

Hojjatallah Alaei

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

818
citations

471509

17
h-index

610901

24
g-index

68
all docs

68
docs citations

68
times ranked

962
citing authors

#	ARTICLE	IF	CITATIONS
1	Treadmill running reverses retention deficit induced by morphine. <i>European Journal of Pharmacology</i> , 2006, 536, 138-141.	3.5	63
2	Treadmill running improves spatial memory in an animal model of Alzheimer's disease. <i>Behavioural Brain Research</i> , 2011, 216, 270-274.	2.2	46
3	Effects of treadmill running on mid-term memory and swim speed in the rat with Morris water maze test. <i>Journal of Bodywork and Movement Therapies</i> , 2008, 12, 72-75.	1.2	39
4	Chronic treatment with carvedilol improves passive avoidance memory in a rat model of Parkinson's disease. <i>Arquivos De Neuro-Psiquiatria</i> , 2018, 76, 71-77.	0.8	38
5	Effects of different timing of stress on corticosterone, BDNF and memory in male rats. <i>Physiology and Behavior</i> , 2015, 139, 459-467.	2.1	37
6	Treadmill running improves long-term potentiation (LTP) defects in streptozotocin-induced diabetes at dentate gyrus in rats. <i>Pathophysiology</i> , 2010, 17, 33-38.	2.2	27
7	Effects of electrical lesion of basolateral amygdala nucleus on rat anxiety-like behaviour under acute, sub-chronic, and chronic stresses. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017, 44, 470-479.	1.9	27
8	Effect of exercise, exercise withdrawal, and continued regular exercise on excitability and long-term potentiation in the dentate gyrus of hippocampus. <i>Brain Research</i> , 2016, 1653, 8-13.	2.2	26
9	The Effect of Synchronized Forced Running with Chronic Stress on Short, Mid and Long- term Memory in Rats. <i>Asian Journal of Sports Medicine</i> , 2012, 4, 54-62.	0.3	25
10	Effect of exercise on learning, memory and levels of epinephrine in rats' hippocampus. <i>Journal of Sports Science and Medicine</i> , 2003, 2, 106-9.	1.6	25
11	Effect of forced exercise and exercise withdrawal on memory, serum and hippocampal corticosterone levels in rats. <i>Experimental Brain Research</i> , 2015, 233, 2789-2799.	1.5	22
12	Pretreatment with crocin along with treadmill exercise ameliorates motor and memory deficits in hemiparkinsonian rats by anti-inflammatory and antioxidant mechanisms. <i>Metabolic Brain Disease</i> , 2019, 34, 459-468.	2.9	20
13	The effect of synchronized running activity with chronic stress on passive avoidance learning and body weight in rats. <i>International Journal of Preventive Medicine</i> , 2013, 4, 430-7.	0.4	20
14	The effect of preventive exercise on the neuroprotection in 6-hydroxydopamine-lesioned rat brain. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019, 44, 1267-1275.	1.9	18
15	The effect of treadmill running on passive avoidance learning in animal model of Alzheimer disease. <i>International Journal of Preventive Medicine</i> , 2013, 4, 187-92.	0.4	18
16	Different current intensities electrical stimulation of prelimbic cortex of mPFC produces different effects on morphine-induced conditioned place preference in rats. <i>Behavioural Brain Research</i> , 2012, 231, 187-192.	2.2	17
17	The effect of treadmill running on memory before and after the NBM-lesion in rats. <i>Journal of Bodywork and Movement Therapies</i> , 2013, 17, 423-429.	1.2	17
18	Preventive and therapeutic effect of treadmill running on chronic stress-induced memory deficit in rats. <i>Journal of Bodywork and Movement Therapies</i> , 2015, 19, 238-245.	1.2	16

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19	Effects of Preventive Treadmill Exercise on the Recovery of Metabolic and Mitochondrial Factors in the 6-Hydroxydopamine Rat Model of Parkinson's Disease. <i>Neurotoxicity Research</i> , 2019, 35, 908-917.	2.7	16
20	The effect of basolateral amygdala nucleus lesion on memory under acute, mid and chronic stress in male rats. <i>Turkish Journal of Medical Sciences</i> , 2016, 46, 1915-1925.	0.9	15
21	The Effects of Crocin on 6-OHDA-Induced Oxidative/Nitrosative Damage and Motor Behaviour in Hemiparkinsonian Rats. <i>The Malaysian Journal of Medical Sciences</i> , 2016, 23, 35-43.	0.5	14
22	Treadmill exercise improves LPS-induced memory impairments via endocannabinoid receptors and cyclooxygenase enzymes. <i>Behavioural Brain Research</i> , 2020, 380, 112440.	2.2	14
23	Effect of forced treadmill exercise on stimulation of BDNF expression, depression symptoms, tactile memory and working memory in LPS-treated rats. <i>Behavioural Brain Research</i> , 2022, 418, 113645.	2.2	14
24	Angiotensin converting enzyme inhibitor captopril modifies conditioned place preference induced by morphine and morphine withdrawal signs in rats. <i>Pathophysiology</i> , 2007, 14, 55-60.	2.2	13
25	The Effect of Levothyroxine on Serum Levels of Interleukin 10 and Interferon-gamma in Rat Model of Multiple Sclerosis. <i>Advanced Biomedical Research</i> , 2017, 6, 118.	0.5	13
26	Effects of amitriptyline and fluoxetine on synaptic plasticity in the dentate gyrus of hippocampal formation in rats. <i>Advanced Biomedical Research</i> , 2014, 3, 199.	0.5	12
27	Effects of concurrent blockade of OX2 and CB1 receptors in the ventral tegmental area on nicotine-induced place preference in rats. <i>Neuroscience Letters</i> , 2018, 684, 121-126.	2.1	11
28	Lesion of medial prefrontal cortex reduces morphine-induced extracellular dopamine level in the ventral tegmental area: A microdialysis study in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 102, 77-81.	2.9	10
29	Lateral habenula electrical stimulation with different intensities in combination with GABAB receptor antagonist reduces acquisition and expression phases of morphine-induced CPP. <i>Neuroscience Letters</i> , 2021, 759, 135996.	2.1	10
30	Effects of doxepin on gene expressions of Bcl-2 family, TNF- α , MAP kinase 14, and Akt1 in the hippocampus of rats exposed to stress. <i>Research in Pharmaceutical Sciences</i> , 2017, 12, 15.	1.8	9
31	Cholestasis progression effects on long-term memory in bile duct ligation rats. <i>Advanced Biomedical Research</i> , 2014, 3, 215.	0.5	9
32	Functional crosstalk of nucleus accumbens CB1 and OX2 receptors in response to nicotine-induced place preference. <i>Neuroscience Letters</i> , 2019, 698, 160-164.	2.1	8
33	Effect of electrical stimulation of nucleus accumbens with low, median and high currents intensities on conditioned place preference induced by morphine in rats. <i>Advanced Biomedical Research</i> , 2014, 3, 14.	0.5	8
34	Effects of <i>Cyperus rotundus</i> extract on spatial memory impairment and neuronal differentiation in rat model of Alzheimer's disease. <i>Advanced Biomedical Research</i> , 2020, 9, 17.	0.5	8
35	Stress biomarker responses to different protocols of forced exercise in chronically stressed rats. <i>Journal of Bodywork and Movement Therapies</i> , 2017, 21, 63-68.	1.2	7
36	Exercise-Induced Neuroprotection in the 6-Hydroxydopamine Parkinson's Disease Model. <i>Neurotoxicity Research</i> , 2020, 38, 850-858.	2.7	7

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37	Effects of levothyroxine on visual evoked potential impairment following local injections of lysolecithin into the rat optic chiasm. <i>International Journal of Preventive Medicine</i> , 2018, 9, 18.	0.4	7
38	Electrophysiological study of the response of ventral tegmental area non-dopaminergic neurons to nicotine after concurrent blockade of orexin receptor-2 and cannabinoid receptors-1. <i>Brain Research</i> , 2019, 1719, 176-182.	2.2	6
39	Therapeutic effects of <i>Cyperus rotundus</i> rhizome extract on memory impairment, neurogenesis and mitochondria in beta-amyloid rat model of Alzheimer's disease. <i>Metabolic Brain Disease</i> , 2020, 35, 451-461.	2.9	6
40	Daily running promotes spatial learning and memory in rats. <i>Journal of Sports Science and Medicine</i> , 2007, 6, 429-33.	1.6	6
41	Prefrontal dopaminergic system and its role in working memory and cognition in spinal cord-injured rats. <i>Experimental Physiology</i> , 2020, 105, 1579-1587.	2.0	5
42	Effect of Aerobic Exercise on Morphine Self-administration and Pain Modulation in Rats. <i>Advanced Biomedical Research</i> , 2018, 7, 70.	0.5	5
43	The effect of red grape juice and exercise, and their combination on parkinson's disease in rats. <i>Avicenna Journal of Phytomedicine</i> , 2012, 2, 90-6.	0.2	5
44	Effect of intracerebroventricular injection of GABA receptors antagonists on morphine-induced changes in GABA and GLU transmission within the mPFC: an microdialysis study. <i>Iranian Journal of Basic Medical Sciences</i> , 2019, 22, 246-250.	1.0	5
45	Blockade of prelimbic glutamate receptor reduces the reinforcing effect of morphine. <i>Canadian Journal of Physiology and Pharmacology</i> , 2018, 96, 815-822.	1.4	4
46	Orexin type-2 receptor blockade prevents the nicotine-induced excitation of nucleus accumbens core neurons in rats: An electrophysiological perspective. <i>Pharmacological Reports</i> , 2019, 71, 361-366.	3.3	4
47	Comparing the Therapeutic Effects of Crocin, Escitalopram and Co-Administration of Escitalopram and Crocin on Learning and Memory in Rats with Stress-Induced Depression. <i>The Malaysian Journal of Medical Sciences</i> , 2021, 28, 50-62.	0.5	4
48	An Assessment between D1 receptor agonist and d2 receptor antagonist into the ventral tegmental area on conditioned place preference and locomotor activity. <i>Advanced Biomedical Research</i> , 2019, 8, 72.	0.5	4
49	Effect of Treadmill Running on Morphine Dependence Before and After Medial Prefrontal Cortex Lesion in Rats. <i>Asian Journal of Sports Medicine</i> , 2016, 7, e35181.	0.3	4
50	Effects of doxepin on brain-derived neurotrophic factor, tumor necrosis factor alpha, mitogen-activated protein kinase 14, and AKT1 genes expression in rat hippocampus. <i>Advanced Biomedical Research</i> , 2015, 4, 203.	0.5	4
51	Effects of electrical stimulation and temporary inactivation of basolateral amygdala on morphine-induced conditioned place preference in rats. <i>Neuroscience Letters</i> , 2022, 774, 136519.	2.1	4
52	Electrical stimulation mPFC affects morphine addiction by changing glutamate concentration in the ventral tegmental area. <i>Metabolic Brain Disease</i> , 2019, 34, 1171-1180.	2.9	3
53	Mutual assistance of nucleus accumbens cannabinoid receptor-1 and orexin receptor-2 in response to nicotine: a single-unit study. <i>Research in Pharmaceutical Sciences</i> , 2021, 16, 173.	1.8	3
54	The Effect of Preventive, Therapeutic and Protective Exercises on Hippocampal memory Mediators in Stressed Rats. <i>The Malaysian Journal of Medical Sciences</i> , 2016, 23, 29-37.	0.5	3

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55	Blockade of Glutamate Receptors within the Prelimbic Cortex Attenuate Concentration of Excitatory Amino Acids in the Morphine Self-administration in Rats. <i>Advanced Biomedical Research</i> , 2018, 7, 116.	0.5	3
56	Microinjection of a dopamine-D1 receptor agonist into the ventral tegmental area reverses the blocked expression of morphine conditioned place preference by N-methyl-D-aspartate receptor antagonist. <i>Advanced Biomedical Research</i> , 2020, 9, 54.	0.5	3
57	Involvement of basolateral amygdala dopamine D1 receptors in the acquisition and expression of morphine-induced place preference in rats. <i>Advanced Biomedical Research</i> , 2022, 11, 8.	0.5	3
58	Roles of the nucleus accumbens (shell) in the acquisition and expression of morphine-induced conditioned behavior in freely moving rats. <i>International Journal of Preventive Medicine</i> , 2014, 5, 262-8.	0.4	2
59	Effects of resin extract on motor dysfunction and brain oxidative stress in an experimental model of Parkinson's disease. <i>Avicenna Journal of Phytomedicine</i> , 2019, 9, 281-290.	0.2	2
60	Molecular Mechanisms of Exercise in Brain Disorders: a Focus on the Function of Brain-Derived Neurotrophic Factor—a Narrative Review. <i>Neurotoxicity Research</i> , 0, , .	2.7	2
61	The Blockade of Glutamate N-methyl-D-aspartate Receptors into the Prelimbic of Prefrontal Cortex Decreases Morphine-induced Conditioned Place Preference in Rat. <i>Indonesian Biomedical Journal</i> , 2017, 9, 165.	0.3	1
62	Electrical stimulation of prelymbic with different currents intensities on morphine induced spatial memory deficit in rats. <i>Advanced Biomedical Research</i> , 2016, 5, 166.	0.5	1
63	Chronic Standard Scheduled-Diet Improves Memory Performance and Is Associated with Positive Correlation between Plasma Ghrelin and Hippocampal Dopamine Level in Rats. <i>Neurochemical Journal</i> , 2021, 15, 148-153.	0.5	0
64	The metabolically effects of the short term endurance training among rat model of 6-hydroxydopamine Parkinson's disease. <i>Medical Journal of Tabriz University of Medical Sciences & Health Services</i> , 2020, 42, 273-280.	0.1	0
65	Effects of cholestasis on learning and locomotor activity in bile duct ligated rats. <i>The Malaysian Journal of Medical Sciences</i> , 2014, 21, 19-28.	0.5	0
66	The Impact of Crocin and Chronic Isolation Stress on Passive Avoidance Memory and Brain Electrical Activity in Male Rats. <i>Physiology and Pharmacology</i> , 2021, .	0.2	0
67	Preventive effects of fixed and progressive forced exercises on memory and brain electrical activity in morphine-addicted rats. <i>Anais Da Academia Brasileira De Ciencias</i> , 2022, 94, .	0.8	0