Vascular Cell</i> , 2015 , 7, 6	1	40
26	Sirtuin-6 deficiency exacerbates diabetes-induced impairment of wound healing. <i>Experimental Dermatology</i> , 2015 , 24, 773-8	4	30
25	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> , 2015 , 33, 3519-29 ^{5.8}	5.8	59
24	Inhibition of Sam68 triggers adipose tissue browning. <i>Journal of Endocrinology</i> , 2015 , 225, 181-9	4.7	11
23	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> , 2015 , 66, 2214-2226	15.1	51
22	A critical role of Src family kinase in SDF-1/CXCR4-mediated bone-marrow progenitor cell recruitment to the ischemic heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 81, 49-53	5.8	63
21	ECalpain as a Novel Target for Impairment of Nitric Oxide-Mediated Vascular Relaxation in Diabetes: A Mini Review. <i>Journal of Molecular and Genetic Medicine: an International Journal of Biomedical Research</i> , 2015 , 9,	2.5	3

20	Enhanced potency of cell-based therapy for ischemic tissue repair using an injectable bioactive epitope presenting nanofiber support matrix. <i>Journal of Molecular and Cellular Cardiology</i> , 2014 , 74, 231-239	5.8	20
19	E2F1 suppresses cardiac neovascularization by down-regulating VEGF and PlGF expression. <i>Cardiovascular Research</i> , 2014 , 104, 412-22	9.9	22
18	Divergent modification of low-dose β -particle and proton radiation on skeletal muscle. <i>Radiation Research</i> , 2013 , 180, 455-64	3.1	7
17	Transverse Aortic Constriction: a Model to Study Heart Failure in Small Animals 2013 , 164-169		4
16	Bone marrow progenitor cell therapy-mediated paracrine regulation of cardiac miRNA-155 modulates fibrotic response in diabetic hearts. <i>PLoS ONE</i> , 2013 , 8, e60161	3.7	58
15	Enhanced angiogenic and cardiomyocyte differentiation capacity of epigenetically reprogrammed mouse and human endothelial progenitor cells augments their efficacy for ischemic myocardial repair. <i>Circulation Research</i> , 2012 , 111, 180-90	15.7	73
14	Induced pluripotent cells in cardiovascular biology: epigenetics, promises, and challenges. <i>Progress in Molecular Biology and Translational Science</i> , 2012 , 111, 27-49	4	2
13	Roles of STATs signaling in cardiovascular diseases. <i>Jak-stat</i> , 2012 , 1, 118-24		24
12	Interleukin-10 treatment attenuates pressure overload-induced hypertrophic remodeling and improves heart function via signal transducers and activators of transcription 3-dependent inhibition of nuclear factor- κ B. <i>Circulation</i> , 2012 , 126, 418-29	16.7	131
11	Sonic hedgehog-modified human CD34+ cells preserve cardiac function after acute myocardial infarction. <i>Circulation Research</i> , 2012 , 111, 312-21	15.7	145
10	Exosomes from human CD34(+) stem cells mediate their proangiogenic paracrine activity. <i>Circulation Research</i> , 2011 , 109, 724-8	15.7	457
9	Interleukin-10 deficiency impairs bone marrow-derived endothelial progenitor cell survival and function in ischemic myocardium. <i>Circulation Research</i> , 2011 , 109, 1280-9	15.7	109
8	Myocardial knockdown of mRNA-stabilizing protein HuR attenuates post-MI inflammatory response and left ventricular dysfunction in IL-10-null mice. <i>FASEB Journal</i> , 2010 , 24, 2484-94	0.9	56
7	Hypoxic preconditioning enhances the benefit of cardiac progenitor cell therapy for treatment of myocardial infarction by inducing CXCR4 expression. <i>Circulation Research</i> , 2009 , 104, 1209-16	15.7	305
6	IL-10 inhibits inflammation and attenuates left ventricular remodeling after myocardial infarction via activation of STAT3 and suppression of HuR. <i>Circulation Research</i> , 2009 , 104, e9-18	15.7	268
5	Gene therapy for restenosis: biological solution to a biological problem. <i>Journal of Molecular and Cellular Cardiology</i> , 2007 , 42, 461-8	5.8	14
4	Sonic hedgehog myocardial gene therapy: tissue repair through transient reconstitution of embryonic signaling. <i>Nature Medicine</i> , 2005 , 11, 1197-204	50.5	253
3	The cytoskeletal protein ezrin regulates EC proliferation and angiogenesis via TNF-alpha-induced transcriptional repression of cyclin A. <i>Journal of Clinical Investigation</i> , 2005 , 115, 1785-96	15.9	64

- 2 Tumor necrosis factor-mediated E2F1 suppression in endothelial cells: differential requirement of c-Jun N-terminal kinase and p38 mitogen-activated protein kinase signal transduction pathways. *Circulation Research*, **2003**, 93, 932-40 15.7 26
- 1 Functionally novel tumor necrosis factor-alpha-modulated CHR-binding protein mediates cyclin A transcriptional repression in vascular endothelial cells. *Circulation Research*, **2002**, 91, 307-14 15.7 14