

Nipon Chattipakorn

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.

139
papers

2,527
citations

29
h-index

42
g-index

148
ext. papers

3,456
ext. citations

5.2
avg, IF

5.83
L-index

#	Paper	IF	Citations
139	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	10.1	117
138	Pharmacological properties of protocatechuic Acid and its potential roles as complementary medicine. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 593902	2.3	114
137	Roles of mitochondrial dynamics modulators in cardiac ischaemia/reperfusion injury. <i>Journal of Cellular and Molecular Medicine</i> , 2017 , 21, 2643-2653	5.6	85
136	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, 1048-57	8.6	82
135	Potential mechanisms responsible for cardioprotective effects of sodium-glucose co-transporter 2 inhibitors. <i>Cardiovascular Diabetology</i> , 2018 , 17, 101	8.7	77
134	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	4.7	66
133	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	3.7	65
132	Effects of electrical stimulation on cell proliferation and apoptosis. <i>Journal of Cellular Physiology</i> , 2018 , 233, 1860-1876	7	54
131	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	5.2	54
130	Effects of d-galactose-induced ageing on the heart and its potential interventions. <i>Journal of Cellular and Molecular Medicine</i> , 2018 , 22, 1392-1410	5.6	51
129	Cardioprotection of dapagliflozin and vildagliptin in rats with cardiac ischemia-reperfusion injury. <i>Journal of Endocrinology</i> , 2018 , 236, 69-84	4.7	50
128	Chronic testosterone replacement exerts cardioprotection against cardiac ischemia-reperfusion injury by attenuating mitochondrial dysfunction in testosterone-deprived rats. <i>PLoS ONE</i> , 2015 , 10, e0122503	3.7	49
127	Humanin exerts cardioprotection against cardiac ischemia/reperfusion injury through attenuation of mitochondrial dysfunction. <i>Cardiovascular Therapeutics</i> , 2016 , 34, 404-414	3.3	43
126	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	6.7	43
125	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	6.5	42
124	Blockade of mitochondrial calcium uniporter prevents cardiac mitochondrial dysfunction caused by iron overload. <i>Acta Physiologica</i> , 2014 , 210, 330-41	5.6	39
123	Effects of doxorubicin on the heart: From molecular mechanisms to intervention strategies. <i>European Journal of Pharmacology</i> , 2020 , 866, 172818	5.3	38

122	Role of p38 inhibition in cardiac ischemia/reperfusion injury. <i>European Journal of Clinical Pharmacology</i> , 2012 , 68, 513-24	2.8	35
121	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. <i>Acta Physiologica</i> , 2016 , 217, 287-99	5.6	34
120	Cardiomyopathy associated with iron overload: how does iron enter myocytes and what are the implications for pharmacological therapy?. <i>Hemoglobin</i> , 2015 , 39, 9-17	0.6	34
119	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 ^{5,6}	5.6	33
118	The effects of iron overload on mitochondrial function, mitochondrial dynamics, and ferroptosis in cardiomyocytes. <i>Archives of Biochemistry and Biophysics</i> , 2020 , 680, 108241	4.1	33
117	Combined Iron Chelator and Antioxidant Exerted Greater Efficacy on Cardioprotection Than Monotherapy in Iron-Overloaded Rats. <i>PLoS ONE</i> , 2016 , 11, e0159414	3.7	33
116	Inhibition of p38 MAPK activation protects cardiac mitochondria from ischemia/reperfusion injury. <i>Pharmaceutical Biology</i> , 2015 , 53, 1831-41	3.8	32
115	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, 3082438 ^{6,7}	6.7	32
114	Protective effects of garlic extract on cardiac function, heart rate variability, and cardiac mitochondria in obese insulin-resistant rats. <i>European Journal of Nutrition</i> , 2014 , 53, 919-28	5.2	31
113	Acute dapagliflozin administration exerts cardioprotective effects in rats with cardiac ischemia/reperfusion injury. <i>Cardiovascular Diabetology</i> , 2020 , 19, 91	8.7	30
112	Current and future treatment strategies for iron overload cardiomyopathy. <i>European Journal of Pharmacology</i> , 2015 , 765, 86-93	5.3	29
111	Potential Roles of Humanin on Apoptosis in the Heart. <i>Cardiovascular Therapeutics</i> , 2016 , 34, 107-14	3.3	29
110	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, 521-39	2.4	29
109	Anthocyanin-rich Riceberry bran extract attenuates gentamicin-induced hepatotoxicity by reducing oxidative stress, inflammation and apoptosis in rats. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 92, 412-420 ^{7,5}	7.5	28
108	Dipeptidyl peptidase-4 inhibitor improves cardiac function by attenuating adverse cardiac remodelling in rats with chronic myocardial infarction. <i>Experimental Physiology</i> , 2015 , 100, 667-79	2.4	28
107	High-dose Humanin analogue applied during ischemia exerts cardioprotection against ischemia/reperfusion injury by reducing mitochondrial dysfunction. <i>Cardiovascular Therapeutics</i> , 2017 , 35, e12289	3.3	28
106	Obese-insulin resistance accelerates and aggravates cardiometabolic disorders and cardiac mitochondrial dysfunction in estrogen-deprived female rats. <i>Age</i> , 2015 , 37, 28		27
105	Mitochondrial calcium uniporter blocker prevents cardiac mitochondrial dysfunction induced by iron overload in thalassaemic mice. <i>BioMetals</i> , 2012 , 25, 1167-75	3.4	27

104	Activation of Sirtuin 3 and Maintenance of Mitochondrial Integrity by -Acetylcysteine Protects Against Bisphenol A-Induced Kidney and Liver Toxicity in Rats. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	27
103	ECryptoxanthin 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	5.9	26
102	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	7.8	25
101	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	4	24
100	The possible roles of necroptosis during cerebral ischemia and ischemia / reperfusion injury. <i>Archives of Biochemistry and Biophysics</i> , 2020 , 695, 108629	4.1	24
99	Contrast-induced nephropathy and oxidative stress: mechanistic insights for better interventional approaches. <i>Journal of Translational Medicine</i> , 2020 , 18, 400	8.5	24
98	The Possible Pathophysiological Outcomes and Mechanisms of Tourniquet-Induced Ischemia-Reperfusion Injury during Total Knee Arthroplasty. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 8087598	6.7	23
97	Testosterone deprivation accelerates cardiac dysfunction in obese male rats. <i>Journal of Endocrinology</i> , 2016 , 229, 209-20	4.7	21
96	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, 778-89	2.4	20
95	Effects of dipeptidyl peptidase-4 inhibitor in insulin-resistant rats with myocardial infarction. <i>Journal of Endocrinology</i> , 2016 , 229, 245-58	4.7	20
94	Effects of iron overload, an iron chelator and a T-Type calcium channel blocker on cardiac mitochondrial biogenesis and mitochondrial dynamics in thalassemic mice. <i>European Journal of Pharmacology</i> , 2017 , 799, 118-127	5.3	19
93	Roles of melatonin and its receptors in cardiac ischemia-reperfusion injury. <i>Cellular and Molecular Life Sciences</i> , 2018 , 75, 4125-4149	10.3	19
92	PCSK9 inhibitor improves cardiac function and reduces infarct size in rats with ischaemia/reperfusion injury: Benefits beyond lipid-lowering effects. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 7310-7319	5.6	19
91	Roles of Testosterone Replacement in Cardiac Ischemia-Reperfusion Injury. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2016 , 21, 27-43	2.6	18
90	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	3.7	18
89	Vildagliptin reduces cardiac ischemic-reperfusion injury in obese orchietomized rats. <i>Journal of Endocrinology</i> , 2016 , 231, 81-95	4.7	18
88	Ferric iron uptake into cardiomyocytes of thalassemic mice is not through calcium channels. <i>Drug and Chemical Toxicology</i> , 2013 , 36, 329-34	2.3	17
87	A combination of an iron chelator with an antioxidant exerts greater efficacy on cardioprotection than monotherapy in iron-overload thalassemic mice. <i>Free Radical Research</i> , 2018 , 52, 70-79	4	17

86	Fetal hemoglobin Bart δ hydrops fetalis: pathophysiology, prenatal diagnosis and possibility of intrauterine treatment. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018 , 31, 946-957	2	16
85	The roles of sodium-glucose cotransporter 2 inhibitors in preventing kidney injury in diabetes. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 94, 176-187	7.5	16
84	Mitochondrial dynamic modulation exerts cardiometabolic protection in obese insulin-resistant rats. <i>Clinical Science</i> , 2019 , 133, 2431-2447	6.5	16
83	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	5.3	15
82	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	3.8	15
81	Necrostatin-1 Mitigates Cognitive Dysfunction in Prediabetic Rats With No Alteration in Insulin Sensitivity. <i>Diabetes</i> , 2020 , 69, 1411-1423	0.9	15
80	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	3.3	15
79	Aging induced by D-galactose aggravates cardiac dysfunction via exacerbating mitochondrial dysfunction in obese insulin-resistant rats. <i>GeroScience</i> , 2020 , 42, 233-249	8.9	14
78	Gut Microbiota Profiles of Treated Metabolic Syndrome Patients and their Relationship with Metabolic Health. <i>Scientific Reports</i> , 2020 , 10, 10085	4.9	13
77	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	5.4	13
76	Effects of Tai Chi exercise on heart rate variability. <i>Complementary Therapies in Clinical Practice</i> , 2016 , 23, 59-63	3.5	13
75	Doxorubicin and its proarrhythmic effects: A comprehensive review of the evidence from experimental and clinical studies. <i>Pharmacological Research</i> , 2020 , 151, 104542	10.2	12
74	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	5.6	12
73	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	5.6	12
72	Estrogenic Impact on Cardiac Ischemic/Reperfusion Injury. <i>Journal of Cardiovascular Translational Research</i> , 2016 , 9, 23-39	3.3	11
71	Vildagliptin and caloric restriction for cardioprotection in pre-diabetic rats. <i>Journal of Endocrinology</i> , 2017 , 232, 189-204	4.7	11
70	Molecular signaling mechanisms of renal gluconeogenesis in nondiabetic and diabetic conditions. <i>Journal of Cellular Physiology</i> , 2019 , 234, 8134-8151	7	11
69	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	10.3	10

68	Aging, obese-insulin resistance, and bone remodeling. <i>Mechanisms of Ageing and Development</i> , 2020 , 191, 111335	5.6	10
67	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	5.6	10
66	Necroptosis in renal ischemia/reperfusion injury: A major mode of cell death?. <i>Archives of Biochemistry and Biophysics</i> , 2020 , 689, 108433	4.1	9
65	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 ⁵	4.5	9
64	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, 1009-16	3.8	9
63	Effects of iron overload condition on liver toxicity and hepcidin/ferroportin expression in thalassemic mice. <i>Life Sciences</i> , 2016 , 150, 15-23	6.8	9
62	Roles of obese-insulin resistance and anti-diabetic drugs on the heart with ischemia-reperfusion injury. <i>Cardiovascular Drugs and Therapy</i> , 2014 , 28, 549-62	3.9	9
61	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	12.7	8
60	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	5.3	8
59	Estrogen deprivation aggravates cardiac hypertrophy in nonobese Type 2 diabetic Goto-Kakizaki (GK) rats. <i>Bioscience Reports</i> , 2017 , 37,	4.1	8
58	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	5.9	8
57	The roles of resveratrol on cardiac mitochondrial function in cardiac diseases. <i>European Journal of Nutrition</i> , 2021 , 60, 29-44	5.2	8
56	The Alterations in Mitochondrial Dynamics Following Cerebral Ischemia/Reperfusion Injury. <i>Antioxidants</i> , 2021 , 10,	7.1	8
55	Heart Rate Variability for Early Detection of Iron Overload Cardiomyopathy in Thalassemia Patients. <i>Hemoglobin</i> , 2015 , 39, 281-6	0.6	7
54	Acute metformin treatment provides cardioprotection via improved mitochondrial function in cardiac ischemia / reperfusion injury. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 130, 110604	7.5	7
53	The effects of dapagliflozin on hepatic and visceral fat in type 2 diabetes patients with non-alcoholic fatty liver disease. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2021 , 36, 2952-2959	4.1	7
52	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, 1030-2	3.2	6
51	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	5.6	6

50	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	4.4	5
49	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	5.6	5
48	Early testosterone replacement attenuates intracellular calcium dyshomeostasis in the heart of testosterone-deprived male rats. <i>Cell Calcium</i> , 2017 , 67, 22-30	4	5
47	Effects of metformin on atrial and ventricular arrhythmias: evidence from cell to patient. <i>Cardiovascular Diabetology</i> , 2020 , 19, 198	8.7	5
46	Cognitive impairment in myocardial infarction and heart failure. <i>Acta Physiologica</i> , 2021 , 232, e13642	5.6	5
45	The effects of hyperbaric oxygen therapy on the brain with middle cerebral artery occlusion. <i>Journal of Cellular Physiology</i> , 2021 , 236, 1677-1694	7	5
44	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	5.2	5
43	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	13	5
42	Activation of TRPC (Transient Receptor Potential Canonical) Channel Currents in Iron Overloaded Cardiac Myocytes. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021 , 14, e009291	6.4	5
41	Acetylcholinesterase inhibitor ameliorates doxorubicin-induced cardiotoxicity through reducing RIP1-mediated necroptosis. <i>Pharmacological Research</i> , 2021 , 173, 105882	10.2	5
40	Dipeptidyl peptidase-4 inhibitor enhances restoration of salivary glands impaired by obese-insulin resistance. <i>Archives of Oral Biology</i> , 2018 , 85, 148-153	2.8	4
39	Effects of biphasic and monophasic electrical stimulation on mitochondrial dynamics, cell apoptosis, and cell proliferation. <i>Journal of Cellular Physiology</i> , 2018 , 234, 816-824	7	4
38	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	4.8	4
37	Targeting necroptosis as therapeutic potential in chronic myocardial infarction. <i>Journal of Biomedical Science</i> , 2021 , 28, 25	13.3	4
36	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	7.5	4
35	Roles of lipocalin 2 and adiponectin in iron overload cardiomyopathy. <i>Journal of Cellular Physiology</i> , 2018 , 233, 5104-5111	7	4
34	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	3.5	4
33	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	7	4

32	Comparisons of cardioprotective efficacy between fibroblast growth factor 21 and dipeptidyl peptidase-4 inhibitor in prediabetic rats. <i>Cardiovascular Therapeutics</i> , 2017 , 35, e12263	3.3	3
31	PCSK9 inhibitor and atorvastatin reduce cardiac impairment in ovariectomized prediabetic rats via improved mitochondrial function and Ca regulation. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 9189-9203	5.6	3
30	Exercise with calorie restriction improves cardiac function via attenuating mitochondrial dysfunction in ovariectomized prediabetic rats. <i>Experimental Gerontology</i> , 2020 , 135, 110940	4.5	3
29	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,	4.1	3
28	Dipeptidyl peptidase-4 inhibitors and the ischemic heart: Additional benefits beyond glycemic control. <i>International Journal of Cardiology</i> , 2016 , 202, 415-6	3.2	3
27	Effects of PPAR α agonist on heart rate variability and cardiac mitochondrial function in obese-insulin resistant rats. <i>International Journal of Cardiology</i> , 2015 , 201, 121-2	3.2	3
26	PCSK9 inhibitor effectively attenuates cardiometabolic impairment in obese-insulin resistant rats. <i>European Journal of Pharmacology</i> , 2020 , 883, 173347	5.3	3
25	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	3.9	3
24	The alterations of microbiota and pathological conditions in the gut of patients with colorectal cancer undergoing chemotherapy. <i>Anaerobe</i> , 2021 , 68, 102361	2.8	3
23	Estrogen deprivation aggravates intracellular calcium dyshomeostasis in the heart of obese-insulin resistant rats. <i>Journal of Cellular Physiology</i> , 2019 , 234, 6983-6991	7	3
22	Mitochondrial dysfunction in fatal ventricular arrhythmias. <i>Acta Physiologica</i> , 2021 , 231, e13624	5.6	3
21	The effects of doxorubicin on cardiac calcium homeostasis and contractile function.. <i>Journal of Cardiology</i> , 2022 ,	3	2
20	Iron overload cardiomyopathy: Using the latest evidence to inform future applications.. <i>Experimental Biology and Medicine</i> , 2022 , 15353702221076397	3.7	2
19	Cell death inhibitors protect against brain damage caused by cardiac ischemia/reperfusion injury. <i>Cell Death Discovery</i> , 2021 , 7, 312	6.9	2
18	Extracellular vesicles as a new hope for diagnosis and therapeutic intervention for hepatocellular carcinoma. <i>Cancer Medicine</i> , 2021 , 10, 8253-8271	4.8	2
17	Potential Roles of Myeloid Differentiation Factor 2 on Neuroinflammation and Its Possible Interventions. <i>Molecular Neurobiology</i> , 2020 , 57, 4825-4844	6.2	2
16	Post-Ischemic Treatment of Recombinant Human Secretory Leukocyte Protease Inhibitor (rhSLPI) Reduced Myocardial Ischemia/Reperfusion Injury. <i>Biomedicines</i> , 2021 , 9,	4.8	2
15	Identification of Circulating Endocan-1 and Ether Phospholipids as Biomarkers for Complications in Thalassemia Patients. <i>Metabolites</i> , 2021 , 11,	5.6	2

14	Perilla Seed Oil Alleviates Gut Dysbiosis, Intestinal Inflammation and Metabolic Disturbance in Obese-Insulin-Resistant Rats. <i>Nutrients</i> , 2021 , 13,	6.7	2
13	Subthreshold vagal nerve stimulation and the controversial findings regarding the anti-infarct effect against myocardial ischaemia-reperfusion injury. <i>Experimental Physiology</i> , 2017 , 102, 385	2.4	1
12	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	4.1	1
11	The metabolic role of spermidine in obesity: Evidence from cells to community. <i>Obesity Research and Clinical Practice</i> , 2021 , 15, 315-326	5.4	1
10	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> , 2021 , 1	3.9	1
9	Therapeutic potentials of cell death inhibitors in rats with cardiac ischaemia/reperfusion injury.. <i>Journal of Cellular and Molecular Medicine</i> , 2022 ,	5.6	1
8	Mitochondrial dynamics and diabetic kidney disease: Missing pieces for the puzzle of therapeutic approaches. <i>Journal of Cellular and Molecular Medicine</i> , 2021 ,	5.6	1
7	Tabersonine attenuates Angiotensin II-induced cardiac remodeling and dysfunction through targeting TAK1 and inhibiting TAK1-mediated cardiac inflammation. <i>Phytomedicine</i> , 2022 , 154238	6.5	1
6	Platinum-based chemotherapy and bevacizumab instigate the destruction of human ovarian cancers via different signaling pathways. <i>Biochemical Pharmacology</i> , 2021 , 188, 114587	6	0
5	Effectiveness of high cardiorespiratory fitness in cardiometabolic protection in prediabetic rats.. <i>Molecular Medicine</i> , 2022 , 28, 31	6.2	0
4	Sexual dimorphism in cardiometabolic and cardiac mitochondrial function in obese rats following sex hormone deprivation.. <i>Nutrition and Diabetes</i> , 2022 , 12, 11	4.7	0
3	The regulatory effects of PTPN6 on inflammatory process: Reports from mice to men.. <i>Archives of Biochemistry and Biophysics</i> , 2022 , 721, 109189	4.1	0
2	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	10.3	0
1	Finding serendipity. <i>Experimental Physiology</i> , 2017 , 102, 1044-1045	2.4	