

Yong Sook Kim

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,175
citations

279798

23
h-index

223800

46
g-index

51
all docs

51
docs citations

51
times ranked

3883
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesenchymal stem cells reciprocally regulate the M1/M2 balance in mouse bone marrow-derived macrophages. <i>Experimental and Molecular Medicine</i> , 2014, 46, e70-e70.	7.7	395
2	Quantitative proteomic analyses reveal that GPX4 downregulation during myocardial infarction contributes to ferroptosis in cardiomyocytes. <i>Cell Death and Disease</i> , 2019, 10, 835.	6.3	203
3	Dual Roles of Graphene Oxide To Attenuate Inflammation and Elicit Timely Polarization of Macrophage Phenotypes for Cardiac Repair. <i>ACS Nano</i> , 2018, 12, 1959-1977.	14.6	184
4	Curcumin Attenuates Inflammatory Responses of TNF- α -Stimulated Human Endothelial Cells. <i>Journal of Cardiovascular Pharmacology</i> , 2007, 50, 41-49.	1.9	128
5	Graphene Potentiates the Myocardial Repair Efficacy of Mesenchymal Stem Cells by Stimulating the Expression of Angiogenic Growth Factors and Gap Junction Protein. <i>Advanced Functional Materials</i> , 2015, 25, 2590-2600.	14.9	114
6	Anti-oxidant activity reinforced reduced graphene oxide/alginate microgels: Mesenchymal stem cell encapsulation and regeneration of infarcted hearts. <i>Biomaterials</i> , 2019, 225, 119513.	11.4	110
7	BAY 11-7082, a Nuclear Factor- κ B Inhibitor, Reduces Inflammation and Apoptosis in a Rat Cardiac Ischemia-Reperfusion Injury Model. <i>International Heart Journal</i> , 2010, 51, 348-353.	1.0	77
8	Rosuvastatin Suppresses the Inflammatory Responses Through Inhibition of c-Jun N-terminal Kinase and Nuclear Factor- κ B in Endothelial Cells. <i>Journal of Cardiovascular Pharmacology</i> , 2007, 49, 376-383.	1.9	72
9	Priming of Mesenchymal Stem Cells with Oxytocin Enhances the Cardiac Repair in Ischemia/Reperfusion Injury. <i>Cells Tissues Organs</i> , 2012, 195, 428-442.	2.3	69
10	Tauroursodeoxycholic acid (TUDCA) attenuates pressure overload-induced cardiac remodeling by reducing endoplasmic reticulum stress. <i>PLoS ONE</i> , 2017, 12, e0176071.	2.5	66
11	Curcumin reduces the cardiac ischemia-reperfusion injury: involvement of the toll-like receptor 2 in cardiomyocytes. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 1514-1523.	4.2	57
12	The microRNA miR-34c inhibits vascular smooth muscle cell proliferation and neointimal hyperplasia by targeting stem cell factor. <i>Cellular Signalling</i> , 2015, 27, 1056-1065.	3.6	51
13	Protective role of 5-azacytidine on myocardial infarction is associated with modulation of macrophage phenotype and inhibition of fibrosis. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 1018-1027.	3.6	46
14	Antiinflammatory activity of ANGPTL4 facilitates macrophage polarization to induce cardiac repair. <i>JCI Insight</i> , 2019, 4, .	5.0	46
15	Genistein Promotes Endothelial Colony-Forming Cell (ECFC) Bioactivities and Cardiac Regeneration in Myocardial Infarction. <i>PLoS ONE</i> , 2014, 9, e96155.	2.5	40
16	The microRNA miR-124 inhibits vascular smooth muscle cell proliferation by targeting S100 calcium-binding protein A4 (S100A4). <i>FEBS Letters</i> , 2017, 591, 1041-1052.	2.8	40
17	Restoration of angiogenic capacity of diabetes-insulted mesenchymal stem cells by oxytocin. <i>BMC Cell Biology</i> , 2013, 14, 38.	3.0	37
18	5-Azacytidine modulates interferon regulatory factor 1 in macrophages to exert a cardioprotective effect. <i>Scientific Reports</i> , 2015, 5, 15768.	3.3	37

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19	Natural product derivative BIO promotes recovery after myocardial infarction via unique modulation of the cardiac microenvironment. <i>Scientific Reports</i> , 2016, 6, 30726.	3.3	34
20	Studies on the effects of microencapsulated human mesenchymal stem cells in RGD-modified alginate on cardiomyocytes under oxidative stress conditions using in vitro biomimetic co-culture system. <i>International Journal of Biological Macromolecules</i> , 2019, 123, 512-520.	7.5	32
21	Promigratory Activity of Oxytocin on Umbilical Cord Blood-Derived Mesenchymal Stem Cells. <i>Artificial Organs</i> , 2010, 34, 453-461.	1.9	29
22	Preparation of a drug-eluting stent using a TiO ₂ film deposited by plasma enhanced chemical vapour deposition as a drug-combining matrix. <i>Journal of Materials Chemistry</i> , 2010, 20, 4792.	6.7	29
23	Involvement of miR-34c in high glucose-insulted mesenchymal stem cells leads to inefficient therapeutic effect on myocardial infarction. <i>Cellular Signalling</i> , 2015, 27, 2241-2251.	3.6	25
24	PP2A negatively regulates the hypertrophic response by dephosphorylating HDAC2 S394 in the heart. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-14.	7.7	22
25	Effect of polymer-free TiO ₂ stent coated with abciximab or alpha lipoic acid in porcine coronary restenosis model. <i>Journal of Cardiology</i> , 2014, 64, 409-418.	1.9	21
26	Adjuvant role of macrophages in stem cell-induced cardiac repair in rats. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-10.	7.7	17
27	A novel system-level approach using RNA-sequencing data identifies miR-30-5p and miR-142a-5p as key regulators of apoptosis in myocardial infarction. <i>Scientific Reports</i> , 2018, 8, 14638.	3.3	16
28	Regulation of MMP/TIMP by HUVEC transplantation attenuates ventricular remodeling in response to myocardial infarction. <i>Life Sciences</i> , 2014, 101, 15-26.	4.3	15
29	The optimization of cell therapy by combinational application with apicidin-treated mesenchymal stem cells after myocardial infarction. <i>Oncotarget</i> , 2017, 8, 44281-44294.	1.8	15
30	Nitrogen-doped TiO ₂ films as drug-binding matrices for the preparation of drug-eluting stents. <i>Journal of Materials Chemistry</i> , 2011, 21, 8169.	6.7	14
31	High-Performance Implantable Bioelectrodes with Immunocompatible Topography for Modulation of Macrophage Responses. <i>ACS Nano</i> , 2022, 16, 7471-7485.	14.6	13
32	Angiotensin-Like 4 Is Involved in the Poor Angiogenic Potential of High Glucose-Insulted Bone Marrow Stem Cells. <i>Korean Circulation Journal</i> , 2014, 44, 177.	1.9	12
33	Intramyocardial Injection of Stem Cells in Pig Myocardial Infarction Model: The First Trial in Korea. <i>Journal of Korean Medical Science</i> , 2017, 32, 1708.	2.5	11
34	The Protective Effect of Curcumin on Myocardial Ischemia-Reperfusion Injury. <i>Korean Circulation Journal</i> , 2008, 38, 353.	1.9	10
35	SPION Nanoparticles as an Efficient Probe and Carrier of DNA to Umbilical Cord Blood-Derived Mesenchymal Stem Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 1507-1510.	0.9	10
36	Acute Immune Response in Venoarterial and Venovenous Extracorporeal Membrane Oxygenation Models of Rats. <i>ASAIO Journal</i> , 2021, 67, 546-553.	1.6	10

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37	In vivo therapeutic genome editing via CRISPR/Cas9 magnetoplexes for myocardial infarction. <i>Biomaterials</i> , 2022, 281, 121327.	11.4	10
38	ENOblock inhibits the pathology of diet-induced obesity. <i>Scientific Reports</i> , 2019, 9, 493.	3.3	9
39	Curcumin Attenuates Nuclear Factor- κ B, c-Jun N-Terminal Kinase and p38 in Tumor Necrosis Factor- α -Stimulated Endothelial Cells. <i>Korean Circulation Journal</i> , 2006, 36, 482.	1.9	8
40	A Long Road for Stem Cells to Cure Sick Hearts: Update on Recent Clinical Trials. <i>Korean Circulation Journal</i> , 2012, 42, 71.	1.9	7
41	The Effects of Mesenchymal Stem Cells Transduced with Akt in a Porcine Myocardial Infarction Model. <i>Korean Circulation Journal</i> , 2005, 35, 734.	1.9	5
42	The Role of Nuclear Factor Kappa B Activation in Atherosclerosis and Ischemic Cardiac Injury. <i>Korean Circulation Journal</i> , 2006, 36, 245.	1.9	5
43	Functional Relevance of Macrophage-mediated Inflammation to Cardiac Regeneration. <i>Chonnam Medical Journal</i> , 2018, 54, 10.	0.9	5
44	Viability of Mesenchymal Stem Cells in an Ex Vivo Circulation System. <i>ASAIO Journal</i> , 2020, 66, 433-440.	1.6	5
45	Priming mobilized peripheral blood mononuclear cells with the α -activated platelet supernatant enhances the efficacy of cell therapy for myocardial infarction of rats. <i>Cardiovascular Therapeutics</i> , 2016, 34, 245-253.	2.5	3
46	The adipokine Retnla deficiency increases responsiveness to cardiac repair through adiponectin-rich bone marrow cells. <i>Cell Death and Disease</i> , 2021, 12, 307.	6.3	3
47	Carvedilol Inhibits Expressions of Vascular Cell Adhesion Molecule-1, Intercellular Adhesion Molecule-1, Monocyte Chemoattractant-1, and Interleukin-8 via NF- κ B Inhibition in Human Endothelial Cells. <i>Korean Circulation Journal</i> , 2005, 35, 576.	1.9	3
48	Comprehensive evaluation of differentially expressed non-coding RNAs identified during macrophage activation. <i>Molecular Immunology</i> , 2020, 128, 98-105.	2.2	2
49	Benefits of SGLT2 Inhibitor: Preventing Heart Failure and Beyond. <i>Korean Circulation Journal</i> , 2019, 49, 1196.	1.9	2
50	Novel porcine model of acute myocardial infarction using polyethylene terephthalate. <i>Journal of Biomedical Translational Research</i> , 2019, 20, 44-52.	0.1	1