Yaghoub Fathollahi

List of Publications by Year
in descending order

109	2,223	201385	288905
papers	citations	27 h-index	40 g-index

110	110	110	2175
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Administration of corticosterone after memory reactivation disrupts subsequent retrieval of a contextual conditioned fear memory: Dependence upon training intensity. Neurobiology of Learning and Memory, 2008, 89, 178-184.	1.0	110
2	Intra-Periaqueductal Gray Matter Microinjection of Orexin-A Decreases Formalin-Induced Nociceptive Behaviors in Adult Male Rats. Journal of Pain, 2011, 12, 280-287.	0.7	72
3	Anxiety profile in morphine-dependent and withdrawn rats: Effect of voluntary exercise. Physiology and Behavior, 2012, 105, 195-202.	1.0	71
4	Adenosine A1 and A2A receptors of hippocampal CA1 region have opposite effects on piriform cortex kindled seizures in rats. Seizure: the Journal of the British Epilepsy Association, 2006, 15, 41-48.	0.9	66
5	Voluntary exercise ameliorates cognitive deficits in morphine dependent rats: The role of hippocampal brain-derived neurotrophic factor. Neurobiology of Learning and Memory, 2011, 96, 479-491.	1.0	66
6	The effects of acute restraint stress and dexamethasone on retrieval of long-term memory in rats: an interaction with opiate system. Behavioural Brain Research, 2004, 154, 193-198.	1.2	64
7	Effect of low frequency stimulation on impaired spontaneous alternation behavior of kindled rats in Y-maze test. Epilepsy Research, 2016, 126, 37-44.	0.8	62
8	Post-training administration of corticosterone enhances consolidation of contextual fear memory and hippocampal long-term potentiation in rats. Neurobiology of Learning and Memory, 2009, 91, 260-265.	1.0	61
9	Antinociceptive effect of intra-hippocampal CA1 and dentate gyrus injection of MK801 and AP5 in the formalin test in adult male rats. European Journal of Pharmacology, 2007, 562, 39-46.	1.7	51
10	Dependence on morphine impairs the induction of long-term potentiation in the CA1 region of rat hippocampal slices. Brain Research, 2003, 965, 108-113.	1.1	48
11	Augmentation of LTP induced by Primedâ€“Bursts tetanic stimulation in hippocampal CA1 area of morphine dependent rats. Brain Research, 1997, 769, 119-124.	1.1	47
12	Chronic in vivo morphine administration facilitates primed-bursts-induced long-term potentiation of Schaffer collateralâ€“CA1 synapses in hippocampal slices in vitro. Brain Research, 1999, 815, 419-423.	1.1	47
13	Microinjection of ritanserin into the dorsal hippocampal CA1 and dentate gyrus decrease nociceptive behavior in adult male rat. Behavioural Brain Research, 2006, 168, 221-225.	1.2	45
14	Effect of low frequency stimulation of perforant path on kindling rate and synaptic transmission in the dentate gyrus during kindling acquisition in rats. Epilepsy Research, 2007, 75, 154-161.	0.8	45
15	The role of N-methyl-d-aspartate receptors in synaptic plasticity of rat visual cortex in vitro: effect of sensory experience. Neuroscience Letters, 2001, 306, 149-152.	1.0	42
16	Effect of different patterns of low-frequency stimulation on piriform cortex kindled seizures. Neuroscience Letters, 2007, 425, 162-166.	1.0	42
17	Effects of morphine dependence on the performance of rats in reference and working versions of the water maze. Physiology and Behavior, 2008, 93, 622-627.	1.0	41
18	The role of adenosine A1 receptors in mediating the inhibitory effects of low frequency stimulation of perforant path on kindling acquisition in rats. Neuroscience, 2009, 158, 1632-1643.	1.1	41

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19	Curcuminoids rescue longâ€term potentiation impaired by amyloid peptide in rat hippocampal slices. Synapse, 2011, 65, 572-582.	0.6	40
20	The role of adenosine A1 and A2A receptors of entorhinal cortex on piriform cortex kindled seizures in rats. Pharmacological Research, 2007, 56, 110-117.	3.1	35
21	Association of contextual cues with morphine reward increases neural and synaptic plasticity in the ventral hippocampus of rats. Addiction Biology, 2017, 22, 1883-1894.	1.4	35
22	The role of galanin receptors in anticonvulsant effects of low-frequency stimulation in perforant pathâ€“kindled rats. Neuroscience, 2007, 150, 396-403.	1.1	33
23	Examination of persistent effects of repeated administration of pentylenetrazol on rat hippocampal CA1: evidence from in vitro study on hippocampal slices. Brain Research, 1997, 758, 92-98.	1.1	32
24	Co-treatment with riluzole, a neuroprotective drug, ameliorates the 3-acetylpyridine-induced neurotoxicity in cerebellar Purkinje neurones of rats: Behavioural and electrophysiological evidence. NeuroToxicology, 2009, 30, 393-402.	1.4	32
25	Hippocampal asymmetry: differences in the left and right hippocampus proteome in the rat model of temporal lobe epilepsy. Journal of Proteomics, 2017, 154, 22-29.	1.2	31
26	Involvement of NMDA receptors and voltage-dependent calcium channels on augmentation of long-term potentiation in hippocampal CA1 area of morphine dependent rats. Brain Research, 1998, 804, 125-134.	1.1	29
27	Morphine tolerance and dependence in the nucleus paragigantocellularis: single unit recording study in vivo. Brain Research, 1998, 814, 71-77.	1.1	29
28	Non-selective NSAIDs improve the amyloid-Î²-mediated suppression of memory and synaptic plasticity. Pharmacology Biochemistry and Behavior, 2015, 132, 33-41.	1.3	29
29	Direct Facilitatory Role of Paragigantocellularis Neurons in Opiate Withdrawal-Induced Hyperactivity of Rat Locus Coeruleus Neurons: An In Vitro Study. PLoS ONE, 2015, 10, e0134873.	1.1	28
30	Oct4 transcription factor in conjunction with valproic acid accelerates myelin repair in demyelinated optic chiasm in mice. Neuroscience, 2016, 318, 178-189.	1.1	28
31	Theta pulse stimulation: A natural stimulus pattern can trigger long-term depression but fails to reverse long-term potentiation in morphine withdrawn hippocampus area CA1. Brain Research, 2009, 1296, 1-14.	1.1	27
32	Orexin-A microinjection into the rostral ventromedial medulla causes antinociception on formalin test. Pharmacology Biochemistry and Behavior, 2014, 122, 286-290.	1.3	25
33	Orexin receptor type-1 antagonist SB-334867 inhibits the development of morphine analgesic tolerance in rats. Peptides, 2012, 35, 56-59.	1.2	24
34	Anticonvulsant effect of bilateral injection of N6-cyclohexyladenosine into the CA1 region of the hippocampus in amygdala-kindled rats. Epilepsy Research, 2001, 47, 141-149.	0.8	23
35	Naloxone improves impairment of spatial performance induced by pentylenetetrazol kindling in rats. Neuroscience, 2007, 145, 824-831.	1.1	23
36	Effects of voluntary exercise on hippocampal long-term potentiation in morphine-dependent rats. Neuroscience, 2014, 256, 83-90.	1.1	19

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37	Dependence on morphine leads to a prominent sharing among the different mechanisms of long-term potentiation in the CA1 region of rat hippocampus. Brain Research, 2003, 963, 93-100.	1.1	18
38	Intraperitoneal and intraamygdala N6-cyclohexyladenosine suppress hippocampal kindled seizures in rats. Brain Research, 2000, 858, 48-54.	1.1	17
39	Selegiline is an efficient and potent inducer for bone marrow stromal cell differentiation into neuronal phenotype. Neurological Research, 2010, 32, 185-193.	0.6	17
40	Differential effects of pentylenetetrazol-kindling on long-term potentiation of population excitatory postsynaptic potentials and population spikes in the CA1 region of rat hippocampus. Brain Research, 2001, 898, 82-90.	1.1	16
41	Occurrence of morphine tolerance and dependence in the nucleus paragigantocellularis neurons. European Journal of Pharmacology, 2001, 411, 85-92.	1.7	16
42	Effect of transient hippocampal inhibition on amygdaloid kindled seizures and amygdaloid kindling rate. Brain Research, 2002, 954, 220-226.	1.1	15
43	Long-term potentiation as an electrophysiological assay for morphine dependence and withdrawal in rats: an in vitro study. Journal of Neuroscience Methods, 2003, 124, 189-196.	1.3	15
44	The role of adenosine A1 receptors in the interaction between amygdala and entorhinal cortex of kindled rats. Epilepsy Research, 2005, 65, 1-9.	0.8	15
45	Epileptogenic insult causes a shift in the form of long-term potentiation expression. Neuroscience, 2005, 134, 415-423.	1.1	15
46	Peripheral nerve injury potentiates excitatory synaptic transmission in locus coeruleus neurons. Brain Research Bulletin, 2017, 130, 112-117.	1.4	15
47	Proteomic profiling of the rat hippocampus from the kindling and pilocarpine models of epilepsy: potential targets in calcium regulatory network. Scientific Reports, 2021, 11, 8252.	1.6	15
48	Repeated administration of pentylenetetrazol alters susceptibility of rat hippocampus to primed-burst stimulation: evidence from in vitro study on CA1 of hippocampal slices. Brain Research, 1996, 738, 138-141.	1.1	14
49	Primed-burst potentiation occludes the potentiation phenomenon and enhances the epileptiform activity induced by transient pentylenetetrazol in the CA1 region of rat hippocampal slices. Brain Research, 2000, 877, 176-183.	1.1	14
50	Caffeine increases paragigantocellularis neuronal firing rate and induces withdrawal signs in morphine-dependent rats. European Journal of Pharmacology, 2001, 412, 239-245.	1.7	14
51	Cysteamine pre-treatment reduces pentylenetetrazol-induced plasticity and epileptiform discharge in the CA1 region of rat hippocampal slices. Brain Research, 2002, 955, 98-103.	1.1	14
52	Eugenol depresses synaptic transmission but does not prevent the induction of long-term potentiation in the CA1 region of rat hippocampal slices. Phytomedicine, 2006, 13, 146-151.	2.3	14
53	Anticonvulsant effect of A1 but not A2A adenosine receptors of piriform cortex in amygdala-kindled rats. Canadian Journal of Physiology and Pharmacology, 2007, 85, 606-612.	0.7	14
54	The Role of Piriform Cortex Adenosine A1 Receptors on Hippocampal Kindling. Canadian Journal of Neurological Sciences, 2008, 35, 226-231.	0.3	14

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55	The antiepileptogenic effect of low-frequency stimulation on perforant path kindling involves changes in regulators of G-protein signaling in rat. Journal of the Neurological Sciences, 2017, 375, 450-459.	0.3	14
56	Verapamil enhances acute stress or glucocorticoid-induced deficits in retrieval of long-term memory in rats. Behavioural Brain Research, 2009, 203, 76-80.	1.2	13
57	Morphine deteriorates spatial memory in sodium salicylate treated rats. European Journal of Pharmacology, 2013, 704, 1-6.	1.7	13
58	Prepubertal castration causes the ageâ€dependent changes in hippocampal longâ€term potentiation. Synapse, 2013, 67, 235-244.	0.6	13
59	Exogenous Oct4 in combination with valproic acid increased neural progenitor markers: An approach for enhancing the repair potential of the brain. Life Sciences, 2015, 122, 108-115.	2.0	13
60	Modulating proteoglycan receptor PTPÏƒ using intracellular sigma peptide improves remyelination and functional recovery in mice with demyelinated optic chiasm. Molecular and Cellular Neurosciences, 2019, 99, 103391.	1.0	13
61	Contribution of ionotropic glutamate receptors and voltage-dependent calcium channels to the potentiation phenomenon induced by transient pentylenetetrazol in the CA1 region of rat hippocampal slices. Brain Research, 2003, 959, 173-181.	1.1	12
62	Epinephrine inhibits analgesic tolerance to intrathecal administrated morphine and increases the expression of calciumâ€“calmodulin-dependent protein kinase IIÎ±. Neuroscience Letters, 2008, 430, 213-217.	1.0	12
63	Prepubertal castration-associated developmental changes in sigma-1 receptor gene expression levels regulate hippocampus area CA1 activity during adolescence. Hippocampus, 2016, 26, 933-946.	0.9	12
64	Tail flick modification of orexin-a induced changes of electrophysiological parameters in the rostral ventromedial medulla. Cell Journal, 2014, 16, 131-40.	0.2	12
65	In vivo sodium salicylate causes tolerance to acute morphine exposure and alters the ability of high frequency stimulation to induce long-term potentiation in hippocampus area CA1. European Journal of Pharmacology, 2011, 670, 487-494.	1.7	11
66	Pre-pubertal castration improves spatial learning during mid-adolescence in rats. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2013, 46, 105-112.	2.5	11
67	Impairment of spatial memory and dorsal hippocampal synaptic plasticity in adulthood due to adolescent morphine exposure. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2022, 116, 110532.	2.5	11
68	Influence of Different Adrenoceptor Agonists and Antagonists on Physostigmine-Induced Yawning in Rats. Pharmacology Biochemistry and Behavior, 1999, 62, 1-5.	1.3	10
69	Effects of Adrenoceptor Agents on Apomorphine-Induced Licking Behavior in Rats. Pharmacology Biochemistry and Behavior, 2000, 65, 275-279.	1.3	10
70	Effects of ketamine on synaptic transmission and long-term potentiation in layer II/III of rat visual cortex in vitro. European Journal of Pharmacology, 2000, 390, 287-293.	1.7	10
71	Differential effect of dark rearing on long-term potentiation induced by layer IV and white matter stimulation in rat visual cortex. Neuroscience Research, 2000, 38, 349-356.	1.0	10
72	Deep brain stimulation restores the glutamatergic and GABAergic synaptic transmission and plasticity to normal levels in kindled rats. PLoS ONE, 2019, 14, e0224834.	1.1	10

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73	Systemic naloxone enhances cerebral blood flow in anesthetized morphine-dependent rats. European Journal of Pharmacology, 2000, 408, 299-304.	1.7	9
74	The ability of hippocampal CA1 area for induction of long-term potentiation is persistently reduced by prior treatment with cysteamine: an in vitro study. Neuropeptides, 2002, 36, 263-270.	0.9	9
75	Reversal of pentylenetetrazol-induced potentiation phenomenon by theta pulse stimulation in the CA1 region of rat hippocampal slices. Synapse, 2003, 50, 83-94.	0.6	9
76	The interaction between ketamine and some crown ethers in common organic solvents studied by NMR: The effect of donating atoms and ligand structure. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2006, 63, 370-376.	2.0	9
77	Single whisker experience started on postnatal days 0, 5 or 8 changes temporal characteristics of response integration in layers IV and V of rat barrel cortex neurons. Brain Research Bulletin, 2007, 74, 29-36.	1.4	9
78	Epileptogenic insult alters endogenous adenosine control on longâ€term changes in synaptic strength by theta pattern stimulation in hippocampus area CA1. Synapse, 2011, 65, 189-197.	0.6	9
79	The chronic treatment in vivo of salicylate or morphine alters excitatory effects of subsequent salicylate or morphine tests in vitro in hippocampus area CA1. European Journal of Pharmacology, 2013, 721, 103-108.	1.7	9
80	The role of dopamine D2-like receptors in a â€œdepotentiation-like effectâ€•of deep brain stimulation in kindled rats. Brain Research, 2020, 1738, 146820.	1.1	9
81	Spatial Learning and Memory in Barnes Maze Test and Synaptic Potentiation in Schaffer Collateral-CA1 Synapses of Dorsal Hippocampus in Freely Moving Rats. Basic and Clinical Neuroscience, 2019, 10, 461-468.	0.3	9
82	Interaction of adenosine and naloxone on regional cerebral blood flow in morphine-dependent rats. Brain Research, 2006, 1084, 61-66.	1.1	8
83	Amygdala adenosine A1 receptors have no anticonvulsant effect on piriform cortex-kindled seizures in rat. Canadian Journal of Physiology and Pharmacology, 2006, 84, 913-921.	0.7	8
84	The locus coeruleus noradrenergic system gates deficits in visual attention induced by chronic pain. Behavioural Brain Research, 2020, 387, 112600.	1.2	8
85	Enhancing Hippocampal Neuronal Numbers in Morphine-Dependent Rats by Voluntary Exercise Through a Brain-Derived Neurotrophic Factor-Mediated Mechanism. Middle East Journal of Rehabilitation and Health Studies, 2015, 2, .	0.1	8
86	Effects of lidocaine reversible inactivation of the median raphe nucleus on long-term potentiation and recurrent inhibition in the dentate gyrus of rat hippocampus. Brain Research, 2003, 962, 159-168.	1.1	7
87	Chronic sodium salicylate administration enhances population spike long-term potentiation following a combination of theta frequency primed-burst stimulation and the transient application of pentylenetetrazol in rat CA1 hippocampal neurons. European Journal of Pharmacology, 2015, 767, 165-174.	1.7	7
88	Anticonvulsant effects of N6-cyclohexyladenosine microinjected into the CA1 region of the hippocampus on entorhinal cortex-kindled seizures in rats. Epileptic Disorders, 2006, 8, 259-66.	0.7	7
89	Changes in neuromodulatory effect of adenosine A1 receptors on piriform cortex field potentials in amygdala kindled rats. European Journal of Pharmacology, 2007, 565, 60-67.	1.7	6
90	Low-Frequency Electrical Stimulation Reduces the Impairment in Synaptic Plasticity Following Epileptiform Activity in Rat Hippocampal Slices through Î±1, But Not Î±2, Adrenergic Receptors. Neuroscience, 2019, 406, 176-185.	1.1	6

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91	Orexin-a modulates firing of rat rostral ventromedial medulla neurons: an in vitro study. Cell Journal, 2015, 17, 163-70.	0.2	6
92	Do Ca2+ channels share NMDA receptors in plasticity of synaptic transmission in the rat visual cortex?. NeuroReport, 2000, 11, 3887-3891.	0.6	5
93	Microinjection of ritanserin into the CA1 region of hippocampus improves scopolamine-induced amnesia in adult male rats. Behavioural Brain Research, 2006, 168, 215-220.	1.2	5
94	CD38 and MGluR1 as possible signaling molecules involved in epileptogenesis: A potential role for NAD+ homeostasis. Brain Research, 2021, 1765, 147509.	1.1	5
95	Offsetting of aberrations associated with seizure proneness in rat hippocampus area CA1 by theta pulse stimulationâ€“induced activity pattern. Neuroscience, 2007, 149, 518-526.	1.1	4
96	Alpha adrenergic receptors have role in the inhibitory effect of electrical low frequency stimulation on epileptiform activity in rats. International Journal of Neuroscience, 2023, 133, 496-504.	0.8	4
97	Unconditioned and learned morphine tolerance influence hippocampal-dependent short-term memory and the subjacent expression of GABA-A receptor alpha subunits. PLoS ONE, 2021, 16, e0253902.	1.1	4
98	Primed-burst potentiation in adult rat visual cortex in vitro. Developmental Brain Research, 1999, 118, 93-98.	2.1	3
99	Orexin A modulates rostral ventromedial medulla neuronal activity of rat in vitro. Neuroscience Research, 2010, 68, e102.	1.0	3
100	Repetitive systemic morphine alters activityâ€dependent plasticity of schafferâ€“collateralâ€“CA1 pyramidal cell synapses: Involvement of adenosine A1 receptors and adenosine deaminase. Journal of Neuroscience Research, 2014, 92, 1395-1408.	1.3	3
101	RESPONSIVENESS OF VASCULAR ALPHA 1-ADRENOCEPTORS OF DIABETIC RAT KNEE JOINT TO PHENYLEPHRINE IN ACUTE INFLAMMATION. Journal of Basic and Clinical Physiology and Pharmacology, 2005, 16, 301-309.	0.7	2
102	Morphine dependence increases the response to a brief pentylenetetrazol administration in rat hippocampal CA1 in vitro. Epilepsia, 2009, 50, 789-800.	2.6	2
103	The role of Î± adrenergic receptors in mediating the inhibitory effect of electrical brain stimulation on epileptiform activity in rat hippocampal slices. Brain Research, 2021, 1765, 147492.	1.1	2
104	Primed-bursts induced long-term potentiation in rat visual cortex: effects of dark-rearing. Brain Research, 1999, 851, 148-153.	1.1	1
105	Long-term potentiation enhancing effect of epileptic insult in the CA1 area is dependent on prior-application of primed-burst stimulation. Experimental Brain Research, 2020, 238, 897-903.	0.7	1
106	Effects of Low Frequency Stimulation on Spontaneous Inhibitory and Excitatory Post-Synaptic Currents in Hippocampal CA1 Pyramidal Cells of Kindled Rats. Cell Journal, 2017, 18, 547-555.	0.2	1
107	Assessing information of soleous and gastrocnemius motor unit H-reflex response to paired stimulation. Electromyography and Clinical Neurophysiology, 2004, 44, 401-8.	0.2	1
108	Visual deprivation increases capability of layer II/III for epileptiform activity in the rat visual cortical slices. Developmental Brain Research, 1999, 117, 153-157.	2.1	0

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109	A rapid and non leaky way for preparation of the sharp intracellular recording microelectrodes. Journal of Proteomics, 2008, 70, 1124-1129.	2.4	0