

Gregg Rokosh

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.

39
papers

2,138
citations

24
h-index

41
g-index

41
ext. papers

2,449
ext. citations

8.4
avg, IF

4.43
L-index

#	Paper	IF	Citations
39	Intracoronary administration of cardiac progenitor cells alleviates left ventricular dysfunction in rats with a 30-day-old infarction. <i>Circulation</i> , 2010 , 121, 293-305	16.7	304
38	Stromal cell derived factor-1 alpha confers protection against myocardial ischemia/reperfusion injury: role of the cardiac stromal cell derived factor-1 alpha CXCR4 axis. <i>Circulation</i> , 2007 , 116, 654-63	16.7	263
37	Activated T Lymphocytes are Essential Drivers of Pathological Remodeling in Ischemic Heart Failure. <i>Circulation: Heart Failure</i> , 2017 , 10, e003688	7.6	124
36	Role of the protein kinase C-epsilon-Raf-1-MEK-1/2-p44/42 MAPK signaling cascade in the activation of signal transducers and activators of transcription 1 and 3 and induction of cyclooxygenase-2 after ischemic preconditioning. <i>Circulation</i> , 2005 , 112, 1971-8	16.7	118
35	Long-Term Outcome of Administration of c-kit(POS) Cardiac Progenitor Cells After Acute Myocardial Infarction: Transplanted Cells Do not Become Cardiomyocytes, but Structural and Functional Improvement and Proliferation of Endogenous Cells Persist for at Least One Year. <i>Circulation Research</i> , 2016 , 118, 1091-105	15.7	112
34	CCR2 Monocyte-Derived Infiltrating Macrophages Are Required for Adverse Cardiac Remodeling During Pressure Overload. <i>JACC Basic To Translational Science</i> , 2018 , 3, 230-244	8.7	106
33	Cardiac myocyte-specific expression of inducible nitric oxide synthase protects against ischemia/reperfusion injury by preventing mitochondrial permeability transition. <i>Circulation</i> , 2008 , 118, 1970-8	16.7	101
32	Dysfunctional and Proinflammatory Regulatory T-Lymphocytes Are Essential for Adverse Cardiac Remodeling in Ischemic Cardiomyopathy. <i>Circulation</i> , 2019 , 139, 206-221	16.7	95
31	Elevating CXCR7 Improves Angiogenic Function of EPCs via Akt/GSK-3 β /Fyn-Mediated Nrf2 Activation in Diabetic Limb Ischemia. <i>Circulation Research</i> , 2017 , 120, e7-e23	15.7	87
30	The heme oxygenase 1 inducer (CoPP) protects human cardiac stem cells against apoptosis through activation of the extracellular signal-regulated kinase (ERK)/NRF2 signaling pathway and cytokine release. <i>Journal of Biological Chemistry</i> , 2012 , 287, 33720-32	5.4	84
29	A murine model of inducible, cardiac-specific deletion of STAT3: its use to determine the role of STAT3 in the upregulation of cardioprotective proteins by ischemic preconditioning. <i>Journal of Molecular and Cellular Cardiology</i> , 2011 , 50, 589-97	5.8	73
28	Endothelial nitric oxide synthase plays an obligatory role in the late phase of ischemic preconditioning by activating the protein kinase C epsilon p44/42 mitogen-activated protein kinase pSer-signal transducers and activators of transcription1/3 pathway. <i>Circulation</i> , 2007 , 116, 535-44	16.7	70
27	Chronic AMD3100 antagonism of SDF-1alpha-CXCR4 exacerbates cardiac dysfunction and remodeling after myocardial infarction. <i>Journal of Molecular and Cellular Cardiology</i> , 2010 , 49, 587-97	5.8	63
26	The late phase of preconditioning and its natural clinical application--gene therapy. <i>Heart Failure Reviews</i> , 2007 , 12, 189-99	5	57
25	Two-dimensional echocardiography with a 15-MHz transducer is a promising alternative for in vivo measurement of left ventricular mass in mice. <i>Journal of the American Society of Echocardiography</i> , 1999 , 12, 70-5	5.8	54
24	Hepatocyte growth factor/Met gene transfer in cardiac stem cells--potential for cardiac repair. <i>Basic Research in Cardiology</i> , 2010 , 105, 443-52	11.8	49
23	Leukocyte iNOS is required for inflammation and pathological remodeling in ischemic heart failure. <i>Basic Research in Cardiology</i> , 2017 , 112, 19	11.8	46

22	Identification of heme oxygenase 1 (HO-1) as a novel negative regulator of mobilization of hematopoietic stem/progenitor cells. <i>Stem Cell Reviews and Reports</i> , 2015 , 11, 110-8	6.4	43
21	Inhibition of mammalian target of rapamycin protects against reperfusion injury in diabetic heart through STAT3 signaling. <i>Basic Research in Cardiology</i> , 2015 , 110, 31	11.8	38
20	Cardiomyocyte-restricted overexpression of extracellular superoxide dismutase increases nitric oxide bioavailability and reduces infarct size after ischemia/reperfusion. <i>Basic Research in Cardiology</i> , 2012 , 107, 305	11.8	36
19	Evidence for the involvement of sphingosine-1-phosphate in the homing and engraftment of hematopoietic stem cells to bone marrow. <i>Oncotarget</i> , 2015 , 6, 18819-28	3.3	34
18	Effects of Intracoronary Infusion of Escalating Doses of Cardiac Stem Cells in Rats With Acute Myocardial Infarction. <i>Circulation: Heart Failure</i> , 2015 , 8, 757-65	7.6	30
17	Complement component 3 is necessary to preserve myocardium and myocardial function in chronic myocardial infarction. <i>Stem Cells</i> , 2014 , 32, 2502-15	5.8	26
16	The COX-2/PGI2 receptor axis plays an obligatory role in mediating the cardioprotection conferred by the late phase of ischemic preconditioning. <i>PLoS ONE</i> , 2012 , 7, e41178	3.7	26
15	Co-activation of nuclear factor- κ B and myocardin/serum response factor conveys the hypertrophy signal of high insulin levels in cardiac myoblasts. <i>Journal of Biological Chemistry</i> , 2014 , 289, 19585-98	5.4	19
14	Feasibility study of particulate extracellular matrix (P-ECM) and left ventricular assist device (HVAD) therapy in chronic ischemic heart failure bovine model. <i>ASAIO Journal</i> , 2015 , 61, 161-9	3.6	16
13	Stromal cell derived factor-1 β promotes C-Kit ⁺ cardiac stem/progenitor cell quiescence through casein kinase 1 β and GSK3 β <i>Stem Cells</i> , 2014 , 32, 487-99	5.8	11
12	Sema6D acts downstream of bone morphogenetic protein signalling to promote atrioventricular cushion development in mice. <i>Cardiovascular Research</i> , 2016 , 112, 532-542	9.9	11
11	Inducible cardiac-specific overexpression of cyclooxygenase-2 (COX-2) confers resistance to ischemia/reperfusion injury. <i>Basic Research in Cardiology</i> , 2019 , 114, 32	11.8	9
10	Targeting phosphatidylinositol 3-kinase-Akt through hepatocyte growth factor for cardioprotection. <i>Journal of Cardiovascular Medicine</i> , 2013 , 14, 249-53	1.9	9
9	Insights into gene therapy for critical limb ischemia: the devil is in the details. <i>Vascular Pharmacology</i> , 2012 , 57, 10-4	5.9	7
8	Long-term engraftment and angiogenic properties of lentivirally transduced adipose tissue-derived stromal cells. <i>Molecular Biotechnology</i> , 2013 , 54, 13-24	3	6
7	Optimized protocols for isolation, fixation, and flow cytometric characterization of leukocytes in ischemic hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019 , 317, H658-H666 ⁵⁻²		5
6	Heme Egr-1: new partners in atherosclerotic progression?. <i>Circulation Research</i> , 2008 , 102, 6-8	15.7	3
5	Cardiac myocyte-specific transgenic ecSOD targets mitochondria to protect against Ca(2+) induced permeability transition. <i>Frontiers in Physiology</i> , 2013 , 4, 295	4.6	2

4	Oxidative stress contributes to the cigarette smoke extract induced adverse functional effects of rat cardiac stem cells. <i>FASEB Journal</i> , 2012 , 26, 1137.13	0.9	1
3	Response by Bansal et al to Letter Regarding Article, "Dysfunctional and Proinflammatory Regulatory T-Lymphocytes Are Essential for Adverse Cardiac Remodeling in Ischemic Cardiomyopathy". <i>Circulation</i> , 2019 , 139, e1035-e1036	16.7	0
2	An obligatory role of STAT1 in the upregulation of cardioprotective proteins and delayed cardioprotection in ischemic preconditioning. <i>FASEB Journal</i> , 2007 , 21, A1376	0.9	
1	Effects of cigarette smoke extracts on cardiac stem cell Paracellular and Trans-cellular permeability. <i>FASEB Journal</i> , 2012 , 26, 862.8	0.9	