

# Jansen Fernandes

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

911  
citations

623734

14  
h-index

996975

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1447  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial memory is improved by aerobic and resistance exercise through divergent molecular mechanisms. <i>Neuroscience</i> , 2012, 202, 309-317.	2.3	286
2	Physical exercise as an epigenetic modulator of brain plasticity and cognition. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 80, 443-456.	6.1	197
3	Maternal Exercise during Pregnancy Increases BDNF Levels and Cell Numbers in the Hippocampal Formation but Not in the Cerebral Cortex of Adult Rat Offspring. <i>PLoS ONE</i> , 2016, 11, e0147200.	2.5	65
4	The beneficial effects of strength exercise on hippocampal cell proliferation and apoptotic signaling is impaired by anabolic androgenic steroids. <i>Psychoneuroendocrinology</i> , 2014, 50, 106-117.	2.7	54
5	Differential effects of exercise intensities in hippocampal BDNF, inflammatory cytokines and cell proliferation in rats during the postnatal brain development. <i>Neuroscience Letters</i> , 2013, 553, 1-6.	2.1	48
6	A strength exercise program in rats with epilepsy is protective against seizures. <i>Epilepsy and Behavior</i> , 2012, 25, 323-328.	1.7	45
7	Resistance Exercise Reduces Seizure Occurrence, Attenuates Memory Deficits and Restores BDNF Signaling in Rats with Chronic Epilepsy. <i>Neurochemical Research</i> , 2017, 42, 1230-1239.	3.3	41
8	A single bout of resistance exercise improves memory consolidation and increases the expression of synaptic proteins in the hippocampus. <i>Hippocampus</i> , 2016, 26, 1096-1103.	1.9	29
9	Animal model for progressive resistance exercise: a detailed description of model and its implications for basic research in exercise. <i>Motriz Revista De Educacao Fisica</i> , 2013, 19, 178-184.	0.2	28
10	Aerobic exercise attenuates inhibitory avoidance memory deficit induced by paradoxical sleep deprivation in rats. <i>Brain Research</i> , 2013, 1529, 66-73.	2.2	27
11	Physical exercise alters the activation of downstream proteins related to BDNF- $\text{TrkB}$ signaling in male Wistar rats with epilepsy. <i>Journal of Neuroscience Research</i> , 2018, 96, 911-920.	2.9	26
12	Hippocampal microRNA-mRNA regulatory network is affected by physical exercise. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 1711-1720.	2.4	23
13	Cortical and hippocampal expression of inflammatory and intracellular signaling proteins in aged rats submitted to aerobic and resistance physical training. <i>Experimental Gerontology</i> , 2018, 110, 284-290.	2.8	21
14	Aerobic exercise reduces hippocampal ERK and p38 activation and improves memory of middle-aged rats. <i>Hippocampus</i> , 2017, 27, 899-905.	1.9	15
15	Does resistance exercise exert a role in hippocampal neurogenesis?. <i>Journal of Physiology</i> , 2016, 594, 6799-6799.	2.9	2
16	012 $\mu\text{M}$ (CAM0047) Previous aerobic exercise program does not alter seizure susceptibility in adult female rats. <i>Epilepsy and Behavior</i> , 2014, 38, 186.	1.7	0
17	Insulin and insulin-like growth factor-I receptors in astrocytes exert different effects on behavior and Alzheimer's-like pathology. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 663.	1.6	0