

# Mohammad-Reza Zarrindast

## List of Publications by Year in descending order

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492  
papers

9,426  
citations

61984

43  
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144013

57  
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497  
all docs

497  
docs citations

497  
times ranked

6464  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcranial electrical and magnetic stimulation (tES and TMS) for addiction medicine: A consensus paper on the present state of the science and the road ahead. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 104, 118-140.	6.1	198
2	Morphine state-dependent learning: sensitization and interactions with dopamine receptors. <i>European Journal of Pharmacology</i> , 2004, 497, 197-204.	3.5	109
3	Involvement of Dopamine Receptors of the Dorsal Hippocampus on the Acquisition and Expression of Morphine-Induced Place Preference in Rats. <i>Journal of Psychopharmacology</i> , 2003, 17, 415-423.	4.0	99
4	Scopolamine induced memory impairment; possible involvement of NMDA receptor mechanisms of dorsal hippocampus and/or septum. <i>Behavioural Brain Research</i> , 2012, 231, 1-10.	2.2	91
5	The Modulatory Role of Dopamine in Anxiety-like Behavior. <i>Archives of Iranian Medicine</i> , 2015, 18, 591-603.	0.6	88
6	Involvement of dopamine D2 receptors of the central amygdala on the acquisition and expression of morphine-induced place preference in rat. <i>Pharmacology Biochemistry and Behavior</i> , 2002, 74, 187-197.	2.9	73
7	Nicotine attenuates naloxone-induced jumping behaviour in morphine-dependent mice. <i>European Journal of Pharmacology</i> , 1996, 298, 1-6.	3.5	71
8	Involvement of opioidergic system of the ventral hippocampus, the nucleus accumbens or the central amygdala in anxiety-related behavior. <i>Life Sciences</i> , 2008, 82, 1175-1181.	4.3	71
9	Cross-tolerance between morphine- and nicotine-induced conditioned place preference in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2003, 74, 363-369.	2.9	68
10	ROLE OF DORSAL HIPPOCAMPAL CANNABINOID RECEPTORS AND NITRIC OXIDE IN ANXIETY LIKE BEHAVIOURS IN RATS USING THE ELEVATED PLUS-MAZE TEST. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2007, 34, 223-229.	1.9	68
11	Involvement of dopamine D1 receptors of the central amygdala on the acquisition and expression of morphine-induced place preference in rat. <i>Brain Research</i> , 2003, 965, 212-221.	2.2	67
12	Septo-hippocampo-septal loop and memory formation. <i>Basic and Clinical Neuroscience</i> , 2013, 4, 5-23.	0.6	66
13	Cholecystokinin and GABA interaction in the dorsal hippocampus of rats in the elevated plus-maze test of anxiety. <i>Physiology and Behavior</i> , 2005, 84, 775-782.	2.1	65
14	Morphine-induced place preference: Involvement of cholinergic receptors of the ventral tegmental area. <i>European Journal of Pharmacology</i> , 2007, 562, 92-102.	3.5	61
15	The development of cross-tolerance between morphine and nicotine in mice. <i>European Neuropsychopharmacology</i> , 1999, 9, 227-233.	0.7	59
16	The Effects of Adenosine Receptor Agonists and Antagonists on Morphine State-Dependent Memory of Passive Avoidance. <i>Neurobiology of Learning and Memory</i> , 2002, 78, 390-405.	1.9	59
17	The effect of l-NAME and l-arginine on impairment of memory formation and state-dependent learning induced by morphine in mice. <i>Psychopharmacology</i> , 2003, 167, 291-296.	3.1	59
18	Cannabinoid CB1 receptors of the rat central amygdala mediate anxiety-like behavior: interaction with the opioid system. <i>Behavioural Pharmacology</i> , 2008, 19, 716-723.	1.7	59

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19	Protective role of Apelin-13 on amyloid $\beta$ 25-35-induced memory deficit; Involvement of autophagy and apoptosis process. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 89, 322-334.	4.8	59
20	GABAA but not GABAB receptor stimulation induces antianxiety profile in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2001, 69, 9-15.	2.9	58
21	Morphine sex-dependently induced place conditioning in adult Wistar rats. <i>European Journal of Pharmacology</i> , 2008, 582, 78-87.	3.5	58
22	Effect of Intra-Amygdala Injection of Nicotine and GABA Receptor Agents on Anxiety-Like Behaviour in Rats. <i>Pharmacology</i> , 2008, 82, 276-284.	2.2	57
23	Effects of nicotine on memory retrieval in mice. <i>European Journal of Pharmacology</i> , 1996, 295, 1-6.	3.5	56
24	Effects of morphine on rat behaviour in the elevated plus maze: The role of central amygdala dopamine receptors. <i>Behavioural Brain Research</i> , 2009, 202, 171-178.	2.2	56
25	Effect of imipramine on the expression and acquisition of morphine-induced conditioned place preference in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2002, 73, 941-949.	2.9	55
26	GABAA receptors in the basolateral amygdala are involved in mediating morphine reward. <i>Brain Research</i> , 2004, 1006, 49-58.	2.2	55
27	Effects of GABAergic system on naloxone-induced jumping in morphine-dependent mice. <i>European Journal of Pharmacology</i> , 1999, 381, 129-133.	3.5	54
28	Effects of cannabinoids infused into the dorsal hippocampus upon memory formation in 3-days apomorphine-treated rats. <i>Neurobiology of Learning and Memory</i> , 2009, 92, 391-399.	1.9	54
29	Effects of histamine and cholinergic systems on memory retention of passive avoidance learning in rats. <i>European Journal of Pharmacology</i> , 2003, 465, 91-96.	3.5	53
30	Role of nitric oxide in the rat hippocampal CA1 area on morphine-induced conditioned place preference. <i>European Journal of Pharmacology</i> , 2002, 449, 113-119.	3.5	52
31	Involvement of D1 and D2 dopamine receptors in the antidepressant-like effects of selegiline in maternal separation model of mouse. <i>Physiology and Behavior</i> , 2016, 163, 107-114.	2.1	52
32	Involvement of adrenergic and cholinergic systems in nicotine-induced angiogenesis in mice. <i>European Journal of Pharmacology</i> , 2000, 407, 145-158.	3.5	51
33	Effects of histamine and opioid systems on memory retention of passive avoidance learning in rats. <i>European Journal of Pharmacology</i> , 2002, 452, 193-197.	3.5	51
34	Dorsal hippocampal muscarinic and nicotinic receptors are involved in mediating morphine reward. <i>Behavioural Brain Research</i> , 2006, 166, 281-290.	2.2	50
35	Involvement of dopamine D1/D2 receptors on harmaline-induced amnesia in the step-down passive avoidance test. <i>European Journal of Pharmacology</i> , 2010, 634, 77-83.	3.5	49
36	Involvement of dorsal hippocampal $\alpha$ -adrenergic receptors in the effect of scopolamine on memory retrieval in inhibitory avoidance task. <i>Neurobiology of Learning and Memory</i> , 2010, 93, 455-462.	1.9	49

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37	Influence of intracerebroventricular administration of dopaminergic drugs on morphine state-dependent memory in the step-down passive avoidance test. <i>Neurobiology of Learning and Memory</i> , 2006, 86, 286-292.	1.9	48
38	Morphine-induced place preference: Involvement of the central amygdala NMDA receptors. <i>Brain Research</i> , 2007, 1133, 34-41.	2.2	47
39	Morphine-induced impairment of spatial memory acquisition reversed by morphine sensitization in rats. <i>Behavioural Brain Research</i> , 2010, 211, 156-163.	2.2	47
40	Ethanol state-dependent memory: Involvement of dorsal hippocampal muscarinic and nicotinic receptors. <i>Neurobiology of Learning and Memory</i> , 2008, 89, 441-447.	1.9	46
41	Differential role of the basolateral amygdala 5-HT <sub>3</sub> and 5-HT <sub>4</sub> serotonin receptors upon ACPA-induced anxiolytic-like behaviors and emotional memory deficit in mice. <i>Behavioural Brain Research</i> , 2014, 261, 114-126.	2.2	46
42	Dopamine receptor mechanism(s) and morphine tolerance in mice. <i>Journal of Psychopharmacology</i> , 2002, 16, 261-266.	4.0	45
43	Involvement of the ventral tegmental area (VTA) in morphine-induced memory retention in morphine-sensitized rats. <i>Behavioural Brain Research</i> , 2005, 163, 100-106.	2.2	45
44	The effects of dopaminergic drugs in the ventral hippocampus of rats in the nicotine-induced anxiogenic-like response. <i>Neuroscience Letters</i> , 2010, 475, 156-160.	2.1	45
45	Intracerebroventricular Effects of Histaminergic Agents on Morphine-Induced Anxiolysis in the Elevated Plus-Maze in Rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2005, 97, 276-281.	2.5	43
46	Influence of nitric oxide on morphine-induced conditioned place preference in the rat central amygdala. <i>European Journal of Pharmacology</i> , 2002, 453, 81-89.	3.5	42
47	Repetitive transcranial magnetic stimulation of the dorsolateral prefrontal cortex enhances working memory. <i>Experimental Brain Research</i> , 2016, 234, 1807-1818.	1.5	42
48	Effects of adenosine receptor agonists and antagonists on acquisition of passive avoidance learning. <i>European Journal of Pharmacology</i> , 1994, 256, 233-239.	3.5	41
49	Cognitive impairments and neuronal injury in different brain regions of a genetic rat model of absence epilepsy. <i>Neuroscience</i> , 2015, 298, 161-170.	2.3	41
50	Role of the cholinergic system in the rat basolateral amygdala on morphine-induced conditioned place preference. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 82, 1-10.	2.9	40
51	INVOLVEMENT OF NMDA RECEPTORS IN MORPHINE STATE-DEPENDENT LEARNING IN MICE. <i>International Journal of Neuroscience</i> , 2006, 116, 731-743.	1.6	40
52	GABAA receptors of hippocampal CA1 regions are involved in the acquisition and expression of morphine-induced place preference. <i>European Neuropsychopharmacology</i> , 2007, 17, 24-31.	0.7	40
53	Nicotine improves morphine-induced impairment of memory: Possible involvement of N-methyl-D-aspartate receptors in the nucleus accumbens. <i>Developmental Neurobiology</i> , 2007, 67, 1118-1127.	3.0	40
54	Dorsal hippocampal opioidergic system modulates anxiety-like behaviors in adult male Wistar rats. <i>Psychiatry and Clinical Neurosciences</i> , 2010, 64, 634-641.	1.8	40

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55	D1 and D2 dopaminergic systems in the rat basolateral amygdala are involved in anxiogenic-like effects induced by histamine. <i>Journal of Psychopharmacology</i> , 2012, 26, 564-574.	4.0	40
56	CCK receptor activation may prevent tolerance to morphine in mice. <i>European Journal of Pharmacology</i> , 1994, 254, 21-26.	3.5	39
57	Role of nitric oxide in the acquisition and expression of apomorphine- or morphine-induced locomotor sensitization. <i>European Journal of Pharmacology</i> , 2003, 482, 205-213.	3.5	39
58	Involvement of GABAB receptors of the dorsal hippocampus on the acquisition and expression of morphine-induced place preference in rats. <i>Physiology and Behavior</i> , 2006, 87, 31-38.	2.1	39
59	Cocaine- and amphetamine-regulated transcript (CART): A multifaceted neuropeptide. <i>Peptides</i> , 2018, 110, 56-77.	2.4	39
60	Morphine stimulates locomotor activity by an indirect dopaminergic mechanism: Possible D-1 and D-2 receptor involvement. <i>General Pharmacology</i> , 1992, 23, 1221-1225.	0.7	38
61	Nitric oxide mediation of morphine-induced place preference in the nucleus accumbens of rat. <i>European Journal of Pharmacology</i> , 2002, 449, 269-277.	3.5	38
62	Dorsal hippocampal dopamine receptors are involved in mediating ethanol state-dependent memory. <i>Life Sciences</i> , 2007, 80, 285-292.	4.3	38
63	Influence of intracerebral administration of NO agents in dorsal hippocampus (CA1) on cannabinoid state-dependent memory in the step-down passive avoidance test. <i>Physiology and Behavior</i> , 2010, 100, 297-304.	2.1	38
64	Nicotinic acetylcholine receptors of the dorsal hippocampus and the basolateral amygdala are involved in ethanol-induced conditioned place preference. <i>Neuroscience</i> , 2010, 168, 505-513.	2.3	37
65	Involvement of the cholinergic system of CA1 on harmaline-induced amnesia in the step-down passive avoidance test. <i>Journal of Psychopharmacology</i> , 2012, 26, 1151-1161.	4.0	37
66	Effect of rat parental morphine exposure on passive avoidance memory and morphine conditioned place preference in male offspring. <i>Physiology and Behavior</i> , 2018, 184, 143-149.	2.1	37
67	Nicotinic acetylcholine receptors of the ventral tegmental area are involved in mediating morphine-state-dependent learning. <i>Neurobiology of Learning and Memory</i> , 2008, 90, 255-260.	1.9	36
68	Possible interaction of cholinergic and GABAergic systems between MS and CA1 upon memory acquisition in rats. <i>Behavioural Brain Research</i> , 2012, 235, 231-243.	2.2	36
69	Influence of nitric oxide on morphine-induced amnesia and interactions with dopaminergic receptor agents. <i>Physiology and Behavior</i> , 2006, 88, 124-131.	2.1	35
70	Involvement of dorsal hippocampal nicotinic receptors in the effect of morphine on memory retrieval in passive avoidance task. <i>European Journal of Pharmacology</i> , 2008, 584, 343-351.	3.5	35
71	Morphine-Induced Behavioral Sensitization Increased the mRNA Expression of NMDA Receptor Subunits in the Rat Amygdala. <i>Pharmacology</i> , 2008, 81, 333-343.	2.2	35
72	Involvement of the CA1 GABAA receptors in ACPA-induced impairment of spatial and non-spatial novelty detection in mice. <i>Neurobiology of Learning and Memory</i> , 2013, 100, 32-40.	1.9	35

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73	Opposite influences of dopaminergic receptor subtypes on penile erection. <i>General Pharmacology</i> , 1992, 23, 671-675.	0.7	34
74	The role of alpha-adrenoceptor mechanism(s) in morphine-induced conditioned place preference in female mice. <i>Pharmacology Biochemistry and Behavior</i> , 2004, 78, 135-141.	2.9	34
75	GABAergic system and imipramine-induced impairment of memory retention in rats. <i>European Neuropsychopharmacology</i> , 2004, 14, 59-64.	0.7	34
76	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.	3.5	34
77	Influence of three-day morphine-treatment upon impairment of memory consolidation induced by cannabinoid infused into the dorsal hippocampus in rats. <i>Neuroscience Research</i> , 2011, 69, 51-59.	1.9	34
78	The effects of dopaminergic drugs in the dorsal hippocampus of mice in the nicotine-induced anxiogenic-like response. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 98, 468-473.	2.9	34
79	Effects of dopaminergic agents on antinociception in formalin test. <i>General Pharmacology</i> , 1999, 32, 517-522.	0.7	33
80	Nitric oxide within the ventral tegmental area is involved in mediating morphine reward. <i>European Journal of Pharmacology</i> , 2003, 458, 119-128.	3.5	33
81	Effect of the GABAergic System on Memory Formation and State-Dependent Learning Induced by Morphine in Rats. <i>Pharmacology</i> , 2006, 76, 93-100.	2.2	33
82	Modulation of morphine state-dependent learning by muscarinic cholinergic receptors of the ventral tegmental area. <i>Physiology and Behavior</i> , 2008, 94, 604-610.	2.1	33
83	Blockade of dorsal hippocampal dopamine receptors inhibits state-dependent learning induced by cannabinoid receptor agonist in mice. <i>Neuroscience Research</i> , 2010, 67, 25-32.	1.9	33
84	Is the Nociception Mechanism Altered in Offspring of Morphine-Abstinent Rats?. <i>Journal of Pain</i> , 2018, 19, 529-541.	1.4	33
85	The possible cross-tolerance between morphine- and nicotine-induced hypothermia in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2001, 68, 283-289.	2.9	32
86	The effects of histaminergic agents in the dorsal hippocampus of rats in the elevated plus-maze test of anxiety. <i>Pharmacology Biochemistry and Behavior</i> , 2006, 85, 500-506.	2.9	32
87	Anxiolytic-like effect induced by the cannabinoid CB1 receptor agonist, arachydonilcyclopropylamide (ACPA), in the rat amygdala is mediated through the D1 and D2 dopaminergic systems. <i>Journal of Psychopharmacology</i> , 2011, 25, 131-140.	4.0	32
88	NMDA receptors are involved in the antidepressant-like effects of capsaicin following amphetamine withdrawal in male mice. <i>Neuroscience</i> , 2016, 329, 122-133.	2.3	32
89	Role of Ventral Hippocampal GABA and NMDA Receptors in the Anxiolytic Effect of Carbamazepine in Rats Using the Elevated Plus Maze Test. <i>Pharmacology</i> , 2009, 84, 356-366.	2.2	31
90	Nicotine improves ethanol-induced memory impairment: The role of dorsal hippocampal NMDA receptors. <i>Life Sciences</i> , 2010, 86, 260-266.	4.3	31

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91	Cross state-dependency of learning between WIN55, 212-2 and scopolamine in rat dorsal hippocampus. <i>Neuroscience Letters</i> , 2011, 491, 227-231.	2.1	31
92	Possible interaction between opioidergic and cholinergic systems of CA1 in cholestasis-induced amnesia in mice. <i>Behavioural Brain Research</i> , 2012, 228, 116-124.	2.2	31
93	Effects of adenosine receptor agents on the expression of morphine withdrawal in mice. <i>European Journal of Pharmacology</i> , 1999, 369, 17-22.	3.5	30
94	The effects of nitric oxide on the acquisition and expression of nicotine-induced conditioned place preference in mice. <i>European Journal of Pharmacology</i> , 2004, 503, 81-87.	3.5	30
95	The effects of histaminergic agents in the central amygdala of rats in the elevated plus-maze test of anxiety. <i>Behavioural Pharmacology</i> , 2005, 16, 643-649.	1.7	30
96	Repeated pre-exposure to morphine into the ventral pallidum enhances morphine-induced place preference: Involvement of dopaminergic and opioidergic mechanisms. <i>Behavioural Brain Research</i> , 2007, 181, 35-41.	2.2	30
97	Anxiety-like behavior induced by histaminergic agents can be prevented by cannabinoidergic WIN55,212-2 injected into the dorsal hippocampus in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 94, 387-396.	2.9	30
98	Influence of N-methyl D-aspartate receptor mechanism on WIN55,212-2-induced amnesia in rat dorsal hippocampus. <i>Behavioural Pharmacology</i> , 2011, 22, 645-654.	1.7	30
99	Nitric oxide in the nucleus accumbens is involved in retrieval of inhibitory avoidance memory by nicotine. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 101, 166-173.	2.9	30
100	Ketamine-induced antidepressant like effects in mice: A possible involvement of cannabinoid system. <i>Biomedicine and Pharmacotherapy</i> , 2019, 112, 108717.	5.6	30
101	The role of glutamatergic pathway between septum and hippocampus in the memory formation. <i>EXCLI Journal</i> , 2013, 12, 41-51.	0.7	30
102	The effects of histaminergic agents in the ventral hippocampus of rats in the plus-maze test of anxiety-like behaviours. <i>Physiology and Behavior</i> , 2006, 87, 891-896.	2.1	29
103	Influence of intracerebroventricular administration of cannabinergic drugs on morphine state-dependent memory in the step-down passive avoidance test. <i>Behavioural Pharmacology</i> , 2006, 17, 231-237.	1.7	29
104	Nitric oxide modulates state dependency induced by lithium in an inhibitory avoidance task in mice. <i>Behavioural Pharmacology</i> , 2007, 18, 289-295.	1.7	29
105	Post-training intrahippocampal infusion of nicotine+nicotinic combination causes a synergistic enhancement effect on spatial memory retention in rats. <i>European Journal of Pharmacology</i> , 2007, 562, 212-220.	3.5	29
106	Inhibitory avoidance memory deficit induced by scopolamine: Interaction of cholinergic and glutamatergic systems in the ventral tegmental area. <i>Neurobiology of Learning and Memory</i> , 2010, 94, 83-90.	1.9	29
107	Functional interaction between morphine and central amygdala cannabinoid CB1 receptors in the acquisition and expression of conditioned place preference. <i>Behavioural Brain Research</i> , 2011, 220, 1-8.	2.2	29
108	Activation of dopamine D1 receptors in the medial septum improves scopolamine-induced amnesia in the dorsal hippocampus. <i>Behavioural Brain Research</i> , 2012, 229, 68-73.	2.2	29

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109	Synergistic effects between CA1 mu opioid and dopamine D1-like receptors in impaired passive avoidance performance induced by hepatic encephalopathy in mice. <i>Psychopharmacology</i> , 2013, 227, 553-566.	3.1	29
110	Blockade of the dorsal hippocampal dopamine D1 receptors inhibits the scopolamine-induced state-dependent learning in rats. <i>Neuroscience</i> , 2013, 252, 460-467.	2.3	29
111	Morphine exposure before conception affects anxiety-like behavior and CRF level (in the CSF and) Tj ETQq1 1 0.784314 rgBT /Overloc	3.0	29
112	Verapamil Inhibits Mitochondria-Induced Reactive Oxygen Species and Dependent Apoptosis Pathways in Cerebral Transient Global Ischemia/Reperfusion. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	4.0	29
113	The influence of NMDA receptor agonist and antagonist on morphine state-dependent memory of passive avoidance in mice. <i>Life Sciences</i> , 2005, 78, 157-163.	4.3	28
114	Cannabinoid CB1 receptors of the dorsal hippocampus are important for induction of conditioned place preference (CPP) but do not change morphine CPP. <i>Brain Research</i> , 2007, 1163, 130-137.	2.2	28
115	DECREASED AMPA GLuR2, BUT NOT GLuR3, mRNA EXPRESSION IN RAT AMYGDALA AND DORSAL HIPPOCAMPUS FOLLOWING MORPHINE-INDUCED BEHAVIOURAL SENSITIZATION. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2008, 35, 1321-1330.	1.9	28
116	GABAB receptors within the ventral tegmental area are involved in the expression and acquisition of morphine-induced place preference in morphine-sensitized rats. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 91, 409-416.	2.9	28
117	Effects of opioidergic systems upon anxiolytic-like behaviors induced in cholestatic rats. <i>European Journal of Pharmacology</i> , 2011, 670, 180-185.	3.5	28
118	Involvement of the CA1 GABAA receptors in MK-801-induced anxiolytic-like effects. <i>Behavioural Pharmacology</i> , 2014, 25, 197-205.	1.7	28
119	Inhibition of morphine-induced amnesia in morphine-sensitized mice: Involvement of dorsal hippocampal GABAergic receptors. <i>Neuropharmacology</i> , 2008, 54, 569-576.	4.1	27
120	Involvement of dorsal hippocampal $\beta$ 1-adrenergic receptors in the effect of WIN55,212-2 on memory retrieval in inhibitory avoidance task. <i>Neuroscience Letters</i> , 2011, 489, 69-73.	2.1	27
121	Deferoxamine Preconditioning of Neural-Like Cells Derived from Human Wharton's Jelly Mesenchymal Stem Cells as a Strategy to Promote Their Tolerance and Therapeutic Potential: An In Vitro Study. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 689-700.	3.3	27
122	&lt;p&gt;Benefit effect of REM-sleep deprivation on memory impairment induced by intensive exercise in male wistar rats: with respect to hippocampal BDNF and TrkB&lt;/p&gt;. <i>Nature and Science of Sleep</i> , 2019, Volume 11, 179-188.	2.7	27
123	Effects of nitric oxide on morphine self-administration in rat. <i>Pharmacology Biochemistry and Behavior</i> , 2004, 77, 111-116.	2.9	26
124	Repeated administration of dopaminergic agents in the nucleus accumbens and morphine-induced place preference. <i>Behavioural Brain Research</i> , 2006, 169, 248-255.	2.2	26
125	Morphine-induced sensitization in mice: changes in locomotor activity by prior scheduled exposure to GABAA receptor agents. <i>Behavioural Pharmacology</i> , 2007, 18, 303-310.	1.7	26
126	N-Methyl-d-aspartate receptors in the ventral tegmental area are involved in retrieval of inhibitory avoidance memory by nicotine. <i>Neurobiology of Learning and Memory</i> , 2007, 88, 352-358.	1.9	26



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127	GABA and Histamine Interaction in the Basolateral Amygdala of Rats in the Plus-Maze Test of Anxiety-Like Behaviors. <i>Pharmacology</i> , 2008, 82, 59-66.	2.2	26
128	Nitric oxide in the ventral tegmental area is involved in retrieval of inhibitory avoidance memory by nicotine. <i>Neuroscience</i> , 2011, 175, 154-161.	2.3	26
129	Involvement of rat dopaminergic system of nucleus accumbens in nicotine-induced anxiogenic-like behaviors. <i>Brain Research</i> , 2012, 1460, 25-32.	2.2	26
130	Dorsal hippocampal cannabinoid CB1 receptors mediate the interactive effects of nicotine and ethanol on passive avoidance learning in mice. <i>Addiction Biology</i> , 2013, 18, 241-251.	2.6	26
131	Effects of GABA-ergic drugs on penile erection induced by apomorphine in rats. <i>Psychopharmacology</i> , 1994, 115, 249-253.	3.1	25
132	Nicotine potentiates morphine antinociception: a possible cholinergic mechanism. <i>European Neuropsychopharmacology</i> , 1996, 6, 127-133.	0.7	25
133	GABAB receptor mechanism and imipramine-induced antinociception in ligated and non-ligated mice. <i>European Journal of Pharmacology</i> , 2000, 407, 65-72.	3.5	25
134	Effect of intracerebroventricular injection of GABA receptor agents on morphine-induced antinociception in the formalin test. <i>Journal of Psychopharmacology</i> , 2002, 16, 85-91.	4.0	25
135	The effects of dopamine receptor agents on naloxone-induced jumping behaviour in morphine-dependent mice. <i>European Journal of Pharmacology</i> , 2002, 451, 287-293.	3.5	25
136	The influence of central administration of dopaminergic and cholinergic agents on morphine-induced amnesia in morphine-sensitized mice. <i>Journal of Psychopharmacology</i> , 2006, 20, 59-66.	4.0	25
137	Antinociceptive effect of spinally administered cannabinergic and 2-adrenoceptor drugs on the formalin test in rat: possible interactions. <i>Journal of Psychopharmacology</i> , 2006, 20, 67-74.	4.0	25
138	Role of the central amygdala GABA-A receptors in morphine state-dependent memory. <i>Life Sciences</i> , 2010, 86, 887-893.	4.3	25
139	Activation of cannabinoid CB1 receptors in the central amygdala impairs inhibitory avoidance memory consolidation via NMDA receptors. <i>Neurobiology of Learning and Memory</i> , 2011, 96, 333-338.	1.9	25
140	Involvement of Nrf2 in Development of Anxiety-Like Behavior by Linking Bcl2 to Oxidative Phosphorylation: Estimation in Rat Hippocampus, Amygdala, and Prefrontal Cortex. <i>Journal of Molecular Neuroscience</i> , 2015, 55, 492-499.	2.3	25
141	Histaminergic system of the lateral septum in the modulation of anxiety-like behaviour in rats. <i>European Journal of Pharmacology</i> , 2008, 583, 108-114.	3.5	24
142	Influence of nitric oxide agents in the rat amygdala on anxiogenic-like effect induced by histamine. <i>Neuroscience Letters</i> , 2011, 489, 38-42.	2.1	24
143	Activation and Inactivation of Nicotinic Receptors in the Dorsal Hippocampal Region Restored Negative Effects of Total (TSD) and REM Sleep Deprivation (RSD) on Memory Acquisition, Locomotor Activity and Pain Perception. <i>Neuroscience</i> , 2020, 433, 200-211.	2.3	24
144	Sulpiride injections into the medial septum reverse the influence of intra-medial septum injection of l-arginine on expression of place conditioning-induced by morphine in rats. <i>Brain Research</i> , 2003, 976, 30-40.	2.2	23

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