

Siamak Shahidi

List of Publications by Citations

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116
papers

1,781
citations

26
h-index

35
g-index

131
ext. papers

2,144
ext. citations

3.1
avg. IF

5.03
L-index

#	Paper	IF	Citations
116	Effects of combined treatment with vitamins C and E on passive avoidance learning and memory in diabetic rats. <i>Neurobiology of Learning and Memory</i> , 2010 , 93, 472-8	3.1	84
115	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, 324-8	3.4	61
114	Effect of magnesium supplementation on carotid intima-media thickness and flow-mediated dilatation among hemodialysis patients: a double-blind, randomized, placebo-controlled trial. <i>European Neurology</i> , 2013 , 69, 309-16	2.1	60
113	Effect of high-fat diet and antioxidants on hippocampal long-term potentiation in rats: an in vivo study. <i>Brain Research</i> , 2013 , 1539, 1-6	3.7	59
112	Ascorbic acid supplementation could affect passive avoidance learning and memory in rat. <i>Brain Research Bulletin</i> , 2008 , 76, 109-13	3.9	49
111	Effect of reversible inactivation of the supramammillary nucleus on spatial learning and memory in rats. <i>Brain Research</i> , 2004 , 1026, 267-74	3.7	45
110	The ventricular system of the brain: a comprehensive review of its history, anatomy, histology, embryology, and surgical considerations. <i>Child's Nervous System</i> , 2014 , 30, 19-35	1.7	44
109	Effect of vitamin E on lead exposure-induced learning and memory impairment in rats. <i>Physiology and Behavior</i> , 2015 , 144, 90-4	3.5	43
108	Effects of exposure to an extremely low frequency electromagnetic field on hippocampal long-term potentiation in rat. <i>Brain Research</i> , 2014 , 1564, 1-8	3.7	43
107	The treatment combination of vitamins E and C and astaxanthin prevents high-fat diet induced memory deficits in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2015 , 131, 98-103	3.9	42
106	Vitamin C reverses lead-induced deficits in hippocampal synaptic plasticity in rats. <i>Brain Research Bulletin</i> , 2015 , 116, 7-15	3.9	41
105	Effects of Hypericum perforatum extract on diabetes-induced learning and memory impairment in rats. <i>Phytotherapy Research</i> , 2011 , 25, 544-9	6.7	41
104	Effect of tempol on the passive avoidance and novel object recognition task in diabetic rats. <i>Brain Research Bulletin</i> , 2014 , 101, 51-6	3.9	40
103	Study of the effect of extract of <i>Thymus vulgaris</i> on anxiety in male rats. <i>Journal of Traditional and Complementary Medicine</i> , 2016 , 6, 257-61	4.6	35
102	Role of group II metabotropic glutamate receptors (mGluR2/3) blockade on long-term potentiation in the dentate gyrus region of hippocampus in rats fed with high-fat diet. <i>Neurochemical Research</i> , 2015 , 40, 811-7	4.6	35
101	Effects of cannabinoid and glutamate receptor antagonists and their interactions on learning and memory in male rats. <i>Pharmacology Biochemistry and Behavior</i> , 2015 , 131, 87-90	3.9	33
100	Protective effects of <i>Borago officinalis</i> extract on amyloid β peptide(25-35)-induced memory impairment in male rats: a behavioral study. <i>BioMed Research International</i> , 2014 , 2014, 798535	3	33

99	Durable stabilization of three chordoma cases by bevacizumab and erlotinib. <i>Acta Oncologica</i> , 2014 , 53, 980-4	3.2	32
98	The role of GABAergic transmission in the dentate gyrus on acquisition, consolidation and retrieval of an inhibitory avoidance learning and memory task in the rat. <i>Brain Research</i> , 2008 , 1204, 87-93	3.7	32
97	Effects of thymol on amyloid- β -induced impairments in hippocampal synaptic plasticity in rats fed a high-fat diet. <i>Brain Research Bulletin</i> , 2018 , 137, 338-350	3.9	31
96	Preventive effect of Teucrium polium on learning and memory deficits in diabetic rats. <i>Medical Science Monitor</i> , 2012 , 18, BR41-46	3.2	30
95	Effects of the hydroalcoholic extract of Rosa damascena on learning and memory in male rats consuming a high-fat diet. <i>Pharmaceutical Biology</i> , 2017 , 55, 2065-2073	3.8	29
94	The effects of the 5-HT ₇ receptor on hippocampal long-term potentiation and apoptosis in a rat model of Alzheimer's disease. <i>Brain Research Bulletin</i> , 2017 , 135, 85-91	3.9	28
93	The effect of chronic stimulation of serotonin receptor type 7 on recognition, passive avoidance memory, hippocampal long-term potentiation, and neuronal apoptosis in the amyloid β protein treated rat. <i>Psychopharmacology</i> , 2018 , 235, 1513-1525	4.7	28
92	Effects of vitamin E on lead-induced impairments in hippocampal synaptic plasticity. <i>Brain Research</i> , 2015 , 1629, 270-81	3.7	27
91	The interactive role of cannabinoid and vanilloid systems in hippocampal synaptic plasticity in rats. <i>European Journal of Pharmacology</i> , 2015 , 757, 68-73	5.3	27
90	Effects of GABAergic inhibition on neocortical long-term potentiation in the chronically prepared rat. <i>Neuroscience Letters</i> , 2007 , 422, 181-6	3.3	26
89	The effect of reversible inactivation of the supramammillary nucleus on passive avoidance learning in rats. <i>Behavioural Brain Research</i> , 2004 , 152, 81-7	3.4	25
88	Influence of N-acetyl cysteine on beta-amyloid-induced Alzheimer's disease in a rat model: A behavioral and electrophysiological study. <i>Brain Research Bulletin</i> , 2017 , 131, 142-149	3.9	24
87	Effects of Hypericum Scabrum extract on anxiety and oxidative stress biomarkers in rats fed a long-term high-fat diet. <i>Metabolic Brain Disease</i> , 2017 , 32, 503-511	3.9	23
86	Investigation of protective effects of coenzyme Q10 on impaired synaptic plasticity in a male rat model of Alzheimer's disease. <i>Brain Research Bulletin</i> , 2019 , 147, 14-21	3.9	22
85	The effect of NAD-299 and TCB-2 on learning and memory, hippocampal BDNF levels and amyloid plaques in Streptozotocin-induced memory deficits in male rats. <i>Psychopharmacology</i> , 2018 , 235, 2809-2822	4.7	22
84	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, 309-16	3.1	21
83	Blockage of acquisition and expression of morphine-induced conditioned place preference in rats due to activation of glutamate receptors type II/III in nucleus accumbens. <i>Pharmacology Biochemistry and Behavior</i> , 2015 , 135, 192-8	3.9	20
82	The interactive role of CB(1) and GABA(B) receptors in hippocampal synaptic plasticity in rats. <i>Brain Research Bulletin</i> , 2016 , 120, 123-30	3.9	20

81	Behavioral effects of fatty acid amide hydrolase inhibition on morphine withdrawal symptoms. <i>Brain Research Bulletin</i> , 2011 , 86, 118-22	3.9	20
80	Microinjection of the mGluR5 antagonist MTEP into the nucleus accumbens attenuates the acquisition but not expression of morphine-induced conditioned place preference in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2014 , 126, 109-15	3.9	19
79	Potential of rewarding properties of morphine by concurrent chemical stimulation of lateral hypothalamus in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2013 , 107, 36-41	3.9	18
78	The effects of methamphetamine and buprenorphine, and their interaction on anxiety-like behavior and locomotion in male rats. <i>Neuroscience Letters</i> , 2017 , 655, 172-178	3.3	17
77	Study the Effect of Endocannabinoid System on Rat Behavior in Elevated Plus-Maze. <i>Basic and Clinical Neuroscience</i> , 2015 , 6, 147-53	1.4	17
76	Influence of hippocampal GABA receptor inhibition on memory in rats with acute amyloid toxicity. <i>Metabolic Brain Disease</i> , 2018 , 33, 1859-1867	3.9	16
75	The protective effect of Borago Officinalis extract on amyloid β (25-35)-induced long term potentiation disruption in the dentate gyrus of male rats. <i>Metabolic Brain Disease</i> , 2015 , 30, 151-6	3.9	16
74	Involvement of the ventral tegmental area in the inhibitory avoidance memory in rats. <i>Physiology and Behavior</i> , 2011 , 102, 542-7	3.5	16
73	Interaction between paired-pulse facilitation and long-term potentiation during the stimulation of the cannabinoid and vanilloid systems in the dentate gyrus. <i>Brain Research</i> , 2016 , 1643, 27-34	3.7	16
72	Dimethylallylglycine preconditioning enhances protective effects of bone marrow-derived mesenchymal stem cells in A β -induced Alzheimer disease. <i>Physiology and Behavior</i> , 2019 , 199, 265-272	3.5	16
71	The protective and therapeutic effects of vinpocetine, a PDE1 inhibitor, on oxidative stress and learning and memory impairment induced by an intracerebroventricular (ICV) injection of amyloid beta (a β) peptide. <i>Behavioural Brain Research</i> , 2020 , 383, 112512	3.4	15
70	Acute Effects of Ecstasy on Memory Are more Extensive than Chronic Effects. <i>Basic and Clinical Neuroscience</i> , 2014 , 5, 225-30	1.4	14
69	Effects of vitamin D in an animal model of Alzheimer's disease: behavioral assessment with biochemical investigation of Hippocampus and serum. <i>Metabolic Brain Disease</i> , 2020 , 35, 263-274	3.9	13
68	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, 174-83	3.3	12
67	Interaction between Antagonist of Cannabinoid Receptor and Antagonist of Adrenergic Receptor on Anxiety in Male Rat. <i>Basic and Clinical Neuroscience</i> , 2014 , 5, 218-24	1.4	12
66	Interactive effects of AM251 and baclofen on synaptic plasticity in the rat dentate gyrus. <i>Brain Research</i> , 2016 , 1651, 53-60	3.7	12
65	The interactive role of CB1 receptors and L-type calcium channels in hippocampal long-term potentiation in rats. <i>Brain Research Bulletin</i> , 2017 , 131, 168-175	3.9	11
64	Intracerebroventricular microinjection of kaempferol on memory retention of passive avoidance learning in rats: involvement of cholinergic mechanism(s). <i>International Journal of Neuroscience</i> , 2019 , 129, 1203-1212	2	11

63	Different doses of methamphetamine alter long-term potentiation, level of BDNF and neuronal apoptosis in the hippocampus of reinstated rats. <i>Journal of Physiological Sciences</i> , 2019 , 69, 409-419	2.3	11
62	5-Hydroxytryptamine receptor 6 antagonist, SB258585 exerts neuroprotection in a rat model of Streptozotocin-induced Alzheimer's disease. <i>Metabolic Brain Disease</i> , 2018 , 33, 1243-1253	3.9	11
61	AMN082-a metabotropic glutamate receptor type 7 allosteric agonist in the NAc facilitates extinction and inhibits the reinstatement of morphine-induced conditioned place preference in male rats. <i>Brain Research Bulletin</i> , 2018 , 140, 28-33	3.9	11
60	Effects of URB597 as an inhibitor of fatty acid amide hydrolase on modulation of nociception in a rat model of cholestasis. <i>European Journal of Pharmacology</i> , 2008 , 591, 132-5	5.3	11
59	Protective effects of 5-HT receptor antagonist and 5-HT receptor agonist on the biochemical and histological features in a rat model of Alzheimer's disease. <i>Journal of Chemical Neuroanatomy</i> , 2019 , 96, 140-147	3.2	9
58	Intracerebroventricular microinjection of the 5-HT receptor agonist LY 344864 inhibits methamphetamine conditioned place preference reinstatement in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2018 , 173, 27-35	3.9	9
57	Effect of a 5-HT receptor agonist on the reinstatement phase of the conditioned place preference test and hippocampal long-term potentiation in methamphetamine-treated rats. <i>Brain Research</i> , 2018 , 1698, 151-160	3.7	9
56	Role of naloxone as an exogenous opioid receptor antagonist in spatial learning and memory of female rats during the estrous cycle. <i>Brain Research</i> , 2009 , 1257, 65-74	3.7	9
55	Influence of Chronic Coenzyme Q10 Supplementation on Cognitive Function, Learning, and Memory in Healthy and Diabetic Middle-Aged Rats. <i>Neuropsychobiology</i> , 2019 , 77, 92-100	4	9
54	Treadmill exercise attenuates 3,4-methylenedioxymethamphetamine-induced memory impairment through a decrease apoptosis in male rat hippocampus. <i>Journal of Neuroscience Research</i> , 2017 , 95, 2448-2455	4.4	8
53	Effect of coenzyme Q10 supplementation on diabetes induced memory deficits in rats. <i>Metabolic Brain Disease</i> , 2019 , 34, 833-840	3.9	8
52	Serotonin type 6 receptor antagonist attenuates the impairment of long-term potentiation and memory induced by Aβ. <i>Behavioural Brain Research</i> , 2019 , 364, 205-212	3.4	8
51	Effect of a Hydroalcoholic Extract of Rosa Canina Flowers on Anxiety in Rats. <i>Neurophysiology</i> , 2015 , 47, 133-137	0.6	8
50	The effects of a 5-HT7 receptor agonist and antagonist on morphine withdrawal syndrome in mice. <i>Neuroscience Letters</i> , 2014 , 578, 27-32	3.3	8
49	Treadmill exercise enhances the promoting effects of preconditioned stem cells on memory and neurogenesis in Aβ-induced neurotoxicity in the rats. <i>Life Sciences</i> , 2020 , 249, 117482	6.8	7
48	Anxiolytic Effect of Borago officinalis (Boraginaceae) Extract in Male Rats. <i>Avicenna Journal of Neuro Psycho Physiology</i> , 2015 , 2,		7
47	Treadmill exercise alters ecstasy- induced long- term potentiation disruption in the hippocampus of male rats. <i>Metabolic Brain Disease</i> , 2017 , 32, 1603-1607	3.9	6
46	Alteration level of hippocampus BDNF expression and long-term potentiation upon microinjection of BRL15572 hydrochloride in a rat model of methamphetamine relapse. <i>Brain Research Bulletin</i> , 2019 , 148, 18-24	3.9	6

45	A ureterocutaneous fistula forty years after nephrectomy. <i>Scandinavian Journal of Urology and Nephrology</i> , 2000 , 34, 282-3		6
44	Effect of Amyloid β Peptide on Passive Avoidance Learning in Rats: A Behavioral Study. <i>Avicenna Journal of Neuro Psycho Physiology</i> , 2014 , 1,		6
43	Effects of Acute Administration of <i>Urtica dioica</i> on the Novel Object-Recognition Task in Mice. <i>Avicenna Journal of Neuro Psycho Physiology</i> , 2015 , 2,		6
42	Effect of <i>Prunus domestica</i> L. (mirabelle) on learning and memory in mice. <i>Ancient Science of Life: Journal of International Institute of Ayurveda</i> , 2013 , 32, 139-43	0	6
41	Synergistic effects of adipose-derived mesenchymal stem cells and selenium nanoparticles on streptozotocin-induced memory impairment in the rat. <i>Life Sciences</i> , 2021 , 272, 119246	6.8	6
40	Coenzyme Q10 supplementation reverses diabetes-related impairments in long-term potentiation induction in hippocampal dentate gyrus granular cells: An in vivo study. <i>Brain Research</i> , 2020 , 1726, 146475	2.7	6
39	Angiotensin-converting enzyme gene polymorphism and the progression rate of focal segmental glomerulosclerosis in Iranian children. <i>Nephrology</i> , 2008 , 13, 708-11	2.2	4
38	Effects of Neonatal C-Fiber Depletion on Interaction between Neocortical Short-Term and Long-Term Plasticity. <i>Basic and Clinical Neuroscience</i> , 2013 , 4, 136-45	1.4	4
37	Protective Effects of 5-HT _{1A} Receptor Inhibition and 5-HT _{2A} Receptor Stimulation Against Streptozotocin-Induced Apoptosis in the Hippocampus. <i>The Malaysian Journal of Medical Sciences</i> , 2019 , 26, 40-51	1.3	3
36	Antinociceptive Effects of an Extract of <i>Securigera securidaca</i> and Their Mechanisms in Mice. <i>Neurophysiology</i> , 2013 , 45, 34-38	0.6	3
35	Antinociceptive Effects of Valeriana Extract in Mice: Involvement of the Dopaminergic and Serotonergic Systems. <i>Neurophysiology</i> , 2013 , 45, 448-452	0.6	3
34	Trend of indications for therapeutic plasma exchange at an Iranian university hospital. <i>Transfusion and Apheresis Science</i> , 2011 , 44, 119-22	2.4	3
33	The Effects of the Synthetic Antioxidant, Tempol, on Serum Glucose and Lipid Profile of Diabetic and Non-Diabetic Rats. <i>Avicenna Journal of Medical Biochemistry</i> , 2016 , 4,	0.4	3
32	Investigating the effect of hydro-alcoholic extract of <i>Salix aegyptiaca</i> on anxiety in male rat. <i>Advanced Biomedical Research</i> , 2015 , 4, 258	1.2	3
31	The effect of the mGlu ₈ receptor agonist, (S)-3,4-DCEG on acquisition and expression of morphine-induced conditioned place preference in male rats. <i>Behavioral and Brain Functions</i> , 2021 , 17, 1	4.1	3
30	Effects of pre-training injection of orexin A into dorsal raphe nucleus in passive avoidance acquisition on male rats. <i>Procedia, Social and Behavioral Sciences</i> , 2012 , 32, 438-442		2
29	Role of 5-HT ₇ receptors in the anxiety-like behavior in naloxone-induced withdrawal symptoms in mice. <i>Neurochemical Journal</i> , 2013 , 7, 308-312	0.5	2
28	Effect of a hydro-alcoholic extract of <i>Melissa officinalis</i> on passive avoidance learning and memory. <i>Journal of HerbMed Pharmacology</i> , 2019 , 8, 120-125	1.4	2

27	Anxiolytic Effects of Acute Injection of Hydro-Alcoholic Extract of Lettuce in the Elevated Plus-Maze Task in Rats. <i>Avicenna Journal of Neuro Psycho Physiology</i> , 2014 , 1,		2
26	Effect of Lemon Verbena on Memory of Male Rats. <i>Avicenna Journal of Neuro Psycho Physiology</i> , 2014 , 1,		2
25	Protective effect of chronic administration of pelargonidin on neuronal apoptosis and memory process in amyloid-beta-treated rats. <i>Avicenna Journal of Phytomedicine</i> , 2021 , 11, 407-416	1.4	2
24	Sex differences in spatial learning and memory and hippocampal long-term potentiation at perforant pathway-dentate gyrus (PP-DG) synapses in Wistar rats. <i>Behavioral and Brain Functions</i> , 2021 , 17, 9	4.1	2
23	Investigating the Effect of Borago Officinalis on Hippocampal IL-1 Beta Protein and Gene in the Amyloid β Peptide (25 β 5)-Induced of Inflammation in Rat. <i>Biomedical and Pharmacology Journal</i> , 2015 , 8, 937-943	0.9	2
22	Chitosan-coated Selenium nanoparticles enhance the efficiency of stem cells in the neuroprotection of streptozotocin-induced neurotoxicity in male rats. <i>International Journal of Biochemistry and Cell Biology</i> , 2021 , 141, 106089	5.6	2
21	Effects of phosphodiesterase type 5 inhibitions on morphine withdrawal symptoms in mice. <i>Psicothema</i> , 2014 , 26, 511-5	2	2
20	Analgesic Effects of the Aqueous Lemon Verbena Extract in Rats. <i>Neurophysiology</i> , 2016 , 48, 107-110	0.6	1
19	Modulation of nociception by medial pre-optic area orexin a receptors and its relation with morphine in male rats. <i>Brain Research Bulletin</i> , 2016 , 127, 141-147	3.9	1
18	Tetrodotoxin functional ablation of dorsal raphe before training impaired acquisition and retrieval of spatial reference memory in male rats. <i>Procedia, Social and Behavioral Sciences</i> , 2012 , 32, 403-410		1
17	Anxiolytic Effect of Ocimum basilicum Extract in Rats Tested by Elevated Plus-Maze Task. <i>Avicenna Journal of Neuro Psycho Physiology</i> , 2015 , 2,		1
16	Effects of treadmill exercise and preconditioned bone marrow- derived mesenchymal stem cells transplantation on β Induced neurotoxicity in male rats. <i>Koomesh</i> , 2020 , 22, 325-333	0.3	1
15	Deferoxamine preconditioning enhances the protective effects of stem cells in streptozotocin-induced Alzheimer's disease. <i>Life Sciences</i> , 2021 , 287, 120093	6.8	1
14	The effects of aqueous extract of Origanum vulgare on learning and memory in male rats. <i>Journal of HerbMed Pharmacology</i> , 2020 , 9, 239-244	1.4	1
13	Differential Effects of Sildenafil (Viagra) on Processing Steps of Spatial Learning and Memory in Rat. <i>Avicenna Journal of Neuro Psycho Physiology</i> , 2014 , 1,		1
12	Administration of Selenium Nanoparticles Reverses Streptozotocin-Induced Neurotoxicity in the male rats. <i>Metabolic Brain Disease</i> , 2021 , 36, 1259-1266	3.9	1
11	Pretraining hippocampal stimulation of melatonin type 2 receptors can improve memory acquisition in rats. <i>International Journal of Neuroscience</i> , 2019 , 129, 492-500	2	1
10	Electrophysiological study of the interactive role of the cannabinoid breakdown inhibitors and L-type calcium channels on granular neurons in the hippocampal dentate gyrus in rats. <i>Neurological Research</i> , 2021 , 1-9	2.7	0

9	Chronic stimulation of the serotonergic 5-HT ₄ receptor modulates amyloid-beta-related impairments in synaptic plasticity and memory deficits in male rats. <i>Brain Research</i> , 2021 , 1773, 147701	3.7	○
8	Diabetic neovascularization defects in the retina are improved by genistein supplementation in the ovariectomized rat. <i>Inflammopharmacology</i> , 2021 , 29, 1579-1586	5.1	○
7	Synergism effect of swimming exercise and genistein on the inflammation, oxidative stress, and VEGF expression in the retina of diabetic-ovariectomized rats. <i>Life Sciences</i> , 2021 , 284, 119931	6.8	○
6	Combined Effect of Co-administration of Stromal Cell-Derived Factor-1 and Granulocyte-Colony Stimulating Factor on Model of Alzheimer's Disease.. <i>Frontiers in Behavioral Neuroscience</i> , 2022 , 16, 796230	3.5	○
5	Effects of Agents Influencing Serotonergic and Cannabinoid Systems on Memory in the Avoidance Test in Mice. <i>Neurophysiology</i> , 2014 , 46, 120-125	0.6	
4	Co-administration of fluoxetine and Sildenafil has benefits in anxiety behavior in mice. <i>Neurochemical Journal</i> , 2013 , 7, 34-38	0.5	
3	Morphological Effects of Combined Systemic Administration of Fluoxetine and Sildenafil in the Murine Hippocampus. <i>Neurophysiology</i> , 2013 , 45, 293-298	0.6	
2	Effect of Vitex Agnus-Castus Ethanolic Extract on Sex Hormones in Streptozotocin-Induced Diabetic Rats. <i>Journal of Family & Reproductive Health</i> , 2020 , 14, 102-105	0.6	
1	The effects of sildenafil on the hippocampal long-term potentiation in male rats. <i>Physiology and Pharmacology</i> , 2021 , 0-0	3.5	