Sergio Gomes Da Silva

List of Publications by Year
in descending order

53 papers	1,404 citations	346980 22 h-index	406436 35 g-index
54 all docs	54 docs citations	54 times ranked	2267 citing authors

#	Article	IF	Citations
1	Improved Spatial Memory And Neuroinflammatory Profile Changes in Aged Rats Submitted to Photobiomodulation Therapy. Cellular and Molecular Neurobiology, 2022, 42, 1875-1886.	1.7	18
2	Photobiomodulation Improves the Inflammatory Response and Intracellular Signaling Proteins Linked to Vascular Function and Cell Survival in the Brain of Aged Rats. Molecular Neurobiology, 2022, 59, 420-428.	1.9	9
3	Resistance exercise improves learning and memory and modulates hippocampal metabolomic profile in aged rats. Neuroscience Letters, 2022, 766, 136322.	1.0	6
4	Factors affecting executive function performance of Brazilian elderly in the Stroop test. Brazilian Journal of Medical and Biological Research, 2022, 55, e11917.	0.7	5
5	Transcranial photobiomodulation changes neuronal morphology in the cerebral cortex of rats. Neuroscience Letters, 2022, 781, 136681.	1.0	3
6	Dispositivos para ortostatismo para pessoas com mobilidade reduzida: revisÃ£o integrativa. Research, Society and Development, 2022, 11, e35911930278.	0.0	0
7	Effects of Chronic Photobiomodulation with Transcranial Near-Infrared Laser on Brain Metabolomics of Young and Aged Rats. Molecular Neurobiology, 2021, 58, 2256-2268.	1.9	14
8	Storytelling increases oxytocin and positive emotions and decreases cortisol and pain in hospitalized children. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	26
9	Photobiomodulation therapy enhances topical diclofenac absorption in healthy volunteers â€“ a randomized placebo-controlled trial: preliminary results. Research, Society and Development, 2021, 10, e265101220448.	0.0	0
10	Photobiomodulation for the aging brain. Ageing Research Reviews, 2021, 70, 101415.	5.0	19
11	Enriched environment and exercise effects on parvalbumin expression and distribution in the hippocampal formation of developing rats. Brain Research Bulletin, 2020, 160, 85-90.	1.4	3
12	Therapeutic Potential of Photobiomodulation In Alzheimerâ€™s Disease: A Systematic Review. Journal of Lasers in Medical Sciences, 2020, 11, S16-S22.	0.4	14
13	A new model of experimental hemispherotomy in young adult Rattus norvegicus: a neural tract tracing and SPECT in vivo study. Journal of Neurosurgery, 2019, 130, 1210-1223.	0.9	7
14	Using a Dance Mat to Assess Inhibitory Control of Foot in Young Children. Frontiers in Physiology, 2019, 10, 1302.	1.3	1
15	Early exercise induces long-lasting morphological changes in cortical and hippocampal neurons throughout of a sedentary period of rats. Scientific Reports, 2019, 9, 13684.	1.6	18
16	Plasma brain-derived neurotrophic factor is higher after combat training (Randori) than incremental ramp test in elite judo athletes. Brazilian Journal of Medical and Biological Research, 2019, 52, e8154.	0.7	5
17	Hippocampal distribution of parvalbumin neurons in female and male rats submitted to the same volume and intensity of aerobic exercise. Neuroscience Letters, 2019, 690, 162-166.	1.0	6
18	Discordant congenital Zika syndrome twins show differential in vitro viral susceptibility of neural progenitor cells. Nature Communications, 2018, 9, 475.	5.8	86

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19	Status epilepticus does not induce acute brain inflammatory response in the Amazon rodent Proechimys, an animal model resistant to epileptogenesis. Neuroscience Letters, 2018, 668, 169-173.	1.0	31
20	Physical exercise alters the activation of downstream proteins related to BDNFâ€TrkB signaling in male Wistar rats with epilepsy. Journal of Neuroscience Research, 2018, 96, 911-920.	1.3	26
21	Down Syndrome iPSC-Derived Astrocytes Impair Neuronal Synaptogenesis and the mTOR Pathway In Vitro. Molecular Neurobiology, 2018, 55, 5962-5975.	1.9	42
22	Cortical and hippocampal expression of inflammatory and intracellular signaling proteins in aged rats submitted to aerobic and resistance physical training. Experimental Gerontology, 2018, 110, 284-290.	1.2	21
23	Resistance Exercise Reduces Seizure Occurrence, Attenuates Memory Deficits and Restores BDNF Signaling in Rats with Chronic Epilepsy. Neurochemical Research, 2017, 42, 1230-1239.	1.6	41
24	Aerobic exercise reduces hippocampal ERK and p38 activation and improves memory of middleâ€aged rats. Hippocampus, 2017, 27, 899-905.	0.9	15
25	Aerobic exercise in adolescence results in an increase of neuronal and non-neuronal cells and in mTOR overexpression in the cerebral cortex of rats. Neuroscience, 2017, 361, 108-115.	1.1	13
26	Physical Exercise Restores the Generation of Newborn Neurons in an Animal Model of Chronic Epilepsy. Frontiers in Neuroscience, 2017, 11, 98.	1.4	4
27	Neural Reserve Induced By Practice Of Physical Activity In Adolescence. Medicine and Science in Sports and Exercise, 2016, 48, 854.	0.2	0
28	Relationship between seizure frequency and number of neuronal and non-neuronal cells in the hippocampus throughout the life of rats with epilepsy. Brain Research, 2016, 1634, 179-186.	1.1	34
29	Maternal Exercise during Pregnancy Increases BDNF Levels and Cell Numbers in the Hippocampal Formation but Not in the Cerebral Cortex of Adult Rat Offspring. PLoS ONE, 2016, 11, e0147200.	1.1	65
30	Epilepsy-induced electrocardiographic alterations following cardiac ischemia and reperfusion in rats. Brazilian Journal of Medical and Biological Research, 2015, 48, 140-145.	0.7	11
31	Physical activity and brain development. Expert Review of Neurotherapeutics, 2015, 15, 1041-1051.	1.4	51
32	Differential effects of exercise on brain opioid receptor binding and activation in rats. Journal of Neurochemistry, 2015, 132, 206-217.	2.1	26
33	Parvalbumin expression and distribution in the hippocampal formation of Cebus apella. American Journal of Primatology, 2015, 77, 449-461.	0.8	1
34	Physical Exercise And Brain Development. Medicine and Science in Sports and Exercise, 2014, 46, 680.	0.2	0
35	Repetitive noxious neonatal stimuli increases dentate gyrus cell proliferation and hippocampal brainâ€derived neurotrophic factor levels. Hippocampus, 2014, 24, 415-423.	0.9	23
36	Beneficial influence of physical exercise following status epilepticus in the immature brain of rats. Neuroscience, 2014, 274, 69-81.	1.1	24

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37	Exercise-induced hippocampal anti-inflammatory response in aged rats. Journal of Neuroinflammation, 2013, 10, 61.	3.1	70
38	Differential effects of exercise intensities in hippocampal BDNF, inflammatory cytokines and cell proliferation in rats during the postnatal brain development. Neuroscience Letters, 2013, 553, 1-6.	1.0	48
39	Knowledge about epilepsy among health professionals: a cross-sectional survey in SÃ£o Paulo, Brazil. BMJ Open, 2012, 2, e000919.	0.8	48
40	Early exercise promotes positive hippocampal plasticity and improves spatial memory in the adult life of rats. Hippocampus, 2012, 22, 347-358.	0.9	103
41	Early physical exercise and seizure susceptibility later in life. International Journal of Developmental Neuroscience, 2011, 29, 861-865.	0.7	27
42	Exercise Paradigms to Study Brain Injury Recovery in Rodents. American Journal of Physical Medicine and Rehabilitation, 2011, 90, 452-465.	0.7	47
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44	Hippocampal plasticity in rats submitted to a gastric restrictive procedure. Nutritional Neuroscience, 2011, 14, 181-185.	1.5	6
45	Physical exercise during the adolescent period of life increases hippocampal parvalbumin expression. Brain and Development, 2010, 32, 137-142.	0.6	47
46	The use of new world primates for biomedical research: an overview of the last four decades. American Journal of Primatology, 2010, 72, 1055-1061.	0.8	16
47	Evaluation of physical educators' knowledge about epilepsy. Arquivos De Neuro-Psiquiatria, 2010, 68, 367-371.	0.3	18
48	Hippocampal mossy fiber sprouting induced by forced and voluntary physical exercise. Physiology and Behavior, 2010, 101, 302-308.	1.0	25
49	Physical exercise in adolescence changes CB1 cannabinoid receptor expression in the rat brain. Neurochemistry International, 2010, 57, 492-496.	1.9	24
50	The potential role of physical exercise in the treatment of epilepsy. Epilepsy and Behavior, 2010, 17, 432-435.	0.9	60
51	Evaluation of Physical Activity Habits in Patients with Posttraumatic Stress Disorder. Clinics, 2008, 63, 473-478.	0.6	72
52	Physical training in developing rats does not influence the kindling development in the adult life. Physiology and Behavior, 2007, 90, 629-633.	1.0	24
53	Effects of different types of physical exercise on the staining of parvalbumin-positive neurons in the hippocampal formation of rats with epilepsy. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2007, 31, 814-822.	2.5	73