

Fereshteh Motamedi

List of Publications by Year in descending order

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99
papers

2,622
citations

147566

31
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233125

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102
all docs

102
docs citations

102
times ranked

3077
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional inactivation of orexin 1 receptors in CA1 region impairs acquisition, consolidation and retrieval in Morris water maze task. <i>Behavioural Brain Research</i> , 2006, 173, 47-52.	1.2	104
2	The effect of antagonization of orexin 1 receptors in CA1 and dentate gyrus regions on memory processing in passive avoidance task. <i>Behavioural Brain Research</i> , 2008, 187, 172-177.	1.2	89
3	The selective orexin 1 receptor antagonist SB-334867-A impairs acquisition and consolidation but not retrieval of spatial memory in Morris water maze. <i>Peptides</i> , 2007, 28, 650-656.	1.2	88
4	CB1 Cannabinoid Receptor Activation Rescues Amyloid A β -Induced Alterations in Behaviour and Intrinsic Electrophysiological Properties of Rat Hippocampal CA1 Pyramidal Neurones. <i>Cellular Physiology and Biochemistry</i> , 2012, 29, 391-406.	1.1	77
5	Interaction between cannabinoid compounds and diazepam on anxiety-like behaviour of mice. <i>Pharmacology Biochemistry and Behavior</i> , 2008, 89, 64-75.	1.3	75
6	Behavioral and electrophysiological studies of chronic oral administration of L-type calcium channel blocker verapamil on learning and memory in rats. <i>Behavioural Brain Research</i> , 2006, 171, 324-328.	1.2	67
7	Inhibition of JNK phosphorylation reverses memory deficit induced by β ² -amyloid (1 μ m ²) associated with decrease of apoptotic factors. <i>Behavioural Brain Research</i> , 2011, 217, 424-431.	1.2	67
8	Orexin-1 receptor mediates long-term potentiation in the dentate gyrus area of freely moving rats. <i>Behavioural Brain Research</i> , 2011, 216, 375-380.	1.2	65
9	The role of potassium BK channels in anticonvulsant effect of cannabidiol in pentylenetetrazole and maximal electroshock models of seizure in mice. <i>Epilepsy and Behavior</i> , 2013, 28, 1-7.	0.9	58
10	Early minor stimulation of microglial TLR2 and TLR4 receptors attenuates Alzheimer's disease-related cognitive deficit in rats: behavioral, molecular, and electrophysiological evidence. <i>Neurobiology of Aging</i> , 2018, 70, 203-216.	1.5	55
11	Effect of reversible inactivation of the reuniens nucleus on spatial learning and memory in rats using Morris water maze task. <i>Behavioural Brain Research</i> , 2009, 198, 130-135.	1.2	52
12	Effect of parental morphine addiction on hippocampal long-term potentiation in rats offspring. <i>Behavioural Brain Research</i> , 2008, 186, 72-77.	1.2	51
13	Effect of reversible inactivation of locus ceruleus on spatial reference and working memory. <i>Neuroscience</i> , 2009, 158, 1284-1291.	1.1	51
14	ERK and p38 inhibitors attenuate memory deficits and increase CREB phosphorylation and PGC-1 α levels in A β -injected rats. <i>Behavioural Brain Research</i> , 2012, 232, 165-173.	1.2	51
15	Effect of reversible inactivation of the supramammillary nucleus on spatial learning and memory in rats. <i>Brain Research</i> , 2004, 1026, 267-274.	1.1	50
16	Evaluation of interactions between cannabinoid compounds and diazepam in electroshock-induced seizure model in mice. <i>Journal of Neural Transmission</i> , 2008, 115, 1501-1511.	1.4	50
17	Effects of reversible inactivations of the medial septal area on reference and working memory versions of the Morris water maze. <i>Brain Research</i> , 1996, 709, 131-140.	1.1	47
18	Augmentation of LTP induced by Primed Bursts tetanic stimulation in hippocampal CA1 area of morphine dependent rats. <i>Brain Research</i> , 1997, 769, 119-124.	1.1	47

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19	Chronic in vivo morphine administration facilitates primed-bursts-induced long-term potentiation of Schaffer collateral CA1 synapses in hippocampal slices in vitro. <i>Brain Research</i> , 1999, 815, 419-423.	1.1	47
20	Effect of reversible inactivation of reuiens nucleus on memory processing in passive avoidance task. <i>Behavioural Brain Research</i> , 2011, 221, 1-6.	1.2	47
21	Monitoring of Neuronal Loss in the Hippocampus of A β ² -Injected Rat: Autophagy, Mitophagy, and Mitochondrial Biogenesis Stand Against Apoptosis. <i>NeuroMolecular Medicine</i> , 2014, 16, 175-190.	1.8	47
22	The role of adenosine A1 receptors in mediating the inhibitory effects of low frequency stimulation of perforant path on kindling acquisition in rats. <i>Neuroscience</i> , 2009, 158, 1632-1643.	1.1	41
23	L-type calcium channel blockade alleviates molecular and reversal spatial learning and memory alterations induced by entorhinal amyloid pathology in rats. <i>Behavioural Brain Research</i> , 2013, 237, 190-199.	1.2	37
24	Lidocaine reversible inactivation of the median raphe nucleus has no effect on reference memory but enhances working memory versions of the Morris water maze task. <i>Behavioural Brain Research</i> , 2000, 114, 1-9.	1.2	36
25	The glucocorticoid system is required for the voluntary exercise-induced enhancement of learning and memory in rats. <i>Behavioural Brain Research</i> , 2011, 219, 75-81.	1.2	36
26	Evidence that low-threshold muscle afferents evoke long-latency stretch reflexes in human hand muscles. <i>Journal of Neurophysiology</i> , 1991, 65, 1089-1097.	0.9	35
27	Modulation of Anticonvulsant Effects of Cannabinoid Compounds by GABA-A Receptor Agonist in Acute Pentylene-tetrazole Model of Seizure in Rat. <i>Neurochemical Research</i> , 2011, 36, 1520-1525.	1.6	35
28	Ventral Tegmental Area Inactivation Suppresses the Expression of CA1 Long Term Potentiation in Anesthetized Rat. <i>PLoS ONE</i> , 2013, 8, e58844.	1.1	35
29	NMDA receptors of dorsal hippocampus are involved in the acquisition, but not in the expression of morphine-induced place preference. <i>European Journal of Pharmacology</i> , 2007, 568, 192-198.	1.7	34
30	Effect of the GABAergic System on Memory Formation and State-Dependent Learning Induced by Morphine in Rats. <i>Pharmacology</i> , 2006, 76, 93-100.	0.9	33
31	Examination of persistent effects of repeated administration of pentylene-tetrazol on rat hippocampal CA1: evidence from in vitro study on hippocampal slices. <i>Brain Research</i> , 1997, 758, 92-98.	1.1	32
32	Voluntary exercise does not ameliorate spatial learning and memory deficits induced by chronic administration of nandrolone decanoate in rats. <i>Hormones and Behavior</i> , 2013, 63, 158-165.	1.0	32
33	Adenosine A2 receptors inhibit morphine self-administration in rats. <i>European Journal of Pharmacology</i> , 1999, 383, 107-113.	1.7	31
34	Low-dose morphine induces hyperalgesia through activation of G α _s , protein kinase C, and Ca ²⁺ channels in rats. <i>Journal of Neuroscience Research</i> , 2008, 86, 471-479.	1.3	31
35	Palmitoylethanolamide attenuates PTZ-induced seizures through CB1 and CB2 receptors. <i>Epilepsy Research</i> , 2015, 117, 23-28.	0.8	31
36	Involvement of NMDA receptors and voltage-dependent calcium channels on augmentation of long-term potentiation in hippocampal CA1 area of morphine dependent rats. <i>Brain Research</i> , 1998, 804, 125-134.	1.1	29

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37	Inhibition of Akt Phosphorylation Diminishes Mitochondrial Biogenesis Regulators, Tricarboxylic Acid Cycle Activity and Exacerbates Recognition Memory Deficit in Rat Model of Alzheimer's Disease. <i>Cellular and Molecular Neurobiology</i> , 2014, 34, 1223-1233.	1.7	29
38	Non-selective NSAIDs improve the amyloid- β -mediated suppression of memory and synaptic plasticity. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 132, 33-41.	1.3	29
39	The effect of reversible inactivation of the supramammillary nucleus on passive avoidance learning in rats. <i>Behavioural Brain Research</i> , 2003, 152, 81-7.	1.2	27
40	L-type calcium channel blockade attenuates morphine withdrawal: In vivo interaction between L-type calcium channels and corticosterone. <i>Hormones and Behavior</i> , 2008, 53, 351-357.	1.0	27
41	CEPO-Fc (An EPO Derivative) Protects Hippocampus Against $A\beta$ -induced Memory Deterioration: A Behavioral and Molecular Study in a Rat Model of $A\beta$ Toxicity. <i>Neuroscience</i> , 2018, 388, 405-417.	1.1	27
42	Borna disease virus (BDV) infection in psychiatric patients and healthy controls in Iran. <i>Virology Journal</i> , 2014, 11, 161.	1.4	26
43	Nucleus incertus inactivation impairs spatial learning and memory in rats. <i>Physiology and Behavior</i> , 2015, 139, 112-120.	1.0	26
44	Geldanamycin Reduces $A\beta$ -Associated Anxiety and Depression, Concurrent with Autophagy Provocation. <i>Journal of Molecular Neuroscience</i> , 2015, 57, 317-324.	1.1	25
45	Effects of reversible inactivation of locus coeruleus on long-term potentiation in perforant path-DG synapses in rats. <i>Neurobiology of Learning and Memory</i> , 2008, 90, 309-316.	1.0	24
46	Preconditioning with toll-like receptor agonists attenuates seizure activity and neuronal hyperexcitability in the pilocarpine rat model of epilepsy. <i>Neuroscience</i> , 2019, 408, 388-399.	1.1	23
47	Formalin-Induced Differential Activation of Nucleus Cuneiformis Neurons in the Rat: An Electrophysiological Study. <i>Journal of Pain</i> , 2010, 11, 32-43.	0.7	21
48	Preventing Effect of L-Type Calcium Channel Blockade on Electrophysiological Alterations in Dentate Gyrus Granule Cells Induced by Entorhinal Amyloid Pathology. <i>PLoS ONE</i> , 2015, 10, e0117555.	1.1	21
49	Involvement of hypothalamic pituitary adrenal axis on the nifedipine-induced antinociception and tolerance in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2006, 85, 422-427.	1.3	20
50	Repeated administration of nicotine attenuates the development of morphine tolerance and dependence in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2008, 88, 385-392.	1.3	20
51	Entorhinal cortex stimulation induces dentate gyrus neurogenesis through insulin receptor signaling. <i>Brain Research Bulletin</i> , 2019, 144, 75-84.	1.4	19
52	Effects of reversible inactivation of the medial septal area on long-term potentiation and recurrent inhibition of hippocampal population spikes in rats. <i>Brain Research</i> , 1996, 734, 43-48.	1.1	18
53	Long-term increases in BK potassium channel underlie increased action potential firing in dentate granule neurons following pilocarpine-induced status epilepticus in rats. <i>Neuroscience Letters</i> , 2015, 585, 88-91.	1.0	18
54	Involvement of hypothalamic pituitary adrenal axis on the effects of nifedipine in the development of morphine tolerance in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 81, 152-157.	1.3	17

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55	The effect of peripheral administration of growth hormone on AD-like cognitive deficiency in NBM-lesioned rats. <i>Neuroscience Letters</i> , 2009, 466, 47-51.	1.0	17
56	Calcium channel blockade attenuates abnormal synaptic transmission in the dentate gyrus elicited by entorhinal amyloidopathy. <i>Synapse</i> , 2016, 70, 408-417.	0.6	17
57	Castration Attenuates Myelin Repair Following Lysolecithin Induced Demyelination in Rat Optic Chiasm: An Evaluation Using Visual Evoked Potential, Marker Genes Expression and Myelin Staining. <i>Neurochemical Research</i> , 2011, 36, 1887-1895.	1.6	16
58	Role of orexinergic receptors in the dentate gyrus of the hippocampus in the acquisition and expression of morphine-induced conditioned place preference in rats. <i>Behavioural Brain Research</i> , 2020, 379, 112349.	1.2	16
59	Assessing the long-term role of L-type voltage dependent calcium channel blocker verapamil on short-term presynaptic plasticity at dentate gyrus of hippocampus. <i>Neuroscience Letters</i> , 2007, 415, 174-178.	1.0	15
60	Kindling-induced learning deficiency and possible cellular and molecular involved mechanisms. <i>Neurological Sciences</i> , 2013, 34, 883-890.	0.9	15
61	Collaboration of geldanamycin-activated P70S6K and Hsp70 against beta-amyloid-induced hippocampal apoptosis: an approach to long-term memory and learning. <i>Cell Stress and Chaperones</i> , 2015, 20, 309-319.	1.2	15
62	Inactivation of nucleus incertus impairs passive avoidance learning and long term potentiation of the population spike in the perforant path-dentate gyrus evoked field potentials in rats. <i>Neurobiology of Learning and Memory</i> , 2016, 130, 185-193.	1.0	15
63	Involvement of orexin receptors within the hippocampal dentate gyrus in morphine-induced reinstatement in food-deprived rats. <i>Behavioural Brain Research</i> , 2019, 375, 112155.	1.2	15
64	Repeated administration of pentylenetetrazol alters susceptibility of rat hippocampus to primed-burst stimulation: evidence from in vitro study on CA1 of hippocampal slices. <i>Brain Research</i> , 1996, 738, 138-141.	1.1	14
65	The effect of paxilline on early alterations of electrophysiological properties of dentate gyrus granule cells in pilocarpine-treated rats. <i>Iranian Journal of Pharmaceutical Research</i> , 2014, 13, 125-32.	0.3	13
66	Reversible inactivation of the median raphe nucleus enhances consolidation and retrieval but not acquisition of passive avoidance learning in rats. <i>Brain Research</i> , 1999, 817, 59-66.	1.1	12
67	Dexamethasone mimics the inhibitory effect of chronic pain on the development of tolerance to morphine analgesia and compensates for morphine induced changes in G proteins gene expression. <i>Brain Research</i> , 2006, 1104, 73-79.	1.1	12
68	Cannabinoids and Their Interactions with Diazepam on Modulation of Serum Corticosterone Concentration in Male Mice. <i>Neurochemical Research</i> , 2010, 35, 60-66.	1.6	12
69	Oxytocin protects against 3-NP induced learning and memory impairment in rats: Sex differences in behavioral and molecular responses to the context of prenatal stress. <i>Behavioural Brain Research</i> , 2020, 379, 112354.	1.2	12
70	Improvement in Memory and Brain Long-term Potentiation Deficits Due to Permanent Hypoperfusion/Ischemia by Grape Seed Extract in Rats. <i>Iranian Journal of Basic Medical Sciences</i> , 2013, 16, 1004-10.	1.0	12
71	Nifedipine potentiates antinociceptive effects of morphine in rats by decreasing hypothalamic pituitary adrenal axis activity. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 82, 17-23.	1.3	11
72	Individual Subnuclei of the Rat Anterior Thalamic Nuclei Differently affect Spatial Memory and Passive Avoidance Tasks. <i>Neuroscience</i> , 2020, 444, 19-32.	1.1	11

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73	Bombesin-induced anorexia requires central bombesin receptor activation: independence from interaction with central catecholaminergic systems. <i>Psychopharmacology</i> , 1993, 110, 193-197.	1.5	10
74	Effects of ketamine on synaptic transmission and long-term potentiation in layer II/III of rat visual cortex in vitro. <i>European Journal of Pharmacology</i> , 2000, 390, 287-293.	1.7	10
75	Effect of D-1 or D-2 receptor stimulation on memory retrieval in mice. <i>Journal of Psychopharmacology</i> , 1992, 6, 526-531.	2.0	9
76	Nifedipine suppresses morphine-induced thermal hyperalgesia: Evidence for the role of corticosterone. <i>European Journal of Pharmacology</i> , 2007, 567, 95-101.	1.7	9
77	Post-adrenalectomy changes in the gene expression of specific G-protein subunits involved in morphine sensitization. <i>Neuropeptides</i> , 2008, 42, 169-175.	0.9	9
78	Decrease of high voltage Ca ²⁺ currents in the dentate gyrus granule cells by entorhinal amyloidopathy is reversed by calcium channel blockade. <i>European Journal of Pharmacology</i> , 2017, 794, 154-161.	1.7	9
79	Oxytocin Prevents the Development of 3-NP-Induced Anxiety and Depression in Male and Female Rats: Possible Interaction of OXTR and mGluR2. <i>Cellular and Molecular Neurobiology</i> , 2020, , 1.	1.7	9
80	The locus coeruleus involves in consolidation and memory retrieval, but not in acquisition of inhibitory avoidance learning task. <i>Behavioural Brain Research</i> , 2008, 189, 257-262.	1.2	8
81	Nitric Oxide and Protein Disulfide Isomerase Explain the Complexities of Unfolded Protein Response Following Intra-hippocampal A β Injection. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 873-881.	1.7	8
82	Reversible inactivation of interpeduncular nucleus impairs memory consolidation and retrieval but not learning in rats: A behavioral and molecular study. <i>Behavioural Brain Research</i> , 2018, 342, 79-88.	1.2	8
83	Effects of lidocaine reversible inactivation of the median raphe nucleus on long-term potentiation and recurrent inhibition in the dentate gyrus of rat hippocampus. <i>Brain Research</i> , 2003, 962, 159-168.	1.1	7
84	Measuring the Frequency-Specific Functional Connectivity Using Wavelet Coherence Analysis in Stroke Rats Based on Intrinsic Signals. <i>Scientific Reports</i> , 2020, 10, 9429.	1.6	7
85	Optogenetic stimulation of entorhinal cortex reveals the implication of insulin signaling in adult rat's hippocampal neurogenesis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 111, 110344.	2.5	7
86	Involvement of hypothalamic pituitary adrenal axis on the analgesic cross-tolerance between morphine and nifedipine. <i>Pharmacology Biochemistry and Behavior</i> , 2007, 86, 806-812.	1.3	6
87	Adrenalectomy potentiates the antinociceptive effects of calcium channel blockers. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 92, 327-334.	1.3	6
88	Time-dependent effect of GABA on glucose-stimulated insulin secretion from isolated islets in rat. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2011, 71, 462-466.	0.6	5
89	Overexpression of protein kinase M $\bar{1}\eta$ in the hippocampus mitigates Alzheimer's disease-related cognitive deficit in rats. <i>Brain Research Bulletin</i> , 2021, 166, 64-72.	1.4	5
90	The comparison of the effects of acute and repeated morphine administration on fast synaptic transmission in magnocellular neurons of supraoptic nucleus, plasma vasopressin levels, and urine volume of male rats. <i>Iranian Journal of Pharmaceutical Research</i> , 2014, 13, 975-85.	0.3	5

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91	Effects of reversible inactivation of the medial septal area on long-term potentiation and recurrent inhibition of hippocampal population spikes in rats. <i>Brain Research</i> , 1996, 734, 43-8.	1.1	5
92	Kisspeptin-13 prevented the electrophysiological alterations induced by amyloid-beta pathology in rat: Possible involvement of stromal interaction molecules and pCREB. <i>Brain Research Bulletin</i> , 2022, 184, 13-23.	1.4	5
93	Effects of a nigral descending pathway on cervical spinal cord afferent fibers and interneurons. <i>Experimental Neurology</i> , 1980, 68, 258-268.	2.0	4
94	Kisspeptin-13 Improves Spatial Memory Consolidation and Retrieval against Amyloid- β^2 Pathology. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 169-181.	0.3	4
95	Primed-burst potentiation in adult rat visual cortex in vitro. <i>Developmental Brain Research</i> , 1999, 118, 93-98.	2.1	3
96	Peroxisomal Malfunction Caused by Mitochondrial Toxin 3-NP: Protective Role of Oxytocin. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 296-307.	0.3	2
97	Temporary inactivation of interpeduncular nucleus impairs long but not short term plasticity in the perforant-path dentate gyrus synapses in rats. <i>Behavioural Brain Research</i> , 2020, 377, 112212.	1.2	1
98	Nicotine and morphine interactions; new protocol for morphine dependency in mice. <i>Neuroscience Research</i> , 2007, 58, S65.	1.0	0
99	Effect of interaction between acute administration of morphine and cannabinoid compounds on spontaneous excitatory and inhibitory postsynaptic currents of magnocellular neurons of supraoptic nucleus. <i>Iranian Journal of Basic Medical Sciences</i> , 2016, 19, 676-84.	1.0	0