

Bo Xu

List of Publications by Year in descending order

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13
papers

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citations

933447

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1125743

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332
citing authors

#	ARTICLE	IF	CITATIONS
1	Physical exercise may exert its therapeutic influence on Alzheimer's disease through the reversal of mitochondrial dysfunction via SIRT1/FOXO1/3/PINK1/Parkin-mediated mitophagy. <i>Journal of Sport and Health Science</i> , 2021, 10, 1-3.	6.5	37
2	Treadmill exercise overcomes memory deficits related to synaptic plasticity through modulating ionic glutamate receptors. <i>Behavioural Brain Research</i> , 2021, 414, 113502.	2.2	14
3	Treadmill Exercise Ameliorates Adult Hippocampal Neurogenesis Possibly by Adjusting the APP Proteolytic Pathway in APP/PS1 Transgenic Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9570.	4.1	13
4	The beneficial effect of exercise against Alzheimer's disease may result from improved brain glucose metabolism. <i>Neuroscience Letters</i> , 2021, 763, 136182.	2.1	7
5	High-intensity interval training and moderate-intensity continuous training alleviate β -amyloid deposition by inhibiting NLRP3 inflammasome activation in APP ^{swe} /PS1 ^{dE9} mice. <i>NeuroReport</i> , 2020, 31, 425-432.	1.2	21
6	Treadmill Exercise Attenuates β -Induced Mitochondrial Dysfunction and Enhances Mitophagy Activity in APP/PS1 Transgenic Mice. <i>Neurochemical Research</i> , 2020, 45, 1202-1214.	3.3	37
7	Interval and continuous exercise overcome memory deficits related to β -Amyloid accumulation through modulating mitochondrial dynamics. <i>Behavioural Brain Research</i> , 2019, 376, 112171.	2.2	53
8	Treadmill Exercise Decreases β Deposition and Counteracts Cognitive Decline in APP/PS1 Mice, Possibly via Hippocampal Microglia Modifications. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 78.	3.4	66
9	Treadmill exercise decreases β -amyloid burden in APP/PS1 transgenic mice involving regulation of the unfolded protein response. <i>Neuroscience Letters</i> , 2019, 703, 125-131.	2.1	19
10	Treadmill exercise inhibits amyloid- β generation in the hippocampus of APP/PS1 transgenic mice by reducing cholesterol-mediated lipid raft formation. <i>NeuroReport</i> , 2019, 30, 498-503.	1.2	23
11	The effects of treadmill exercise on autophagy in hippocampus of APP/PS1 transgenic mice. <i>NeuroReport</i> , 2018, 29, 819-825.	1.2	34
12	Beneficial effects of neuropeptide galanin on reinstatement of exercise-induced somatic and psychological trauma. <i>Journal of Neuroscience Research</i> , 2017, 95, 1036-1043.	2.9	2
13	Treadmill exercise slows cognitive deficits in aging rats by antioxidation and inhibition of amyloid production. <i>NeuroReport</i> , 2013, 24, 342-347.	1.2	31