

Nipon Chattipakorn

List of Publications by Year in descending order

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Version: 2024-02-01

148
papers

4,374
citations

101543

36
h-index

161849

54
g-index

148
all docs

148
docs citations

148
times ranked

5712
citing authors

#	ARTICLE	IF	CITATIONS
1	Decreased microglial activation through gut-brain axis by prebiotics, probiotics, or synbiotics effectively restored cognitive function in obese-insulin resistant rats. <i>Journal of Neuroinflammation</i> , 2018, 15, 11.	7.2	175
2	Pharmacological Properties of Protocatechuic Acid and Its Potential Roles as Complementary Medicine. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-11.	1.2	167
3	Roles of mitochondrial dynamics modulators in cardiac ischaemia/reperfusion injury. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 2643-2653.	3.6	120
4	Potential mechanisms responsible for cardioprotective effects of sodium-glucose co-transporter 2 inhibitors. <i>Cardiovascular Diabetology</i> , 2018, 17, 101.	6.8	114
5	Effects of vildagliptin versus sitagliptin, on cardiac function, heart rate variability and mitochondrial function in obese insulin-resistant rats. <i>British Journal of Pharmacology</i> , 2013, 169, 1048-1057.	5.4	102
6	Tai Chi Improves Cognition and Plasma BDNF in Older Adults With Mild Cognitive Impairment: A Randomized Controlled Trial. <i>Neurorehabilitation and Neural Repair</i> , 2018, 32, 142-149.	2.9	101
7	Effects of electrical stimulation on cell proliferation and apoptosis. <i>Journal of Cellular Physiology</i> , 2018, 233, 1860-1876.	4.1	94
8	Cardioprotection of dapagliflozin and vildagliptin in rats with cardiac ischemia-reperfusion injury. <i>Journal of Endocrinology</i> , 2018, 236, 69-84.	2.6	91
9	Acute dapagliflozin administration exerts cardioprotective effects in rats with cardiac ischemia/reperfusion injury. <i>Cardiovascular Diabetology</i> , 2020, 19, 91.	6.8	88
10	Effects of galactose-induced ageing on the heart and its potential interventions. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 1392-1410.	3.6	79
11	The effects of iron overload on mitochondrial function, mitochondrial dynamics, and ferroptosis in cardiomyocytes. <i>Archives of Biochemistry and Biophysics</i> , 2020, 680, 108241.	3.0	79
12	Dapagliflozin, a sodium-glucose co-transporter 2 inhibitor, slows the progression of renal complications through the suppression of renal inflammation, endoplasmic reticulum stress and apoptosis in prediabetic rats. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 2617-2626.	4.4	76
13	Effects of doxorubicin on the heart: From molecular mechanisms to intervention strategies. <i>European Journal of Pharmacology</i> , 2020, 866, 172818.	3.5	75
14	Effects of doxorubicin-induced cardiotoxicity on cardiac mitochondrial dynamics and mitochondrial function: Insights for future interventions. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 6534-6557.	3.6	73
15	Combined Vildagliptin and Metformin Exert Better Cardioprotection than Monotherapy against Ischemia-Reperfusion Injury in Obese-Insulin Resistant Rats. <i>PLoS ONE</i> , 2014, 9, e102374.	2.5	72
16	Balancing mitochondrial dynamics via increasing mitochondrial fusion attenuates infarct size and left ventricular dysfunction in rats with cardiac ischemia/reperfusion injury. <i>Clinical Science</i> , 2019, 133, 497-513.	4.3	71
17	Chronic treatment with prebiotics, probiotics and synbiotics attenuated cardiac dysfunction by improving cardiac mitochondrial dysfunction in male obese insulin-resistant rats. <i>European Journal of Nutrition</i> , 2018, 57, 2091-2104.	3.9	68
18	Damaging Effects of Bisphenol A on the Kidney and the Protection by Melatonin: Emerging Evidences from In Vivo and In Vitro Studies. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-15.	4.0	66

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19	The possible roles of necroptosis during cerebral ischemia and ischemia / reperfusion injury. Archives of Biochemistry and Biophysics, 2020, 695, 108629.	3.0	63
20	Blockade of mitochondrial calcium uniporter prevents cardiac mitochondrial dysfunction caused by iron overload. Acta Physiologica, 2014, 210, 330-341.	3.8	60
21	Contrast-induced nephropathy and oxidative stress: mechanistic insights for better interventional approaches. Journal of Translational Medicine, 2020, 18, 400.	4.4	56
22	Chronic Testosterone Replacement Exerts Cardioprotection against Cardiac Ischemia-Reperfusion Injury by Attenuating Mitochondrial Dysfunction in Testosterone-Deprived Rats. PLoS ONE, 2015, 10, e0122503.	2.5	55
23	Humanin exerts cardioprotection against cardiac ischemia/reperfusion injury through attenuation of mitochondrial dysfunction. Cardiovascular Therapeutics, 2016, 34, 404-414.	2.5	51
24	The effects of dapagliflozin on hepatic and visceral fat in type 2 diabetes patients with non-alcoholic fatty liver disease. Journal of Gastroenterology and Hepatology (Australia), 2021, 36, 2952-2959.	2.8	47
25	Combined Iron Chelator and Antioxidant Exerted Greater Efficacy on Cardioprotection Than Monotherapy in Iron-Overloaded Rats. PLoS ONE, 2016, 11, e0159414.	2.5	45
26	Fibroblast growth factor 21 (FGF21) therapy attenuates left ventricular dysfunction and metabolic disturbance by improving FGF21 sensitivity, cardiac mitochondrial redox homeostasis and structural changes in pre-diabetic rats. Acta Physiologica, 2016, 217, 287-299.	3.8	45
27	Mitochondrial calcium uniporter blocker prevents cardiac mitochondrial dysfunction induced by iron overload in thalassemic mice. BioMetals, 2012, 25, 1167-1175.	4.1	44
28	Anthocyanin-rich Riceberry bran extract attenuates gentamicin-induced hepatotoxicity by reducing oxidative stress, inflammation and apoptosis in rats. Biomedicine and Pharmacotherapy, 2017, 92, 412-420.	5.6	44
29	The Possible Pathophysiological Outcomes and Mechanisms of Tourniquet-Induced Ischemia-Reperfusion Injury during Total Knee Arthroplasty. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-15.	4.0	44
30	Doxorubicin and its proarrhythmic effects: A comprehensive review of the evidence from experimental and clinical studies. Pharmacological Research, 2020, 151, 104542.	7.1	42
31	Role of p38 inhibition in cardiac ischemia/reperfusion injury. European Journal of Clinical Pharmacology, 2012, 68, 513-524.	1.9	41
32	Protective effects of garlic extract on cardiac function, heart rate variability, and cardiac mitochondria in obese insulin-resistant rats. European Journal of Nutrition, 2014, 53, 919-928.	3.9	41
33	Potential Roles of Humanin on Apoptosis in the Heart. Cardiovascular Therapeutics, 2016, 34, 107-114.	2.5	41
34	Cardiomyopathy Associated with Iron Overload: How Does Iron Enter Myocytes and What are the Implications for Pharmacological Therapy?. Hemoglobin, 2015, 39, 9-17.	0.8	40
35	Inhibition of p38 MAPK activation protects cardiac mitochondria from ischemia/reperfusion injury. Pharmaceutical Biology, 2015, 53, 1831-1841.	2.9	40
36	PCSK9 inhibitor improves cardiac function and reduces infarct size in rats with ischaemia/reperfusion injury: Benefits beyond lipid-lowering effects. Journal of Cellular and Molecular Medicine, 2019, 23, 7310-7319.	3.6	40

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37	Diacerein alleviates kidney injury through attenuating inflammation and oxidative stress in obese insulin-resistant rats. <i>Free Radical Biology and Medicine</i> , 2018, 115, 146-155.	2.9	39
38	Dual T-type and L-type calcium channel blocker exerts beneficial effects in attenuating cardiovascular dysfunction in iron-overloaded thalassaemic mice. <i>Experimental Physiology</i> , 2016, 101, 521-539.	2.0	38
39	Necrostatin-1 Mitigates Cognitive Dysfunction in Prediabetic Rats With No Alteration in Insulin Sensitivity. <i>Diabetes</i> , 2020, 69, 1411-1423.	0.6	37
40	Activation of Sirtuin 3 and Maintenance of Mitochondrial Integrity by N-Acetylcysteine Protects Against Bisphenol A-Induced Kidney and Liver Toxicity in Rats. <i>International Journal of Molecular Sciences</i> , 2019, 20, 267.	4.1	36
41	Current and future treatment strategies for iron overload cardiomyopathy. <i>European Journal of Pharmacology</i> , 2015, 765, 86-93.	3.5	35
42	The role of central venous oxygen saturation, blood lactate, and central venous-to-arterial carbon dioxide partial pressure difference as a goal and prognosis of sepsis treatment. <i>Journal of Critical Care</i> , 2016, 36, 223-229.	2.2	34
43	High-dose Humanin analogue applied during ischemia exerts cardioprotection against ischemia/reperfusion injury by reducing mitochondrial dysfunction. <i>Cardiovascular Therapeutics</i> , 2017, 35, e12289.	2.5	34
44	Î-Cryptoxanthin exerts greater cardioprotective effects on cardiac ischemia-reperfusion injury than astaxanthin by attenuating mitochondrial dysfunction in mice. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1601077.	3.3	33
45	The role of RIPK3-regulated cell death pathways and necroptosis in the pathogenesis of cardiac ischaemia-reperfusion injury. <i>Acta Physiologica</i> , 2021, 231, e13541.	3.8	33
46	Roles of Testosterone Replacement in Cardiac Ischemia-Reperfusion Injury. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2016, 21, 27-43.	2.0	32
47	The potential role of dexmedetomidine on neuroprotection and its possible mechanisms: Evidence from in vitro and in vivo studies. <i>European Journal of Neuroscience</i> , 2021, 54, 7006-7047.	2.6	32
48	Mitochondrial dynamic modulation exerts cardiometabolic protection in obese insulin-resistant rats. <i>Clinical Science</i> , 2019, 133, 2431-2447.	4.3	32
49	Dipeptidyl peptidase-4 inhibitor improves cardiac function by attenuating adverse cardiac remodelling in rats with chronic myocardial infarction. <i>Experimental Physiology</i> , 2015, 100, 667-679.	2.0	31
50	Effects of iron overload, an iron chelator and a T-Type calcium channel blocker on cardiac mitochondrial biogenesis and mitochondrial dynamics in thalassaemic mice. <i>European Journal of Pharmacology</i> , 2017, 799, 118-127.	3.5	31
51	The Alterations in Mitochondrial Dynamics Following Cerebral Ischemia/Reperfusion Injury. <i>Antioxidants</i> , 2021, 10, 1384.	5.1	31
52	Cell death inhibitors protect against brain damage caused by cardiac ischemia/reperfusion injury. <i>Cell Death Discovery</i> , 2021, 7, 312.	4.7	31
53	Obese-insulin resistance accelerates and aggravates cardiometabolic disorders and cardiac mitochondrial dysfunction in estrogen-deprived female rats. <i>Age</i> , 2015, 37, 28.	3.0	29
54	A combination of an iron chelator with an antioxidant exerts greater efficacy on cardioprotection than monotherapy in iron-overload thalassaemic mice. <i>Free Radical Research</i> , 2018, 52, 70-79.	3.3	27

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55	Aging induced by D-galactose aggravates cardiac dysfunction via exacerbating mitochondrial dysfunction in obese insulin-resistant rats. <i>GeroScience</i> , 2020, 42, 233-249.	4.6	27
56	Gut Microbiota Profiles of Treated Metabolic Syndrome Patients and their Relationship with Metabolic Health. <i>Scientific Reports</i> , 2020, 10, 10085.	3.3	27
57	Cognitive impairment in myocardial infarction and heart failure. <i>Acta Physiologica</i> , 2021, 232, e13642.	3.8	27
58	Effects of Metformin on Hepatic Steatosis in Adults with Nonalcoholic Fatty Liver Disease and Diabetes: Insights from the Cellular to Patient Levels. <i>Gut and Liver</i> , 2021, 15, 827-840.	2.9	27
59	Acetylcholinesterase inhibitor ameliorates doxorubicin-induced cardiotoxicity through reducing RIP1-mediated necroptosis. <i>Pharmacological Research</i> , 2021, 173, 105882.	7.1	27
60	Necroptosis in renal ischemia/reperfusion injury: A major mode of cell death?. <i>Archives of Biochemistry and Biophysics</i> , 2020, 689, 108433.	3.0	26
61	Effect of rosiglitazone on cardiac electrophysiology, infarct size and mitochondrial function in ischaemia and reperfusion of swine and rat heart. <i>Experimental Physiology</i> , 2011, 96, 778-789.	2.0	25
62	Roles of melatonin and its receptors in cardiac ischemiaâ€“reperfusion injury. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 4125-4149.	5.4	25
63	The effects of acetylcholinesterase inhibitors on the heart in acute myocardial infarction and heart failure: From cells to patient reports. <i>Acta Physiologica</i> , 2020, 228, e13396.	3.8	25
64	Mechanisms and potential interventions associated with the cardiotoxicity of ErbB2-targeted drugs: Insights from in vitro, in vivo, and clinical studies in breast cancer patients. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 1571-1589.	5.4	25
65	Testosterone deprivation accelerates cardiac dysfunction in obese male rats. <i>Journal of Endocrinology</i> , 2016, 229, 209-220.	2.6	24
66	Fetal hemoglobin Bartâ€™s hydrops fetalis: pathophysiology, prenatal diagnosis and possibility of intrauterine treatment. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018, 31, 946-957.	1.5	23
67	Effects of dapagliflozin vs vildagliptin on cardiometabolic parameters in diabetic patients with coronary artery disease: a randomised study. <i>British Journal of Clinical Pharmacology</i> , 2019, 85, 1337-1347.	2.4	23
68	Effects of dipeptidyl peptidase-4 inhibitor in insulin-resistant rats with myocardial infarction. <i>Journal of Endocrinology</i> , 2016, 229, 245-258.	2.6	22
69	Testosterone deprivation intensifies cognitive decline in obese male rats via glial hyperactivity, increased oxidative stress, and apoptosis in both hippocampus and cortex. <i>Acta Physiologica</i> , 2019, 226, e13229.	3.8	22
70	Targeting necroptosis as therapeutic potential in chronic myocardial infarction. <i>Journal of Biomedical Science</i> , 2021, 28, 25.	7.0	22
71	Effects of Tai Chi exercise on heart rate variability. <i>Complementary Therapies in Clinical Practice</i> , 2016, 23, 59-63.	1.7	21
72	The roles of sodium-glucose cotransporter 2 inhibitors in preventing kidney injury in diabetes. <i>Biomedicine and Pharmacotherapy</i> , 2017, 94, 176-187.	5.6	21

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73	Ferric iron uptake into cardiomyocytes of β^2 -thalassemic mice is not through calcium channels. <i>Drug and Chemical Toxicology</i> , 2013, 36, 329-334.	2.3	20
74	Vildagliptin reduces cardiac ischemic-reperfusion injury in obese orchietomized rats. <i>Journal of Endocrinology</i> , 2016, 231, 81-95.	2.6	20
75	Aging, obese-insulin resistance, and bone remodeling. <i>Mechanisms of Ageing and Development</i> , 2020, 191, 111335.	4.6	20
76	The role of trimethylamineâ€œOxide in the development of Alzheimer's disease. <i>Journal of Cellular Physiology</i> , 2022, 237, 1661-1685.	4.1	20
77	Heart Rate Variability as an Alternative Indicator for Identifying Cardiac Iron Status in Non-Transfusion Dependent Thalassemia Patients. <i>PLoS ONE</i> , 2015, 10, e0130837.	2.5	19
78	Increased plasma FGF21 level as an early biomarker for insulin resistance and metabolic disturbance in obese insulin-resistant rats. <i>Diabetes and Vascular Disease Research</i> , 2018, 15, 263-269.	2.0	19
79	Effects of metformin on the heart with ischaemia-reperfusion injury: Evidence of its benefits from in vitro, in vivo and clinical reports. <i>European Journal of Pharmacology</i> , 2019, 858, 172489.	3.5	19
80	Molecular signaling mechanisms of renal gluconeogenesis in nondiabetic and diabetic conditions. <i>Journal of Cellular Physiology</i> , 2019, 234, 8134-8151.	4.1	19
81	Hyperbaric oxygen therapy restores cognitive function and hippocampal pathologies in both aging and aging-obese rats. <i>Mechanisms of Ageing and Development</i> , 2021, 195, 111465.	4.6	18
82	The effects of doxorubicin on cardiac calcium homeostasis and contractile function. <i>Journal of Cardiology</i> , 2022, 80, 125-132.	1.9	18
83	Combination of exercise and calorie restriction exerts greater efficacy on cardioprotection than monotherapy in obese-insulin resistant rats through the improvement of cardiac calcium regulation. <i>Metabolism: Clinical and Experimental</i> , 2019, 94, 77-87.	3.4	17
84	Effects of metformin on atrial and ventricular arrhythmias: evidence from cell to patient. <i>Cardiovascular Diabetology</i> , 2020, 19, 198.	6.8	17
85	The effect of exercise on skeletal muscle fibre type distribution in obesity: From cellular levels to clinical application. <i>Obesity Research and Clinical Practice</i> , 2017, 11, 112-132.	1.8	16
86	Acute metformin treatment provides cardioprotection via improved mitochondrial function in cardiac ischemia / reperfusion injury. <i>Biomedicine and Pharmacotherapy</i> , 2020, 130, 110604.	5.6	16
87	High central venous oxygen saturation is associated with mitochondrial dysfunction in septic shock: A prospective observational study. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 6485-6494.	3.6	16
88	Melatonin as a therapy in cardiac ischemia-reperfusion injury: Potential mechanisms by which MT2 activation mediates cardioprotection. <i>Journal of Advanced Research</i> , 2021, 29, 33-44.	9.5	16
89	The roles of resveratrol on cardiac mitochondrial function in cardiac diseases. <i>European Journal of Nutrition</i> , 2021, 60, 29-44.	3.9	15
90	The effects of hyperbaric oxygen therapy on the brain with middle cerebral artery occlusion. <i>Journal of Cellular Physiology</i> , 2021, 236, 1677-1694.	4.1	15

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91	The alterations of microbiota and pathological conditions in the gut of patients with colorectal cancer undergoing chemotherapy. <i>Anaerobe</i> , 2021, 68, 102361.	2.1	15
92	Therapeutic potentials of cell death inhibitors in rats with cardiac ischaemia/reperfusion injury. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 2462-2476.	3.6	15
93	Effects of Iron Overload on Cardiac Calcium Regulation: Translational Insights Into Mechanisms and Management of a Global Epidemic. <i>Canadian Journal of Cardiology</i> , 2016, 32, 1009-1016.	1.7	14
94	Estrogenic Impact on Cardiac Ischemic/Reperfusion Injury. <i>Journal of Cardiovascular Translational Research</i> , 2016, 9, 23-39.	2.4	14
95	Effects of iron overload condition on liver toxicity and hepcidin/ferroportin expression in thalassemic mice. <i>Life Sciences</i> , 2016, 150, 15-23.	4.3	14
96	Estrogen deprivation aggravates cardiac hypertrophy in nonobese Type 2 diabetic Goto-Kakizaki (GK) rats. <i>Bioscience Reports</i> , 2017, 37, .	2.4	14
97	Silencing of lipocalin-2 improves cardiomyocyte viability under iron overload conditions via decreasing mitochondrial dysfunction and apoptosis. <i>Journal of Cellular Physiology</i> , 2021, 236, 5108-5120.	4.1	14
98	Vildagliptin and caloric restriction for cardioprotection in pre-diabetic rats. <i>Journal of Endocrinology</i> , 2017, 232, 189-204.	2.6	13
99	Estrogen deprivation aggravates cardiometabolic dysfunction in obese-insulin resistant rats through the impairment of cardiac mitochondrial dynamics. <i>Experimental Gerontology</i> , 2018, 103, 107-114.	2.8	13
100	High-Saturated Fat High-Sugar Diet Accelerates Left Ventricular Dysfunction Faster than High-Saturated Fat Diet Alone via Increasing Oxidative Stress and Apoptosis in Obese-Insulin Resistant Rats. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1800729.	3.3	13
101	d-allulose provides cardioprotective effect by attenuating cardiac mitochondrial dysfunction in obesity-induced insulin-resistant rats. <i>European Journal of Nutrition</i> , 2021, 60, 2047-2061.	3.9	12
102	Alterations of Gut Bacteria in Hirschsprung Disease and Hirschsprung-Associated Enterocolitis. <i>Microorganisms</i> , 2021, 9, 2241.	3.6	12
103	Combined iron chelator and T-type calcium channel blocker exerts greater efficacy on cardioprotection than monotherapy in iron-overload thalassemic mice. <i>European Journal of Pharmacology</i> , 2018, 822, 43-50.	3.5	11
104	Activation of TRPC (Transient Receptor Potential Canonical) Channel Currents in Iron Overloaded Cardiac Myocytes. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e009291.	4.8	11
105	Mechanisms and Interventions on Acute Lower Limb Ischemia/Reperfusion Injury: A Review and Insights from Cell to Clinical Investigations. <i>Annals of Vascular Surgery</i> , 2022, 86, 452-481.	0.9	11
106	Roles of Obese-Insulin Resistance and Anti-Diabetic Drugs on the Heart with Ischemia-Reperfusion Injury. <i>Cardiovascular Drugs and Therapy</i> , 2014, 28, 549-562.	2.6	10
107	Post-Ischemic Treatment of Recombinant Human Secretory Leukocyte Protease Inhibitor (rhSLPI) Reduced Myocardial Ischemia/Reperfusion Injury. <i>Biomedicines</i> , 2021, 9, 422.	3.2	10
108	The metabolic role of spermidine in obesity: Evidence from cells to community. <i>Obesity Research and Clinical Practice</i> , 2021, 15, 315-326.	1.8	10

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109	Perilla Seed Oil Alleviates Gut Dysbiosis, Intestinal Inflammation and Metabolic Disturbance in Obese-Insulin-Resistant Rats. <i>Nutrients</i> , 2021, 13, 3141.	4.1	10
110	The regulatory effects of PTPN6 on inflammatory process: Reports from mice to men. <i>Archives of Biochemistry and Biophysics</i> , 2022, 721, 109189.	3.0	10
111	Early testosterone replacement attenuates intracellular calcium dyshomeostasis in the heart of testosterone-deprived male rats. <i>Cell Calcium</i> , 2017, 67, 22-30.	2.4	9
112	Combined iron chelator with N-acetylcysteine exerts the greatest effect on improving cardiac calcium homeostasis in iron-overloaded thalassemic mice. <i>Toxicology</i> , 2019, 427, 152289.	4.2	9
113	Proprotein convertase subtilisin/kexin type 9 (PCSK9) inhibitor exerts greater efficacy than atorvastatin on improvement of brain function and cognition in obese rats. <i>Archives of Biochemistry and Biophysics</i> , 2020, 689, 108470.	3.0	9
114	PCSK9 inhibitor and atorvastatin reduce cardiac impairment in ovariectomized prediabetic rats via improved mitochondrial function and Ca ²⁺ regulation. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 9189-9203.	3.6	9
115	Extracellular vesicles as a new hope for diagnosis and therapeutic intervention for hepatocellular carcinoma. <i>Cancer Medicine</i> , 2021, 10, 8253-8271.	2.8	9
116	Mitochondrial dynamics and diabetic kidney disease: Missing pieces for the puzzle of therapeutic approaches. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 249-273.	3.6	9
117	Tabersonine attenuates Angiotensin II-induced cardiac remodeling and dysfunction through targeting TAK1 and inhibiting TAK1-mediated cardiac inflammation. <i>Phytomedicine</i> , 2022, 103, 154238.	5.3	9
118	Heart Rate Variability for Early Detection of Iron Overload Cardiomyopathy in β -Thalassemia Patients. <i>Hemoglobin</i> , 2015, 39, 281-286.	0.8	8
119	The effects of proprotein convertase subtilisin/kexin type 9 inhibitors on lipid metabolism and cardiovascular function. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 1171-1180.	5.6	8
120	Iron overload cardiomyopathy: Using the latest evidence to inform future applications. <i>Experimental Biology and Medicine</i> , 2022, 247, 574-583.	2.4	8
121	Potential roles of sodium-glucose co-transporter 2 inhibitors in attenuating cardiac arrhythmias in diabetes and heart failure. <i>Journal of Cellular Physiology</i> , 2022, 237, 2404-2419.	4.1	8
122	Acetylcholine receptor agonists provide cardioprotection in doxorubicin-induced cardiotoxicity via modulating muscarinic M2 and $\alpha 7$ nicotinic receptor expression. <i>Translational Research</i> , 2022, 243, 33-51.	5.0	8
123	Modulation of mitochondrial dynamics rescues cognitive function in rats with α -doxorubicin-induced chemobrain™ via mitigation of mitochondrial dysfunction and neuroinflammation. <i>FEBS Journal</i> , 2022, 289, 6435-6455.	4.7	8
124	Application of vagus nerve stimulation from the onset of ventricular fibrillation to post-shock period improves defibrillation efficacy. <i>International Journal of Cardiology</i> , 2014, 176, 1030-1032.	1.7	7
125	Comparisons of cardioprotective efficacy between fibroblast growth factor 21 and dipeptidyl peptidase-4 inhibitor in prediabetic rats. <i>Cardiovascular Therapeutics</i> , 2017, 35, e12263.	2.5	7
126	Roles of lipocalin 2 and adiponectin in iron overload cardiomyopathy. <i>Journal of Cellular Physiology</i> , 2018, 233, 5104-5111.	4.1	7

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127	Effects of biphasic and monophasic electrical stimulation on mitochondrial dynamics, cell apoptosis, and cell proliferation. <i>Journal of Cellular Physiology</i> , 2019, 234, 816-824.	4.1	7
128	Potential Roles of Myeloid Differentiation Factor 2 on Neuroinflammation and Its Possible Interventions. <i>Molecular Neurobiology</i> , 2020, 57, 4825-4844.	4.0	7
129	Therapeutic potential of a single-dose melatonin in the attenuation of cardiac ischemia/reperfusion injury in prediabetic obese rats. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 300.	5.4	7
130	L6H21 protects against cognitive impairment and brain pathologies via toll-like receptor 4 myeloid differentiation factor 2 signalling in prediabetic rats. <i>British Journal of Pharmacology</i> , 2022, 179, 1220-1236.	5.4	6
131	Effectiveness of high cardiorespiratory fitness in cardiometabolic protection in prediabetic rats. <i>Molecular Medicine</i> , 2022, 28, 31.	4.4	6
132	Sexual dimorphism in cardiometabolic and cardiac mitochondrial function in obese rats following sex hormone deprivation. <i>Nutrition and Diabetes</i> , 2022, 12, 11.	3.2	6
133	Dipeptidyl peptidase-4 inhibitors and the ischemic heart: Additional benefits beyond glycemic control. <i>International Journal of Cardiology</i> , 2016, 202, 415-416.	1.7	5
134	Dipeptidyl peptidase-4 inhibitor enhances restoration of salivary glands impaired by obese-insulin resistance. <i>Archives of Oral Biology</i> , 2018, 85, 148-153.	1.8	5
135	PCSK9 inhibitor effectively attenuates cardiometabolic impairment in obese-insulin resistant rats. <i>European Journal of Pharmacology</i> , 2020, 883, 173347.	3.5	5
136	Mitochondrial dysfunction in fatal ventricular arrhythmias. <i>Acta Physiologica</i> , 2021, 231, e13624.	3.8	5
137	Increased sympathovagal imbalance evaluated by heart rate variability is associated with decreased T2* MRI and left ventricular function in transfusion-dependent thalassemia patients. <i>Bioscience Reports</i> , 2018, 38, .	2.4	4
138	Exercise with calorie restriction improves cardiac function via attenuating mitochondrial dysfunction in ovariectomized prediabetic rats. <i>Experimental Gerontology</i> , 2020, 135, 110940.	2.8	4
139	Effects of PPAR γ agonist on heart rate variability and cardiac mitochondrial function in obese-insulin resistant rats. <i>International Journal of Cardiology</i> , 2015, 201, 121-122.	1.7	3
140	Estrogen deprivation aggravates intracellular calcium dyshomeostasis in the heart of obese-insulin resistant rats. <i>Journal of Cellular Physiology</i> , 2019, 234, 6983-6991.	4.1	3
141	Angiotensin converting enzyme 2 at the interface between renin-angiotensin system inhibition and coronavirus disease 2019. <i>Journal of Physiology</i> , 2020, 598, 4181-4195.	2.9	3
142	Identification of Circulating Endocan-1 and Ether Phospholipids as Biomarkers for Complications in Thalassemia Patients. <i>Metabolites</i> , 2021, 11, 70.	2.9	3
143	Platinum-based chemotherapy and bevacizumab instigate the destruction of human ovarian cancers via different signaling pathways. <i>Biochemical Pharmacology</i> , 2021, 188, 114587.	4.4	3
144	Chronic Pharmacological Modulation of Mitochondrial Dynamics Alleviates Prediabetes-Induced Myocardial Ischemia-Reperfusion Injury by Preventing Mitochondrial Dysfunction and Programmed Apoptosis. <i>Cardiovascular Drugs and Therapy</i> , 2023, 37, 89-105.	2.6	3

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145	Cytokine and Chemokine Responses in Invasive Aspergillosis Following Hematopoietic Stem Cell Transplantation: Past Evidence for Future Therapy of Aspergillosis. Journal of Fungi (Basel, Switzerland), 2021, 7, 1078-1091. doi:10.3390/jof7101078	0.784314	10
146	Cardiac ferroptosis: new jigsaw in SCD puzzles. Blood, 2022, 139, 811-812.	1.4	3
147	Subthreshold vagal nerve stimulation and the controversial findings regarding the anti-infarct effect against myocardial ischaemia-reperfusion injury. Experimental Physiology, 2017, 102, 385-385.	2.0	1
148	Finding serendipity. Experimental Physiology, 2017, 102, 1044-1045.	2.0	0