

# Jin Han

## List of Publications by Year in descending order

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201  
papers

5,523  
citations

94433

37  
h-index

128289

60  
g-index

205  
all docs

205  
docs citations

205  
times ranked

8380  
citing authors

#	ARTICLE	IF	CITATIONS
1	Physiological roles of $K^{+}$ channels in vascular smooth muscle cells. <i>Journal of Smooth Muscle Research</i> , 2008, 44, 65-81.	1.2	362
2	Cryopreservation and its clinical applications. <i>Integrative Medicine Research</i> , 2017, 6, 12-18.	1.8	279
3	Ursolic acid in health and disease. <i>Korean Journal of Physiology and Pharmacology</i> , 2018, 22, 235.	1.2	139
4	Alternative splicing isoforms in health and disease. <i>Pflugers Archiv European Journal of Physiology</i> , 2018, 470, 995-1016.	2.8	121
5	ATP-sensitive $K^{+}$ channel activation by nitric oxide and protein kinase G in rabbit ventricular myocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 283, H1545-H1554.	3.2	108
6	Inhibition of Aerobic Glycolysis Represses Akt/mTOR/HIF-1 $\alpha$ Axis and Restores Tamoxifen Sensitivity in Antiestrogen-Resistant Breast Cancer Cells. <i>PLoS ONE</i> , 2015, 10, e0132285.	2.5	103
7	Mitochondrial Nucleoid: Shield and Switch of the Mitochondrial Genome. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-15.	4.0	95
8	Potential biomarkers for ischemic heart damage identified in mitochondrial proteins by comparative proteomics. <i>Proteomics</i> , 2006, 6, 1237-1249.	2.2	90
9	FOXMI-Induced PRX3 Regulates Stemness and Survival of Colon Cancer Cells via Maintenance of Mitochondrial Function. <i>Gastroenterology</i> , 2015, 149, 1006-1016.e9.	1.3	90
10	Pathophysiology of voltage-gated $K^{+}$ channels in vascular smooth muscle cells: Modulation by protein kinases. <i>Progress in Biophysics and Molecular Biology</i> , 2010, 103, 95-101.	2.9	82
11	Nitric oxide-cGMP-protein kinase G signaling pathway induces anoxic preconditioning through activation of ATP-sensitive $K^{+}$ channels in rat hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 290, H1808-H1817.	3.2	79
12	Cardiovascular Protective Effects and Clinical Applications of Resveratrol. <i>Journal of Medicinal Food</i> , 2017, 20, 323-334.	1.5	76
13	Glucocorticoids and their receptors: Insights into specific roles in mitochondria. <i>Progress in Biophysics and Molecular Biology</i> , 2013, 112, 44-54.	2.9	68
14	Mitochondrial alterations in human gastric carcinoma cell line. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 293, C761-C771.	4.6	67
15	Mitochondrial modulation decreases the bortezomib-resistance in multiple myeloma cells. <i>International Journal of Cancer</i> , 2013, 133, 1357-1367.	5.1	67
16	Humanized animal exercise model for clinical implication. <i>Pflugers Archiv European Journal of Physiology</i> , 2014, 466, 1673-1687.	2.8	65
17	Echinochrome A Protects Mitochondrial Function in Cardiomyocytes against Cardiotoxic Drugs. <i>Marine Drugs</i> , 2014, 12, 2922-2936.	4.6	65
18	Yoga Training Improves Metabolic Parameters in Obese Boys. <i>Korean Journal of Physiology and Pharmacology</i> , 2012, 16, 175.	1.2	63

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19	NecroX-5 prevents hypoxia/reoxygenation injury by inhibiting the mitochondrial calcium uniporter. <i>Cardiovascular Research</i> , 2012, 94, 342-350.	3.8	61
20	Non-genomic effect of glucocorticoids on cardiovascular system. <i>Pflugers Archiv European Journal of Physiology</i> , 2012, 464, 549-559.	2.8	61
21	Ursolic Acid-Induced Elevation of Serum Irisin Augments Muscle Strength During Resistance Training in Men. <i>Korean Journal of Physiology and Pharmacology</i> , 2014, 18, 441.	1.2	60
22	Essential Role of Mitochondrial Ca <sup>2+</sup> Uniporter in the Generation of Mitochondrial pH Gradient and Metabolism-Secretion Coupling in Insulin-releasing Cells. <i>Journal of Biological Chemistry</i> , 2015, 290, 4086-4096.	3.4	60
23	Age-related changes in skeletal muscle mitochondria: the role of exercise. <i>Integrative Medicine Research</i> , 2016, 5, 182-186.	1.8	58
24	Effects of exercise on obesity-induced mitochondrial dysfunction in skeletal muscle. <i>Korean Journal of Physiology and Pharmacology</i> , 2017, 21, 567.	1.2	58
25	Fucoidan from <i>Fucus vesiculosus</i> Protects against Alcohol-Induced Liver Damage by Modulating Inflammatory Mediators in Mice and HepG2 Cells. <i>Marine Drugs</i> , 2015, 13, 1051-1067.	4.6	53
26	Dual Modulation of the Mitochondrial Permeability Transition Pore and Redox Signaling Synergistically Promotes Cardiomyocyte Differentiation From Pluripotent Stem Cells. <i>Journal of the American Heart Association</i> , 2014, 3, e000693.	3.7	52
27	Echinochrome A Increases Mitochondrial Mass and Function by Modulating Mitochondrial Biogenesis Regulatory Genes. <i>Marine Drugs</i> , 2014, 12, 4602-4615.	4.6	51
28	Glutathione peroxidase 1 protects mitochondria against hypoxia/reoxygenation damage in mouse hearts. <i>Pflugers Archiv European Journal of Physiology</i> , 2010, 460, 55-68.	2.8	50
29	Mitochondria as therapeutic targets for cancer stem cells. <i>World Journal of Stem Cells</i> , 2015, 7, 418.	2.8	48
30	Activation of inward rectifier K <sup>+</sup> channels by hypoxia in rabbit coronary arterial smooth muscle cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 289, H2461-H2467.	3.2	47
31	The mitochondrial Ca <sup>2+</sup> -activated K <sup>+</sup> channel activator, NS 1619 inhibits L-type Ca <sup>2+</sup> channels in rat ventricular myocytes. <i>Biochemical and Biophysical Research Communications</i> , 2007, 362, 31-36.	2.1	46
32	Spinochrome D Attenuates Doxorubicin-Induced Cardiomyocyte Death via Improving Glutathione Metabolism and Attenuating Oxidative Stress. <i>Marine Drugs</i> , 2019, 17, 2.	4.6	44
33	Cereblon in health and disease. <i>Pflugers Archiv European Journal of Physiology</i> , 2016, 468, 1299-1309.	2.8	43
34	Physiological role of inward rectifier K <sup>+</sup> channels in vascular smooth muscle cells. <i>Pflugers Archiv European Journal of Physiology</i> , 2008, 457, 137-147.	2.8	42
35	The Critical Roles of Zinc: Beyond Impact on Myocardial Signaling. <i>Korean Journal of Physiology and Pharmacology</i> , 2015, 19, 389.	1.2	42
36	Current and upcoming mitochondrial targets for cancer therapy. <i>Seminars in Cancer Biology</i> , 2017, 47, 154-167.	9.6	41

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37	Aerobic Exercise Training Decreases Hepatic Asprosin in Diabetic Rats. <i>Journal of Clinical Medicine</i> , 2019, 8, 666.	2.4	40
38	Endothelin-1 Acts via Protein Kinase C to Block KATP Channels in Rabbit Coronary and Pulmonary Arterial Smooth Muscle Cells. <i>Journal of Cardiovascular Pharmacology</i> , 2005, 45, 99-108.	1.9	39
39	Dequalinium-based functional nanosomes show increased mitochondria targeting and anticancer effect. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 124, 104-115.	4.3	39
40	Functional expression of smooth muscle-specific ion channels in TGF- $\beta$ <sup>1</sup> -treated human adipose-derived mesenchymal stem cells. <i>American Journal of Physiology - Cell Physiology</i> , 2013, 305, C377-C391.	4.6	38
41	Functional nanosome for enhanced mitochondria-targeted gene delivery and expression. <i>Mitochondrion</i> , 2017, 37, 27-40.	3.4	36
42	Angiotensin II inhibits inward rectifier K <sup>+</sup> channels in rabbit coronary arterial smooth muscle cells through protein kinase C $\beta$ . <i>Biochemical and Biophysical Research Communications</i> , 2006, 341, 728-735.	2.1	35
43	Effects of aged garlic extract and endurance exercise on skeletal muscle FNDC-5 and circulating irisin in high-fat-diet rat models. <i>Nutrition Research and Practice</i> , 2014, 8, 177.	1.9	35
44	Dipeptide-functionalized polyamidoamine dendrimer-mediated apoptin gene delivery facilitates apoptosis of human primary glioma cells. <i>International Journal of Pharmaceutics</i> , 2016, 515, 186-200.	5.2	33
45	Formyl Peptide Receptor 2 Is Involved in Cardiac Repair After Myocardial Infarction Through Mobilization of Circulating Angiogenic Cells. <i>Stem Cells</i> , 2017, 35, 654-665.	3.2	33
46	Cardiac proteomic responses to ischemia/reperfusion injury and ischemic preconditioning. <i>Expert Review of Proteomics</i> , 2011, 8, 241-261.	3.0	32
47	Aged garlic extract enhances exercise-mediated improvement of metabolic parameters in high fat diet-induced obese rats. <i>Nutrition Research and Practice</i> , 2012, 6, 513.	1.9	32
48	Staurosporine Inhibits Voltage-Dependent K <sup>+</sup> Current Through a PKC-Independent Mechanism in Isolated Coronary Arterial Smooth Muscle Cells. <i>Journal of Cardiovascular Pharmacology</i> , 2005, 45, 260-269.	1.9	31
49	Role of stretch-activated channels on the stretch-induced changes of rat atrial myocytes. <i>Progress in Biophysics and Molecular Biology</i> , 2006, 90, 186-206.	2.9	31
50	Increased Inhibition of Inward Rectifier K <sup>+</sup> Channels by Angiotensin II in Small-Diameter Coronary Artery of Isoproterenol-Induced Hypertrophied Model. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 1768-1775.	2.4	31
51	Acetylcholinesterase Inhibitory Activity of Pigment Echinochrome A from Sea Urchin <i>Scaphechinus mirabilis</i> . <i>Marine Drugs</i> , 2014, 12, 3560-3573.	4.6	31
52	Changes in the Ca <sup>2+</sup> -Activated K <sup>+</sup> Channels of the Coronary Artery During Left Ventricular Hypertrophy. <i>Circulation Research</i> , 2003, 93, 541-547.	4.5	30
53	The effect of tyrosine kinase inhibitor genistein on voltage-dependent K <sup>+</sup> channels in rabbit coronary arterial smooth muscle cells. <i>Vascular Pharmacology</i> , 2009, 50, 51-56.	2.1	30
54	Effects of the novel angiotensin II receptor type I antagonist, fimasartan on myocardial ischemia/reperfusion injury. <i>International Journal of Cardiology</i> , 2013, 168, 2851-2859.	1.7	30

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55	A mutation in the mitochondrial protein UQCRB promotes angiogenesis through the generation of mitochondrial reactive oxygen species. <i>Biochemical and Biophysical Research Communications</i> , 2014, 455, 290-297.	2.1	30
56	Toward a better understanding of preeclampsia: Comparative proteomic analysis of preeclamptic placentas. <i>Proteomics - Clinical Applications</i> , 2007, 1, 1625-1636.	1.6	29
57	An Analogue of Resveratrol HS-1793 Exhibits Anticancer Activity Against MCF-7 Cells Via Inhibition of Mitochondrial Biogenesis Gene Expression. <i>Molecules and Cells</i> , 2012, 34, 357-366.	2.6	29
58	The direct modulatory activity of zinc toward ion channels. <i>Integrative Medicine Research</i> , 2015, 4, 142-146.	1.8	29
59	Glucocorticoid receptor positively regulates transcription of FNDC5 in the liver. <i>Scientific Reports</i> , 2017, 7, 43296.	3.3	29
60	Rescue of TCA Cycle Dysfunction for Cancer Therapy. <i>Journal of Clinical Medicine</i> , 2019, 8, 2161.	2.4	29
61	Effects of Acute Exercise on Mitochondrial Function, Dynamics, and Mitophagy in Rat Cardiac and Skeletal Muscles. <i>International Neurourology Journal</i> , 2019, 23, S22-31.	1.2	29
62	Direct inhibition of a PKA inhibitor, H-89 on KV channels in rabbit coronary arterial smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 341, 931-937.	2.1	28
63	Echinochrome A Improves Exercise Capacity during Short-Term Endurance Training in Rats. <i>Marine Drugs</i> , 2015, 13, 5722-5731.	4.6	28
64	Endothelin-1 Inhibits Inward Rectifier K <sup>+</sup> Channels in Rabbit Coronary Arterial Smooth Muscle Cells Through Protein Kinase C. <i>Journal of Cardiovascular Pharmacology</i> , 2005, 46, 681-689.	1.9	27
65	Mitochondrial metabolism in cancer stem cells: a therapeutic target for colon cancer. <i>BMB Reports</i> , 2015, 48, 539-540.	2.4	27
66	Multifaceted Clinical Effects of Echinochrome. <i>Marine Drugs</i> , 2021, 19, 412.	4.6	27
67	Apoptin Gene Delivery by the Functionalized Polyamidoamine Dendrimer Derivatives Induces Cell Death of U87-MG Glioblastoma Cells. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 1618-1633.	3.3	26
68	The role of decorin in cardiovascular diseases: more than just a decoration. <i>Free Radical Research</i> , 2018, 52, 1210-1219.	3.3	26
69	Cardiac adaptation to exercise training in health and disease. <i>Pflugers Archiv European Journal of Physiology</i> , 2020, 472, 155-168.	2.8	26
70	Mitochondrial Mutations in Cardiac Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2017, 982, 81-111.	1.6	25
71	Exercise Training Attenuates Obesity-Induced Skeletal Muscle Remodeling and Mitochondria-Mediated Apoptosis in the Skeletal Muscle. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2301.	2.6	25
72	Tetrahydrobiopterin in energy metabolism and metabolic diseases. <i>Pharmacological Research</i> , 2020, 157, 104827.	7.1	25

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73	Modulation of Mitochondrial ER $\beta$ Expression Inhibits Triple-Negative Breast Cancer Tumor Progression by Activating Mitochondrial Function. <i>Cellular Physiology and Biochemistry</i> , 2019, 52, 468-485.	1.6	25
74	Direct modulation of Ca <sup>2+</sup> -activated K <sup>+</sup> current by H-89 in rabbit coronary arterial smooth muscle cells. <i>Vascular Pharmacology</i> , 2007, 46, 105-113.	2.1	24
75	Morning and evening exercise. <i>Integrative Medicine Research</i> , 2013, 2, 139-144.	1.8	24
76	Pyridine Nucleosides Neopetrosides A and B from a Marine <i>Neopetrosia</i> sp. Sponge. Synthesis of Neopetroside A and Its $\beta$ -Riboside Analogue. <i>Journal of Natural Products</i> , 2015, 78, 1383-1389.	3.0	24
77	Mitochondrial DNA mitochondrial dysfunction and cardiac manifestations. <i>Frontiers in Bioscience - Landmark</i> , 2017, 22, 1177-1194.	3.0	24
78	Gaseous Signaling Molecules in Cardiovascular Function: From Mechanisms to Clinical Translation. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2018, 174, 81-156.	1.6	24
79	Echinochrome A Reduces Colitis in Mice and Induces In Vitro Generation of Regulatory Immune Cells. <i>Marine Drugs</i> , 2019, 17, 622.	4.6	24
80	Protein kinase A-dependent activation of inward rectifier potassium channels by adenosine in rabbit coronary smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 337, 1145-1152.	2.1	23
81	The protein kinase A inhibitor, H-89, directly inhibits KATP and Kir channels in rabbit coronary arterial smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 340, 1104-1110.	2.1	23
82	Cloning of large-conductance Ca <sup>2+</sup> -activated K <sup>+</sup> channel $\beta$ -subunits in mouse cardiomyocytes. <i>Biochemical and Biophysical Research Communications</i> , 2009, 389, 74-79.	2.1	23
83	The combined effects of physical exercise training and detraining on adiponectin in overweight and obese children. <i>Integrative Medicine Research</i> , 2013, 2, 145-150.	1.8	22
84	B7-H4 downregulation induces mitochondrial dysfunction and enhances doxorubicin sensitivity via the cAMP/CREB/PGC1 $\beta$ signaling pathway in HeLa cells. <i>Pflügers Archiv European Journal of Physiology</i> , 2014, 466, 2323-2338.	2.8	22
85	Resistance exercise improves cardiac function and mitochondrial efficiency in diabetic rat hearts. <i>Pflügers Archiv European Journal of Physiology</i> , 2018, 470, 263-275.	2.8	22
86	Is human placenta proteoglycan remodeling involved in pre-eclampsia?. <i>Glycoconjugate Journal</i> , 2008, 25, 441-450.	2.7	21
87	Comparative proteomic analysis on <i>Salmonella Gallinarum</i> and <i>Salmonella Enteritidis</i> exploring proteins that may incorporate host adaptation in poultry. <i>Journal of Proteomics</i> , 2009, 72, 815-821.	2.4	21
88	Different effects of prolonged $\beta$ -adrenergic stimulation on heart and cerebral artery. <i>Integrative Medicine Research</i> , 2014, 3, 204-210.	1.8	21
89	Echinochrome A regulates phosphorylation of phospholamban Ser16 and Thr17 suppressing cardiac SERCA2A Ca <sup>2+</sup> reuptake. <i>Pflügers Archiv European Journal of Physiology</i> , 2015, 467, 2151-2163.	2.8	21
90	Cardiac Response to Oxidative Stress Induced by Mitochondrial Dysfunction. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2016, 170, 101-127.	1.6	21

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91	C1q/TNF-Related Protein 1 (CTRP1) Maintains Blood Pressure Under Dehydration Conditions. <i>Circulation Research</i> , 2018, 123, e5-e19.	4.5	21
92	Therapeutic Cell Protective Role of Histocholesterol under Oxidative Stress in Human Cardiac Progenitor Cells. <i>Marine Drugs</i> , 2019, 17, 368.	4.6	21
93	Ketamine abolishes ischemic preconditioning through inhibition of KATP channels in rabbit hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 283, H13-H21.	3.2	20
94	Characterization of basic amino acids-conjugated PAMAM dendrimers as gene carriers for human adipose-derived mesenchymal stem cells. <i>International Journal of Pharmaceutics</i> , 2016, 501, 75-86.	5.2	20
95	Echinochrome A Treatment Alleviates Fibrosis and Inflammation in Bleomycin-Induced Scleroderma. <i>Marine Drugs</i> , 2021, 19, 237.	4.6	20
96	Site specific differential activation of ras/raf/ERK signaling in rabbit isoproterenol-induced left ventricular hypertrophy. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2006, 1763, 1067-1075.	4.1	19
97	Tetrahydropteridine deficiency impairs mitochondrial function in <i>Dictyostelium discoideum</i> Ax2. <i>FEBS Letters</i> , 2007, 581, 5430-5434.	2.8	19
98	Polyplexes of Functional PAMAM Dendrimer/Apoptin Gene Induce Apoptosis of Human Primary Glioma Cells In Vitro. <i>Polymers</i> , 2019, 11, 296.	4.5	19
99	Influence of starvation on heart contractility and corticosterone level in rats. <i>Pflugers Archiv European Journal of Physiology</i> , 2015, 467, 2351-2360.	2.8	18
100	Post-Translational Modifications of Cardiac Mitochondrial Proteins in Cardiovascular Disease: Not Lost in Translation. <i>Korean Circulation Journal</i> , 2016, 46, 1.	1.9	18
101	A Novel Atypical PKC- $\zeta$ Inhibitor, Echinochrome A, Enhances Cardiomyocyte Differentiation from Mouse Embryonic Stem Cells. <i>Marine Drugs</i> , 2018, 16, 192.	4.6	18
102	Exercise as A Potential Therapeutic Target for Diabetic Cardiomyopathy: Insight into the Underlying Mechanisms. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6284.	4.1	18
103	Mitochondria-Targeted Antioxidants for the Treatment of Cardiovascular Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2017, 982, 621-646.	1.6	18
104	Mitochondrial pyruvate dehydrogenase phosphatase 1 regulates the early differentiation of cardiomyocytes from mouse embryonic stem cells. <i>Experimental and Molecular Medicine</i> , 2016, 48, e254-e254.	7.7	17
105	Exercise training causes a partial improvement through increasing testosterone and eNOS for erectile function in middle-aged rats. <i>Experimental Gerontology</i> , 2018, 108, 131-138.	2.8	17
106	Echinochrome A Attenuates Cerebral Ischemic Injury through Regulation of Cell Survival after Middle Cerebral Artery Occlusion in Rat. <i>Marine Drugs</i> , 2019, 17, 501.	4.6	17
107	Hepatokines as a Molecular Transducer of Exercise. <i>Journal of Clinical Medicine</i> , 2021, 10, 385.	2.4	17
108	Peroxiredoxin 3 deficiency induces cardiac hypertrophy and dysfunction by impaired mitochondrial quality control. <i>Redox Biology</i> , 2022, 51, 102275.	9.0	17

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109	Opening of Mitochondrial ATP-Sensitive Potassium Channels Evokes Oxygen Radical Generation in Rabbit Heart Slices. <i>Journal of Biochemistry</i> , 2002, 131, 721-727.	1.7	16
110	The angiotensin receptor blocker and PPAR- $\gamma$ agonist, telmisartan, delays inactivation of voltage-gated sodium channel in rat heart: novel mechanism of drug action. <i>Pflugers Archiv European Journal of Physiology</i> , 2012, 464, 631-643.	2.8	16
111	A matter of life, death and diseases: mitochondria from a proteomic perspective. <i>Expert Review of Proteomics</i> , 2013, 10, 97-111.	3.0	16
112	Moderate aerobic exercise training ameliorates impairment of mitochondrial function and dynamics in skeletal muscle of high-fat diet-induced obese mice. <i>FASEB Journal</i> , 2021, 35, e21340.	0.5	16
113	Current status on the therapeutic strategies for heart failure and diabetic cardiomyopathy. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112463.	5.6	16
114	Amino acid-modified bio-reducible poly(amidoamine) dendrimers: Synthesis, characterization and In vitro evaluation. <i>Macromolecular Research</i> , 2012, 20, 1156-1162.	2.4	15
115	NecroX-5 exerts anti-inflammatory and anti-fibrotic effects via modulation of the TNF- $\alpha$ /Dcn/TGF- $\beta$ 1/Smad2 pathway in hypoxia/reoxygenation-treated rat hearts. <i>Korean Journal of Physiology and Pharmacology</i> , 2016, 20, 305.	1.2	15
116	NecroX-5 protects mitochondrial oxidative phosphorylation capacity and preserves PGC1- $\alpha$ expression levels during hypoxia/reoxygenation injury. <i>Korean Journal of Physiology and Pharmacology</i> , 2016, 20, 201.	1.2	15
117	Characterization of glycol chitosan grafted with low molecular weight polyethylenimine as a gene carrier for human adipose-derived mesenchymal stem cells. <i>Carbohydrate Polymers</i> , 2016, 153, 379-390.	10.2	15
118	Echinochrome A Promotes Ex Vivo Expansion of Peripheral Blood-Derived CD34+ Cells, Potentially through Downregulation of ROS Production and Activation of the Src-Lyn-p110 $\beta$ Pathway. <i>Marine Drugs</i> , 2019, 17, 526.	4.6	15
119	Peroxiredoxin 3 maintains the survival of endometrial cancer stem cells by regulating oxidative stress. <i>Oncotarget</i> , 2017, 8, 92788-92800.	1.8	15
120	Echinochrome A Treatment Alleviates Atopic Dermatitis-like Skin Lesions in NC/Nga Mice via IL-4 and IL-13 Suppression. <i>Marine Drugs</i> , 2021, 19, 622.	4.6	15
121	Overexpression of peroxiredoxin-3 and -5 is a potential biomarker for prognosis in endometrial cancer. <i>Oncology Letters</i> , 2018, 15, 5111-5118.	1.8	14
122	Aerobic exercise training decreases cereblon and increases AMPK signaling in the skeletal muscle of STZ-induced diabetic rats. <i>Biochemical and Biophysical Research Communications</i> , 2018, 501, 448-453.	2.1	14
123	Tomatidine-stimulated maturation of human embryonic stem cell-derived cardiomyocytes for modeling mitochondrial dysfunction. <i>Experimental and Molecular Medicine</i> , 2022, 54, 493-502.	7.7	14
124	Dynamic changes in nitric oxide and mitochondrial oxidative stress with site-dependent differential tissue response during anoxic preconditioning in rat heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H1457-H1465.	3.2	13
125	Simulated hyperglycemia in rat cardiomyocytes: A proteomics approach for improved analysis of cellular alterations. <i>Proteomics</i> , 2007, 7, 2570-2590.	2.2	13
126	Acute and Chronic Exercise in Animal Models. <i>Advances in Experimental Medicine and Biology</i> , 2017, 999, 55-71.	1.6	13



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127	Apoptin Gene Delivery by the Functionalized Polyamidoamine (PAMAM) Dendrimer Modified with Ornithine Induces Cell Death of HepG2 Cells. <i>Polymers</i> , 2017, 9, 197.	4.5	13
128	Aging Promotes Mitochondria-Mediated Apoptosis in Rat Hearts. <i>Life</i> , 2020, 10, 178.	2.4	13
129	Exercise-Induced Circulating Irisin Level Is Correlated with Improved Cardiac Function in Rats. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3863.	2.6	13
130	Effects of a single bout of exercise on mitochondria-mediated apoptotic signaling in rat cardiac and skeletal muscles. <i>Journal of Exercise Rehabilitation</i> , 2019, 15, 512-517.	1.0	13
131	Acute hypoxia induces vasodilation and increases coronary blood flow by activating inward rectifier K <sup>+</sup> channels. <i>Pflugers Archiv European Journal of Physiology</i> , 2007, 454, 1023-1030.	2.8	12
132	Cardiac Damage Biomarkers Following a Triathlon in Elite and Non-elite Triathletes. <i>Korean Journal of Physiology and Pharmacology</i> , 2014, 18, 419.	1.2	12
133	Generation of PDGFR $\beta$ <sup>+</sup> Cardioblasts from Pluripotent Stem Cells. <i>Scientific Reports</i> , 2017, 7, 41840.	3.3	12
134	Tetrahydrobiopterin enhances mitochondrial biogenesis and cardiac contractility via stimulation of PGC1 $\alpha$ signaling. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 165524.	3.8	12
135	Ketamine blocks Ca <sup>2+</sup> -activated K <sup>+</sup> channels in rabbit cerebral arterial smooth muscle cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 285, H1347-H1355.	3.2	11
136	NecroX $\alpha$ 5 suppresses sodium nitroprusside $\alpha$ 6 $\alpha$ 7 induced cardiac cell death through inhibition of JNK and caspase $\alpha$ 8 activation. <i>Cell Biology International</i> , 2014, 38, 702-707.	3.0	11
137	Ursolic acid supplementation decreases markers of skeletal muscle damage during resistance training in resistance-trained men: a pilot study. <i>Korean Journal of Physiology and Pharmacology</i> , 2017, 21, 651.	1.2	11
138	Human giant congenital melanocytic nevus exhibits potential proteomic alterations leading to melanotumorigenesis. <i>Proteome Science</i> , 2012, 10, 50.	1.7	10
139	HS-1793, a recently developed resveratrol analogue protects rat heart against hypoxia/reoxygenation injury via attenuating mitochondrial damage. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 4225-4229.	2.2	10
140	Relationship between Tetrahydrobiopterin and Portal Hypertension in Patients with Chronic Liver Disease. <i>Journal of Korean Medical Science</i> , 2014, 29, 392.	2.5	10
141	Cationic Oligopeptide-Functionalized Mitochondria Targeting Sequence Show Mitochondria Targeting and Anticancer Activity. <i>Macromolecular Research</i> , 2019, 27, 1071-1080.	2.4	10
142	Evaluation of global expression of selected genes as potential candidates for internal normalizing control during transcriptome analysis in dromedary camel ( <i>Camelus dromedarius</i> ). <i>Small Ruminant Research</i> , 2020, 184, 106050.	1.2	10
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