

# Abbas Ali - Vafaei

## List of Publications by Year in descending order

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Version: 2024-02-01

79  
papers

1,666  
citations

279487

23  
h-index

329751

37  
g-index

81  
all docs

81  
docs citations

81  
times ranked

2448  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Amygdala-Infralimbic Cortex Circuitry in Glucocorticoid-induced Facilitation of Auditory Fear Memory Extinction. <i>Basic and Clinical Neuroscience</i> , 2022, 13, 193-206.	0.3	3
2	Oxytocin in dorsal hippocampus facilitates auditory fear memory extinction in rats. <i>Neuropharmacology</i> , 2022, 202, 108844.	2.0	8
3	Chronic light deprivation induces different effects on spatial and fear memory and hippocampal BDNF/TRKB expression during light and dark phases of rat diurnal rhythm. <i>Behavioural Brain Research</i> , 2022, 418, 113638.	1.2	3
4	Effects of different intensities of treadmill exercise on cued fear extinction failure, hippocampal BDNF decline, and Bax/Bcl-2 ratio alteration in chronic morphine treated male rats. <i>Behavioural Brain Research</i> , 2022, 421, 113732.	1.2	2
5	Pre-ischemic Interventions with Recombinant Human Chemerin Diminish Brain Injury and Spatial Memory Dysfunction in an Experimental Model of Stroke. <i>Middle East Journal of Rehabilitation and Health Studies</i> , 2022, 9, .	0.1	0
6	EMF promote BMSCs differentiation and functional recovery in hemiparkinsonian rats. <i>Neuroscience Letters</i> , 2022, 784, 136765.	1.0	1
7	Cannabidiol attenuated the maintenance and reinstatement of extinguished methylphenidate-induced conditioned place preference in rats. <i>Brain Research Bulletin</i> , 2021, 166, 118-127.	1.4	12
8	Microinjection of the BDNF receptor antagonist ANA-12 into the nucleus accumbens and medial-prefrontal cortex attenuates morphine-induced reward memory, and alterations of BDNF levels and apoptotic cells in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2021, 201, 173111.	1.3	7
9	The Effects of Valerian on Sleep Quality, Depression, and State Anxiety in Hemodialysis Patients: A Randomized, Double-blind, Crossover Clinical Trial. <i>Oman Medical Journal</i> , 2021, 36, e255-e255.	0.3	12
10	Exercise and crocin prevent adolescent-stress induced impairment of spatial navigation and dendritic retraction in the hippocampal CA3 area in adult male rats. <i>Brain Research</i> , 2021, 1754, 147274.	1.1	7
11	Temporary inactivation of the infralimbic cortex impairs while the blockade of its dopamine D2 receptors enhances auditory fear extinction in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2021, 203, 173131.	1.3	9
12	Neuroprotective Effects of Chemerin on a Mouse Stroke Model: Behavioral and Molecular Dimensions. <i>Neurochemical Research</i> , 2021, 46, 3301-3313.	1.6	7
13	Prophylactic effect of intranasal oxytocin on brain damage and neurological disorders in global cerebral ischemia in mice. <i>Iranian Journal of Basic Medical Sciences</i> , 2021, 24, 79-84.	1.0	0
14	Impact of different intensities of forced exercise on deficits of spatial and aversive memory, anxiety-like behavior, and hippocampal BDNF during morphine abstinence period in male rats. <i>Metabolic Brain Disease</i> , 2020, 35, 135-147.	1.4	16
15	Corticosterone impairs contextual fear recall after reactivation in the ovariectomized rat model of menopause. <i>Behavioural Brain Research</i> , 2020, 394, 112817.	1.2	1
16	Neuronal Nitric Oxide Inhibitor 7-Nitroindazole Improved Brain-Derived Neurotrophic Factor and Attenuated Brain Tissues Oxidative Damage and Learning and Memory Impairments of Hypothyroid Juvenile Rats. <i>Neurochemical Research</i> , 2020, 45, 2775-2785.	1.6	17
17	Effects of treadmill exercise and sex hormones on learning, memory and hippocampal brain-derived neurotrophic factor levels in transient congenital hypothyroid rats. <i>Behavioural Pharmacology</i> , 2020, 31, 641-651.	0.8	5
18	Oxytocin Reduces Brain Injury and Maintains Blood-Brain Barrier Integrity After Ischemic Stroke in Mice. <i>NeuroMolecular Medicine</i> , 2020, 22, 557-571.	1.8	19

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19	Role of Muscarinic Receptors in Hypoalgesia Induced by Crocin in Neuropathic Pain Rats. Scientific World Journal, The, 2020, 2020, 1-7.	0.8	2
20	Protective effects of morphine in a rat model of post-traumatic stress disorder: Role of hypothalamic-pituitary-adrenal axis and beta- adrenergic system. Behavioural Brain Research, 2020, 395, 112867.	1.2	12
21	&lt;p&gt;Role of Cannabinoid Receptors in Crocin-Induced Hypoalgesia in Neuropathic Pain in Rats&lt;p&gt;. Journal of Experimental Pharmacology, 2020, Volume 12, 97-106.	1.5	7
22	Interaction between 5-HT6 receptors and acute stress and corticosterone on fear memory reconsolidation in mice. Koomesh, 2020, 22, 185-191.	0.1	2
23	Role of Hippocampal 5-HT6 Receptors in Glucocorticoid-Induced Enhancement of Memory Consolidation in Rats. Basic and Clinical Neuroscience, 2020, 11, 507-516.	0.3	1
24	The effect of turmeric and curcumin on neuropathic pain behavioral response of CCI model in rats. Journal of Medicinal Plants, 2020, 19, 141-153.	0.3	0
25	Effects of forced exercise on object location memory and anxiety behaviour in morphine dependent ovariectomized rats. Koomesh, 2020, 22, 704-710.	0.1	0
26	Mesolimbic dopamine system and its modulation by vitamin D in a chronic mild stress model of depression in the rat. Behavioural Brain Research, 2019, 356, 156-169.	1.2	36
27	Hippocampal Up-Regulation of Apolipoprotein D in a Rat Model of Maternal Hypo- and Hyperthyroidism: Implication of Oxidative Stress. Neurochemical Research, 2019, 44, 2190-2201.	1.6	8
28	Probiotic supplementation attenuates hippocampus injury and spatial learning and memory impairments in a cerebral hypoperfusion mouse model. Molecular Biology Reports, 2019, 46, 4985-4995.	1.0	35
29	Spirulina microalgae improves memory deficit induced by scopolamine in male pup rats: Role of oxidative stress. South African Journal of Botany, 2019, 127, 220-225.	1.2	9
30	Voluntary exercise and estradiol reverse ovariectomy-induced spatial learning and memory deficits and reduction in hippocampal brain-derived neurotrophic factor in rats. Pharmacology Biochemistry and Behavior, 2019, 187, 172819.	1.3	17
31	Time-dependent protective effects of morphine against behavioral and morphological deficits in an animal model of posttraumatic stress disorder. Behavioural Brain Research, 2019, 364, 19-28.	1.2	19
32	Beneficial Effects of Physical Activity and Crocin Against Adolescent Stress Induced Anxiety or Depressive-Like Symptoms and Dendritic Morphology Remodeling in Prefrontal Cortex in Adult Male Rats. Neurochemical Research, 2019, 44, 917-929.	1.6	29
33	Interactive Effects of Exercise, Sex Hormones, and Transient Congenital Hypothyroidism on Long-Term Potentiation in Hippocampal Slices of Rat Offspring. Basic and Clinical Neuroscience, 2019, 10, 119-135.	0.3	1
34	Infralimbic dopamine D2 receptors mediate glucocorticoid-induced facilitation of auditory fear memory extinction in rats. Brain Research, 2018, 1682, 84-92.	1.1	19
35	Formulation and anti-neurotoxic activity of baicalein-incorporating neutral nanoliposome. Colloids and Surfaces B: Biointerfaces, 2018, 161, 578-587.	2.5	36
36	Effect of valerian on cognitive disorders and electroencephalography in hemodialysis patients: a randomized, cross over, double-blind clinical trial. BMC Nephrology, 2018, 19, 379.	0.8	10

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37	Effect of Vitamin D on Hippocampus Brain-Derived Neurotrophic Factor Level in Chronic Mild Stress Model of Depression in Rats. Middle East Journal of Rehabilitation and Health Studies, 2018, 5, .	0.1	1
38	Effects of moderate treadmill exercise and fluoxetine on behavioural and cognitive deficits, hypothalamic-pituitary-adrenal axis dysfunction and alternations in hippocampal BDNF and mRNA expression of apoptosis related proteins in a rat model of post-traumatic stress disorder. Neurobiology of Learning and Memory, 2017, 139, 165-178.	1.0	69
39	Low- and high-intensity treadmill exercise attenuates chronic morphine-induced angiogenesis and memory impairment but not reductions in hippocampal BDNF in female rats. Brain Research, 2017, 1663, 20-28.	1.1	28
40	Effects of the combined treatment of bone marrow stromal cells with mild exercise and thyroid hormone on brain damage and apoptosis in a mouse focal cerebral ischemia model. Metabolic Brain Disease, 2017, 32, 1267-1277.	1.4	21
41	Effects of extremely low frequency magnetic field on the development of tolerance to the analgesic effect of morphine in rats. Bioelectromagnetics, 2017, 38, 618-625.	0.9	3
42	The care preferences of patients under hemodialysis. Journal of Renal Injury Prevention, 2017, 6, 210-215.	0.6	10
43	Neurotoxicity of pre-incubated alpha-synuclein with neutral nanoliposomes on PC12 and SHSY5Y cell lines. Scientia Iranica, 2017, .	0.3	1
44	Effects of maternal hypothyroidism during pregnancy on learning, memory and hippocampal BDNF in rat pups: Beneficial effects of exercise. Neuroscience, 2016, 329, 151-161.	1.1	41
45	G-CSF for mobilizing transplanted bone marrow stem cells in rat model of Parkinson's disease. Iranian Journal of Basic Medical Sciences, 2016, 19, 1318-1324.	1.0	13
46	Effects of Saffron (Crocus sativus L.) Stigma Extract and its Active Constituent Crocin on Neuropathic Pain Responses in a Rat Model of Chronic Constriction Injury. Iranian Journal of Pharmaceutical Research, 2016, 15, 253-61.	0.3	14
47	Mesenchymal stem cells that located in the electromagnetic fields improves rat model of Parkinson's disease. Iranian Journal of Basic Medical Sciences, 2016, 19, 741-8.	1.0	5
48	Glucocorticoid-induced impairment of long-term memory retrieval in female rats: Influences of estrous cycle and estrogen. Neurobiology of Learning and Memory, 2015, 118, 209-215.	1.0	8
49	Effects of environmental enrichment on behavioral deficits and alterations in hippocampal BDNF induced by prenatal exposure to morphine in juvenile rats. Neuroscience, 2015, 305, 372-383.	1.1	61
50	Protective Effects of Water Extract of Propolis on Dopaminergic Neurons, Brain Derived Neurotrophic Factor and Stress Oxidative Factors in the Rat Model of Parkinson's Disease. International Journal of Pharmacology, 2015, 11, 300-308.	0.1	12
51	Glucocorticoids Interact with Cholinergic System in Impairing Memory Reconsolidation of an Inhibitory Avoidance Task in Mice. Basic and Clinical Neuroscience, 2015, 6, 155-62.	0.3	9
52	Effects of voluntary and treadmill exercise on spontaneous withdrawal signs, cognitive deficits and alterations in apoptosis-associated proteins in morphine-dependent rats. Behavioural Brain Research, 2014, 271, 160-170.	1.2	33
53	Protective Effects of Crocus Sativus L. Extract and Crocin against Chronic-Stress Induced Oxidative Damage of Brain, Liver and Kidneys in Rats. Advanced Pharmaceutical Bulletin, 2014, 4, 493-9.	0.6	88
54	Propranolol-induced Impairment of Contextual Fear Memory Reconsolidation in Rats: A similar Effect on Weak and Strong Recent and Remote Memories. Basic and Clinical Neuroscience, 2014, 5, 231-9.	0.3	20

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55	Involvement of CB1 receptors in the ventral tegmental area in the potentiation of morphine rewarding properties in acquisition but not expression in the conditioned place preference model. Behavioural Brain Research, 2013, 247, 259-267.	1.2	26
56	Voluntary exercise does not ameliorate spatial learning and memory deficits induced by chronic administration of nandrolone decanoate in rats. Hormones and Behavior, 2013, 63, 158-165.	1.0	32
57	Involvement of dopaminergic receptors of the rat nucleus accumbens in decreasing the conditioned place preference induced by lateral hypothalamus stimulation. Neuroscience Letters, 2013, 556, 10-14.	1.0	15
58	Effects of systemic administration of oxytocin on contextual fear extinction in a rat model of post-traumatic stress disorder. Basic and Clinical Neuroscience, 2013, 4, 315-22.	0.3	32
59	Orexin A in the ventral tegmental area induces conditioned place preference in a dose-dependent manner: Involvement of D1/D2 receptors in the nucleus accumbens. Peptides, 2012, 37, 225-232.	1.2	40
60	Opiate System Mediate the Antinociceptive Effects of Coriandrum sativum in Mice. Iranian Journal of Pharmaceutical Research, 2012, 11, 679-88.	0.3	13
61	The glucocorticoid system is required for the voluntary exercise-induced enhancement of learning and memory in rats. Behavioural Brain Research, 2011, 219, 75-81.	1.2	36
62	Protective effects of saffron extract and its active constituent crocin against oxidative stress and spatial learning and memory deficits induced by chronic stress in rats. European Journal of Pharmacology, 2011, 667, 222-229.	1.7	230
63	Systemic and intrahippocampal administrations of the glucocorticoid receptor antagonist RU38486 impairs fear memory reconsolidation in rats. Stress, 2011, 14, 459-464.	0.8	47
64	Evaluation of topical <i>Matricaria chamomilla</i> extract activity on linear incisional wound healing in albino rats. Natural Product Research, 2010, 24, 697-702.	1.0	37
65	Central $\beta_2$ -adrenergic receptors play an important role in the enhancing effect of voluntary exercise on learning and memory in rat. Behavioural Brain Research, 2010, 208, 189-193.	1.2	28
66	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
67	Antinociceptive effects of hydroalcoholic extract of <i>Thymus vulgaris</i> . Pakistan Journal of Pharmaceutical Sciences, 2009, 22, 83-9.	0.2	11
68	P009 Evaluation the role of hippocampal kappa opioid receptors in retrieval of spatial memory in rats. Clinical Neurophysiology, 2008, 119, S73.	0.7	0
69	P216 Effects of intra-hippocampal injection of kappa opioid receptor agonist and antagonist on glucocorticoid-induced impairment of spatial memory retrieval in rats. Clinical Neurophysiology, 2008, 119, S126.	0.7	0
70	Interaction between glucocorticoids and opiate system on memory retrieval. International Journal of Psychophysiology, 2008, 69, 241.	0.5	0
71	Evaluation of interactions between acute stress and $Ca^{++}$ channels on pain in Tail-flick and Hot-plate tests in mice. International Journal of Psychophysiology, 2008, 69, 309.	0.5	0
72	Serotonergic and noradrenergic lesions suppress the enhancing effect of maternal exercise during pregnancy on learning and memory in rat pups. Neuroscience, 2008, 151, 1173-1183.	1.1	73

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73	Antispasmodic effect of hydroalcoholic extract of <i>Thymus vulgaris</i> on the guinea-pig ileum. <i>Natural Product Research</i> , 2008, 22, 1143-1150.	1.0	16
74	Peripheral injection of dexamethasone modulates anxiety related behaviors in mice: an interaction with opioidergic neurons. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2008, 21, 285-9.	0.2	14
75	Central mineralocorticoid receptors are indispensable for corticosterone-induced impairment of memory retrieval in rats. <i>Neuroscience</i> , 2007, 149, 729-738.	1.1	53
76	Post-training reversible inactivation of the rat's basolateral amygdala interferes with hippocampus-dependent place avoidance memory in a time-dependent manner. <i>Neurobiology of Learning and Memory</i> , 2007, 88, 87-93.	1.0	23
77	Antimotility Effect of Hydroalcoholic Extract of Yarrow ( <i>Achillea millefolium</i> ) on the Guinea-Pig Ileum. <i>Pakistan Journal of Biological Sciences</i> , 2007, 10, 3673-3677.	0.2	9
78	The effects of acute restraint stress and dexamethasone on retrieval of long-term memory in rats: an interaction with opiate system. <i>Behavioural Brain Research</i> , 2004, 154, 193-198.	1.2	64
79	Reversible lesion of the rat's orbitofrontal cortex interferes with hippocampus-dependent spatial memory. <i>Behavioural Brain Research</i> , 2004, 149, 61-68.	1.2	45