

# Bo Xu

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

357  
citations

933447

10  
h-index

1125743

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13  
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docs citations

13  
times ranked

332  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Treadmill Exercise Decreases A $\beta$ 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        |
| 2  | Interval and continuous exercise overcome memory deficits related to $\beta$ -Amyloid accumulation through modulating mitochondrial dynamics. <i>Behavioural Brain Research</i> , 2019, 376, 112171.  | 2.2 | 53        |
| 3  | Treadmill Exercise Attenuates A $\beta$ -Induced Mitochondrial Dysfunction and Enhances Mitophagy Activity in APP/PS1 Transgenic Mice. <i>Neurochemical Research</i> , 2020, 45, 1202-1214.   | 3.3 | 37        |
| 4  | Physical exercise may exert its therapeutic influence on Alzheimer's disease through the reversal of mitochondrial dysfunction via SIRT1 $\rightarrow$ FOXO1 $\rightarrow$ PINK1 $\rightarrow$ Parkin-mediated mitophagy. <i>Journal of Sport and Health Science</i> , 2021, 10, 1-3. | 6.5 | 37        |
| 5  | The effects of treadmill exercise on autophagy in hippocampus of APP/PS1 transgenic mice. <i>NeuroReport</i> , 2018, 29, 819-825.   | 1.2 | 34        |
| 6  | 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        |
| 7  | Treadmill exercise inhibits amyloid- $\beta$ 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        |
| 8  | High-intensity interval training and moderate-intensity continuous training alleviate $\beta$ -amyloid deposition by inhibiting NLRP3 inflammasome activation in APP <sup>swe</sup> /PS1 <sup>dE9</sup> mice. <i>NeuroReport</i> , 2020, 31, 425-432.                                 | 1.2 | 21        |
| 9  | Treadmill exercise decreases $\beta$ -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 overcomes memory deficits related to synaptic plasticity through modulating ionic glutamate receptors. <i>Behavioural Brain Research</i> , 2021, 414, 113502.  | 2.2 | 14        |
| 11 | 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        |
| 12 | 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         |
| 13 | 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         |