

# Busarin Arunsak

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

272  
citations

1040056

9  
h-index

996975

15  
g-index

23  
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23  
docs citations

23  
times ranked

139  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardioprotective effects of melatonin and metformin against doxorubicin-induced cardiotoxicity in rats are through preserving mitochondrial function and dynamics. <i>Biochemical Pharmacology</i> , 2021, 192, 114743.	4.4	46
2	Cell death inhibitors protect against brain damage caused by cardiac ischemia/reperfusion injury. <i>Cell Death Discovery</i> , 2021, 7, 312.	4.7	31
3	Donepezil Protects Against Doxorubicin-Induced Chemobrain in Rats via Attenuation of Inflammation and Oxidative Stress Without Interfering With Doxorubicin Efficacy. <i>Neurotherapeutics</i> , 2021, 18, 2107-2125.	4.4	30
4	Acetylcholinesterase inhibitor ameliorates doxorubicin-induced cardiotoxicity through reducing RIP1-mediated necroptosis. <i>Pharmacological Research</i> , 2021, 173, 105882.	7.1	27
5	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
6	Not only metformin, but also D-allulose, alleviates metabolic disturbance and cognitive decline in prediabetic rats. <i>Nutritional Neuroscience</i> , 2022, 25, 1115-1127.	3.1	14
7	The comparative effects of high dose atorvastatin and proprotein convertase subtilisin/kexin type 9 inhibitor on the mitochondria of oxidative muscle fibers in obese-insulin resistant female rats. <i>Toxicology and Applied Pharmacology</i> , 2019, 382, 114741.	2.8	13
8	The roles of HMGB1-produced DNA gaps in DNA protection and aging biomarker reversal. <i>FASEB BioAdvances</i> , 2022, 4, 408-434.	2.4	12
9	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
10	PCSK9 inhibitor and atorvastatin reduce cardiac impairment in ovariectomized prediabetic rats via improved mitochondrial function and Ca <sup>2+</sup> regulation. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 9189-9203.	3.6	9
11	Inhibition of myeloid differentiation factor 2 attenuates cardiometabolic impairments via reducing cardiac mitochondrial dysfunction, inflammation, apoptosis and ferroptosis in prediabetic rats. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166301.	3.8	9
12	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
13	Modulation of mitochondrial dynamics rescues cognitive function in rats with doxorubicin-induced chemobrain™ via mitigation of mitochondrial dysfunction and neuroinflammation. <i>FEBS Journal</i> , 2022, 289, 6435-6455.	4.7	8
14	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
15	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
16	Effectiveness of high cardiorespiratory fitness in cardiometabolic protection in prediabetic rats. <i>Molecular Medicine</i> , 2022, 28, 31.	4.4	6
17	Hyperbaric oxygen therapy improves age induced bone dyshomeostasis in non-obese and obese conditions. <i>Life Sciences</i> , 2022, 295, 120406.	4.3	6
18	PCSK9 inhibitor effectively attenuates cardiometabolic impairment in obese-insulin resistant rats. <i>European Journal of Pharmacology</i> , 2020, 883, 173347.	3.5	5

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19	A proprotein convertase subtilisin/kexin type 9 inhibitor provides comparable efficacy with lower detriment than statins on mitochondria of oxidative muscle of obese estrogen-deprived rats. <i>Menopause</i> , 2020, 27, 1155-1166.	2.0	5
20	Mild Cognitive impairment Occurs in Rats During the Early Remodeling Phase of Myocardial Infarction. <i>Neuroscience</i> , 2022, 493, 31-40.	2.3	5
21	Blocking myeloid differentiation factor 2 improves cognitive function via reducing microglia activation, neuroinflammation, brain mitochondrial dysfunction and dendritic spine loss in obese insulin-resistant rats. <i>Alzheimer's and Dementia</i> , 2021, 17, e050382.	0.8	1
22	Proprotein convertase subtilisin/kexin type 9 inhibitor and atorvastatin exert greater efficacy than estrogen on attenuating brain pathology and learning deficit in obesity with estrogen-deprived condition. <i>Alzheimer's and Dementia</i> , 2021, 17, e050808.	0.8	0
23	Myeloid differentiation factor 2 inhibitor, 2i10, alleviates dendritic spine loss in rats with cardiac ischemia-reperfusion injury via decreasing brain inflammation. <i>Alzheimer's and Dementia</i> , 2021, 17, e051260.	0.8	0