

Fariba Khodagholi

List of Publications by Year in descending order

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208
papers

4,759
citations

109321
35
h-index

161849
54
g-index

234
all docs

234
docs citations

234
times ranked

7480
citing authors

#	ARTICLE	IF	CITATIONS
1	Pre-treatment with metformin activates Nrf2 antioxidant pathways and inhibits inflammatory responses through induction of AMPK after transient global cerebral ischemia. <i>Metabolic Brain Disease</i> , 2015, 30, 747-754.	2.9	199
2	Alginate oligosaccharide protects against endoplasmic reticulum- and mitochondrial-mediated apoptotic cell death and oxidative stress. <i>Biomaterials</i> , 2011, 32, 5438-5458.	11.4	165
3	Activation of AMP-activated protein kinase by metformin protects against global cerebral ischemia in male rats: Interference of AMPK/PGC-1 α pathway. <i>Metabolic Brain Disease</i> , 2014, 29, 47-58.	2.9	112
4	Nrf2 and Nrf1 signaling and ER stress crosstalk: implication for proteasomal degradation and autophagy. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 4681-4694.	5.4	106
5	Natural Products as Promising Drug Candidates for the Treatment of Alzheimer's Disease: Molecular Mechanism Aspect. <i>Current Neuropharmacology</i> , 2013, 11, 414-429.	2.9	100
6	Stabilization of transcription factor Nrf2 by tBHQ prevents oxidative stress-induced amyloid β formation in NT2N neurons. <i>Biochimie</i> , 2010, 92, 245-253.	2.6	90
7	Metformin improves anxiety-like behaviors through AMPK-dependent regulation of autophagy following transient forebrain ischemia. <i>Metabolic Brain Disease</i> , 2015, 30, 1139-1150.	2.9	85
8	Synthesis and in vitro evaluation of novel 1,2,4-triazine derivatives as neuroprotective agents. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 4224-4230.	3.0	84
9	Reversal effects of crocin on amyloid β -induced memory deficit: Modification of autophagy or apoptosis markers. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 139, 47-58.	2.9	77
10	Impact of Gold Nanoparticles on Amyloid β -Induced Alzheimer's Disease in a Rat Animal Model: Involvement of STIM Proteins. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2299-2309.	3.5	74
11	In vitro antioxidant activities and an investigation of neuroprotection by six <i>Salvia</i> species from Iran: A comparative study. <i>Food and Chemical Toxicology</i> , 2010, 48, 1341-1349.	3.6	71
12	Myricetin protects hippocampal CA3 pyramidal neurons and improves learning and memory impairments in rats with Alzheimer's disease. <i>Neural Regeneration Research</i> , 2016, 11, 1976.	3.0	68
13	Inhibition of JNK phosphorylation reverses memory deficit induced by β -amyloid (1-42) associated with decrease of apoptotic factors. <i>Behavioural Brain Research</i> , 2011, 217, 424-431.	2.2	67
14	Diagnostic Value of Serum Levels of GFAP, pNF-H, and NSE Compared With Clinical Findings in Severity Assessment of Human Traumatic Spinal Cord Injury. <i>Spine</i> , 2015, 40, E823-E830.	2.0	64
15	Oligomeric Forms of Insulin Amyloid Aggregation Disrupt Outgrowth and Complexity of Neuron-Like PC12 Cells. <i>PLoS ONE</i> , 2012, 7, e41344.	2.5	61
16	Physicochemical characterization of ambient PM 2.5 in Tehran air and its potential cytotoxicity in human lung epithelial cells (A549). <i>Science of the Total Environment</i> , 2017, 593-594, 182-190.	8.0	61
17	Alginate protects NT2 neurons against H ₂ O ₂ -induced neurotoxicity. <i>Carbohydrate Polymers</i> , 2010, 79, 1063-1072.	10.2	60
18	Enhanced Brain Delivery of Deferasirox-Lactoferrin Conjugates for Iron Chelation Therapy in Neurodegenerative Disorders: In Vitro and in Vivo Studies. <i>Molecular Pharmaceutics</i> , 2013, 10, 4418-4431.	4.6	59

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19	Protective role of Apelin-13 on amyloid β 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	Attenuation of NF- κ B and activation of Nrf2 signaling by 1,2,4-triazine derivatives, protects neuron-like PC12 cells against apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010, 15, 738-751.	4.9	56
21	Prevention of Cyclophilin D-Mediated mPTP Opening Using Cyclosporine-A Alleviates the Elevation of Necroptosis, Autophagy and Apoptosis-Related Markers Following Global Cerebral Ischemia-Reperfusion. <i>Journal of Molecular Neuroscience</i> , 2017, 61, 52-60.	2.3	56
22	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.	2.2	51
23	Cannabidiol Post-Treatment Alleviates Rat Epileptic-Related Behaviors and Activates Hippocampal Cell Autophagy Pathway Along with Antioxidant Defense in Chronic Phase of Pilocarpine-Induced Seizure. <i>Journal of Molecular Neuroscience</i> , 2016, 58, 432-440.	2.3	49
24	Monitoring of Neuronal Loss in the Hippocampus of A β -Injected Rat: Autophagy, Mitophagy, and Mitochondrial Biogenesis Stand Against Apoptosis. <i>NeuroMolecular Medicine</i> , 2014, 16, 175-190.	3.4	47
25	Reduction of Hippocampal Apoptosis by Intracerebroventricular Administration of Extracellular Signal-Regulated Protein Kinase and/or p38 Inhibitors in Amyloid Beta Rat Model of Alzheimer's Disease: Involvement of Nuclear-Related Factor-2 and Nuclear Factor- κ B. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2013, 112, 145-155.	2.5	45
26	Inhibition of PKA attenuates memory deficits induced by β -amyloid (1-42), and decreases oxidative stress and NF- κ B transcription factors. <i>Behavioural Brain Research</i> , 2012, 226, 301-308.	2.2	44
27	Concentration, sources and human health risk of heavy metals and polycyclic aromatic hydrocarbons bound PM2.5 ambient air, Tehran, Iran. <i>Environmental Geochemistry and Health</i> , 2019, 41, 1473-1487.	3.4	44
28	Inhibition study on insulin fibrillation and cytotoxicity by paclitaxel. <i>Journal of Biochemistry</i> , 2014, 155, 361-373.	1.7	42
29	Protective effects of ex-527 on cerebral ischemia-reperfusion injury through necroptosis signaling pathway attenuation. <i>Journal of Cellular Physiology</i> , 2019, 234, 1816-1826.	4.1	40
30	Alginate as an antiglycating agent for human serum albumin. <i>International Journal of Biological Macromolecules</i> , 2007, 41, 180-184.	7.5	39
31	Inhibition of Phosphorylation of JNK Suppresses A β -Induced ER Stress and Upregulates Prosurvival Mitochondrial Proteins in Rat Hippocampus. <i>Journal of Molecular Neuroscience</i> , 2013, 49, 262-269.	2.3	39
32	The Effect of Melatonin on Behavioral, Molecular, and Histopathological Changes in Cuprizone Model of Demyelination. <i>Molecular Neurobiology</i> , 2016, 53, 4675-4684.	4.0	39
33	Dietary Supplementation with tBHQ, an Nrf2 Stabilizer Molecule, Confers Neuroprotection Against Apoptosis in Amyloid β -Injected Rat. <i>Neurochemical Research</i> , 2011, 36, 870-878.	3.3	38
34	Changes in the Levels of p-ERK, p-CREB, and c-fos in Rat Mesocorticolimbic Dopaminergic System After Morphine-Induced Conditioned Place Preference: The Role of Acute and Subchronic Stress. <i>Cellular and Molecular Neurobiology</i> , 2014, 34, 277-288.	3.3	38
35	Human Umbilical Cord Matrix Stem Cells Reverse Oxidative Stress-Induced Cell Death and Ameliorate Motor Function and Striatal Atrophy in Rat Model of Huntington Disease. <i>Neurotoxicity Research</i> , 2018, 34, 273-284.	2.7	38
36	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.	2.2	37

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37	Chitoooligosaccharide-mediated neuroprotection is associated with modulation of Hsps expression and reduction of MAPK phosphorylation. <i>International Journal of Biological Macromolecules</i> , 2011, 48, 726-735.	7.5	35
38	Increase of autophagy and attenuation of apoptosis by Salvigenin promote survival of SH-SY5Y cells following treatment with H ₂ O ₂ . <i>Molecular and Cellular Biochemistry</i> , 2012, 371, 9-22.	3.1	35
39	Melatonin protective effect against amyloid β -induced neurotoxicity mediated by mitochondrial biogenesis; involvement of hippocampal Sirtuin-1 signaling pathway. <i>Physiology and Behavior</i> , 2019, 204, 65-75.	2.1	35
40	Attenuation of LPS-induced apoptosis in NGF-differentiated PC12 cells via NF- κ B pathway and regulation of cellular redox status by an oxazine derivative. <i>Biochimie</i> , 2011, 93, 899-908.	2.6	33
41	Maternal separation blunted spatial memory formation independent of peripheral and hippocampal insulin content in young adult male rats. <i>PLoS ONE</i> , 2018, 13, e0204731.	2.5	33
42	Molecular Mechanism Aspect of ER Stress in Alzheimer's Disease: Current Approaches and Future Strategies. <i>Current Drug Targets</i> , 2013, 14, 114-122.	2.1	32
43	Role of dorsal hippocampal orexin-1 receptors in associating morphine reward with contextual stimuli. <i>Behavioural Pharmacology</i> , 2013, 24, 237-248.	1.7	32
44	Stabilization of Nrf2 by tBHQ prevents LPS-induced apoptosis in differentiated PC12 cells. <i>Molecular and Cellular Biochemistry</i> , 2011, 354, 97-112.	3.1	31
45	Involvement of p-CREB and phase II detoxifying enzyme system in neuroprotection mediated by the flavonoid calycotectin isolated from <i>Dracocephalum kotschyi</i> . <i>Phytomedicine</i> , 2013, 20, 939-946.	5.3	31
46	Aromatase Inhibition Exacerbates Pain and Reactive Gliosis in the Dorsal Horn of the Spinal Cord of Female Rats Caused by Spinothalamic Tract Injury. <i>Endocrinology</i> , 2014, 155, 4341-4355.	2.8	31
47	Hazelnut and neuroprotection: Improved memory and hindered anxiety in response to intra-hippocampal A β injection. <i>Nutritional Neuroscience</i> , 2017, 20, 317-326.	3.1	31
48	Temporal Pattern and Crosstalk of Necroptosis Markers with Autophagy and Apoptosis Associated Proteins in Ischemic Hippocampus. <i>Neurotoxicity Research</i> , 2018, 34, 79-92.	2.7	31
49	Artificial chaperone-assisted refolding of chemically denatured α -amylase. <i>International Journal of Biological Macromolecules</i> , 2005, 35, 257-263.	7.5	29
50	2-Ethoxy-4,5-diphenyl-1,3-oxazine-6-one activates the Nrf2/HO-1 axis and protects against oxidative stress-induced neuronal death. <i>European Journal of Pharmacology</i> , 2011, 658, 84-90.	3.5	29
51	Antioxidant and antiglycating activities of <i>Salvia sahendica</i> and its protective effect against oxidative stress in neuron-like PC12 cells. <i>Journal of Natural Medicines</i> , 2011, 65, 455-465.	2.3	29
52	Effects of 940 MHz EMF on bioluminescence and oxidative response of stable luciferase producing HEK cells. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 1082-1092.	2.9	29
53	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.	3.3	29
54	Coenzyme Q10 supplementation improves acute outcomes of stroke in rats pretreated with atorvastatin. <i>Nutritional Neuroscience</i> , 2019, 22, 264-272.	3.1	29

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55	Inhibition of LPS-induced apoptosis in differentiated-PC12 cells by new triazine derivatives through NF- κ B-mediated suppression of COX-2. <i>Neurochemistry International</i> , 2010, 57, 958-968.	3.8	27
56	Involvement of AMPA/Kainate Glutamate Receptor in the Extinction and Reinstatement of Morphine-Induced Conditioned Place Preference: A Behavioral and Molecular Study. <i>Cellular and Molecular Neurobiology</i> , 2017, 37, 315-328.	3.3	27
57	Effects of PM2.5 and gases exposure during prenatal and early-life on autism-like phenotypes in male rat offspring. <i>Particle and Fibre Toxicology</i> , 2020, 17, 8.	6.2	27
58	Cationic Albumin- α -Conjugated Chelating Agent as a Novel Brain Drug Delivery System in Neurodegeneration. <i>Chemical Biology and Drug Design</i> , 2015, 86, 1203-1214.	3.2	26
59	RIP1 Inhibition Rescues from LPS-Induced RIP3-Mediated Programmed Cell Death, Distributed Energy Metabolism and Spatial Memory Impairment. <i>Journal of Molecular Neuroscience</i> , 2015, 57, 219-230.	2.3	26
60	Nucleus incertus inactivation impairs spatial learning and memory in rats. <i>Physiology and Behavior</i> , 2015, 139, 112-120.	2.1	26
61	Control of aggregation in protein refolding: Cooperative effects of artificial chaperone and cold temperature. <i>International Journal of Biological Macromolecules</i> , 2007, 40, 126-133.	7.5	25
62	Geldanamycin Reduces α 2-Associated Anxiety and Depression, Concurrent with Autophagy Provocation. <i>Journal of Molecular Neuroscience</i> , 2015, 57, 317-324.	2.3	25
63	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
64	Nanoplastics-induced oxidative stress, antioxidant defense, and physiological response in exposed Wistar albino rats. <i>Environmental Science and Pollution Research</i> , 2022, 29, 11332-11344.	5.3	25
65	Kinetic aspects of alkaline phosphatase refolding in the presence of β -cyclodextrin. <i>Archives of Biochemistry and Biophysics</i> , 2006, 446, 11-19.	3.0	24
66	Interaction of 2-APB, dantrolene, and TDMT with IP3R and RyR modulates ER stress-induced programmed cell death I and II in neuron-like PC12 cells: an experimental and computational investigation. <i>Journal of Biomolecular Structure and Dynamics</i> , 2014, 32, 1211-1230.	3.5	24
67	High intensity exercise preconditioning provides differential protection against brain injury following experimental stroke. <i>Life Sciences</i> , 2018, 207, 30-35.	4.3	24
68	Sertoli Cells Avert Neuroinflammation-Induced Cell Death and Improve Motor Function and Striatal Atrophy in Rat Model of Huntington Disease. <i>Journal of Molecular Neuroscience</i> , 2018, 65, 17-27.	2.3	24
69	Investigation of the effect of magnetite iron oxide particles size on cytotoxicity in A549 cell line. <i>Toxicology and Industrial Health</i> , 2019, 35, 703-713.	1.4	24
70	Calyculin Promotes Survival and Outgrowth of Neuron-Like PC12 Cells by Attenuation of Oxidative- and ER-Stress-Induced Apoptosis along with Inflammatory Response. <i>Chemical Research in Toxicology</i> , 2011, 24, 2280-2292.	3.3	23
71	Gemfibrozil pretreatment proved protection against acute restraint stress-induced changes in the male rats' hippocampus. <i>Brain Research</i> , 2013, 1527, 117-130.	2.2	23
72	Protective Effect of a cAMP Analogue on Behavioral Deficits and Neuropathological Changes in Cuprizone Model of Demyelination. <i>Molecular Neurobiology</i> , 2015, 52, 130-141.	4.0	23

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73	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.	2.3	23
74	Morphine could increase apoptotic factors in the nucleus accumbens and prefrontal cortex of rat brain's reward circuitry. <i>Brain Research</i> , 2013, 1540, 1-8.	2.2	22
75	Dietary supplementation with <i>Salvia sahendica</i> attenuates memory deficits, modulates CREB and its down-stream molecules and decreases apoptosis in amyloid beta-injected rats. <i>Behavioural Brain Research</i> , 2013, 241, 62-69.	2.2	22
76	Targeting Adenosine Monophosphate-Activated Protein Kinase by Metformin Adjusts Post-Ischemic Hyperemia and Extracellular Neuronal Discharge in Transient Global Cerebral Ischemia. <i>Microcirculation</i> , 2015, 22, 534-541.	1.8	22
77	Sirtuins in Multiple Sclerosis: The crossroad of neurodegeneration, autoimmunity and metabolism. <i>Multiple Sclerosis and Related Disorders</i> , 2019, 34, 47-58.	2.0	22
78	Chemical Composition Analysis, Antioxidant, Antiglycating Activities and Neuroprotective Effects of <i>S. choloroleuca</i> , <i>S. mirzayanii</i> and <i>S. santolinifolia</i> from Iran. <i>The American Journal of Chinese Medicine</i> , 2011, 39, 615-638.	3.8	21
79	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.	2.5	21
80	Anxiolytic impact of Apelin-13 in a rat model of Alzheimer's disease: Involvement of glucocorticoid receptor and FKBP5. <i>Peptides</i> , 2019, 118, 170102.	2.4	21
81	A New Artificial Chaperone for Protein Refolding: Sequential Use of Detergent and Alginate. <i>Protein Journal</i> , 2008, 27, 123-129.	1.6	20
82	Silencing of Hsp90 Chaperone Expression Protects Against 6-Hydroxydopamine Toxicity in PC12 Cells. <i>Journal of Molecular Neuroscience</i> , 2014, 52, 392-402.	2.3	20
83	The Interaction Between Intrathecal Administration of Low Doses of Palmitoylethanolamide and AM251 in Formalin-Induced Pain Related Behavior and Spinal Cord IL1- β Expression in Rats. <i>Neurochemical Research</i> , 2012, 37, 778-785.	3.3	19
84	Sodium dodecyl sulphate modulates the fibrillation of human serum albumin in a dose-dependent manner and impacts the PC12 cells retraction. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 122, 341-349.	5.0	19
85	The fluctuations of metabotropic glutamate receptor subtype 5 (mGluR5) in the amygdala in fear conditioning model of male Wistar rats following sleep deprivation, reverse circadian and napping. <i>Brain Research</i> , 2020, 1734, 146739.	2.2	19
86	Time course study of A β formation and neurite outgrowth disruption in differentiated human neuroblastoma cells exposed to H ₂ O ₂ : Protective role of autophagy. <i>Toxicology in Vitro</i> , 2013, 27, 1780-1788.	2.4	18
87	Encapsulated Choroid Plexus Epithelial Cells Actively Protect Against Intrahippocampal A β -induced Long-Term Memory Dysfunction; Upregulation of Effective Neurogenesis with the Abrogated Apoptosis and Neuroinflammation. <i>Journal of Molecular Neuroscience</i> , 2015, 56, 708-721.	2.3	18
88	PEGylated superparamagnetic iron oxide nanoparticles (SPIONs) ameliorate learning and memory deficit in a rat model of Alzheimer's disease: Potential participation of STIMs. <i>NeuroToxicology</i> , 2021, 85, 145-159.	3.0	18
89	Mitochondrial Aconitase in Neurodegenerative Disorders: Role of a Metabolism-related Molecule in Neurodegeneration. <i>Current Drug Targets</i> , 2018, 19, 973-985.	2.1	18
90	Effect of early life stress on pancreatic isolated islets insulin secretion in young adult male rats subjected to chronic stress. <i>Endocrine</i> , 2015, 48, 493-503.	2.3	17

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91	Progesterone modulates post-traumatic epileptogenesis through regulation of BDNF-TrkB signaling and cell survival-related pathways in the rat hippocampus. <i>Neuroscience Letters</i> , 2019, 709, 134384.	2.1	17
92	Individual and combined toxicity of carboxylic acid functionalized multi-walled carbon nanotubes and benzo a pyrene in lung adenocarcinoma cells. <i>Environmental Science and Pollution Research</i> , 2019, 26, 12709-12719.	5.3	17
93	Artificial Chaperone-assisted Refolding of GuHCl-Denatured α -Amylase at Low Temperature: Refolding versus Aggregation. <i>Protein Journal</i> , 2005, 24, 303-313.	1.6	16
94	Curcumin Protects β -Lactoglobulin Fibril Formation and Fibril-Induced Neurotoxicity in PC12 Cells. <i>PLoS ONE</i> , 2015, 10, e0133206.	2.5	16
95	Beyond the 5-HT ₃ receptors. <i>Human and Experimental Toxicology</i> , 2015, 34, 922-931.	2.2	16
96	The involvement of protein kinase G inhibitor in regulation of apoptosis and autophagy markers in spatial memory deficit induced by A β . <i>Fundamental and Clinical Pharmacology</i> , 2016, 30, 364-375.	1.9	16
97	Subchronic metformin pretreatment enhances novel object recognition memory task in forebrain ischemia: behavioural, molecular, and electrophysiological studies. <i>Canadian Journal of Physiology and Pharmacology</i> , 2017, 95, 388-395.	1.4	16
98	Transplantation of human dental pulp stem cells compensates for striatal atrophy and modulates neuro-inflammation in 3-nitropropionic acid rat model of Huntington's disease. <i>Neuroscience Research</i> , 2021, 170, 133-144.	1.9	16
99	Evaluation of Chaperone-like Activity of Alginate: Microcapsule and Water-soluble Forms. <i>Protein Journal</i> , 2009, 28, 124-130.	1.6	15
100	<i>S. choloroleuca</i> , <i>S. mirzayanii</i> and <i>S. santolinifolia</i> protect PC12 cells from H ₂ O ₂ -induced apoptosis by blocking the intrinsic pathway. <i>Cytotechnology</i> , 2012, 64, 403-419.	1.6	15
101	Basolateral amygdala GABA-A receptors mediate stress-induced memory retrieval impairment in rats. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 603-612.	2.1	15
102	Paradoxical role of PKA inhibitor on amyloid β -induced memory deficit. <i>Physiology and Behavior</i> , 2015, 149, 76-85.	2.1	15
103	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.	2.9	15
104	Hippocampal signaling pathways are involved in stress-induced impairment of memory formation in rats. <i>Brain Research</i> , 2015, 1625, 54-63.	2.2	15
105	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.	1.9	15
106	The role of sleep disturbances in depressive-like behavior with emphasis on α -ketoglutarate dehydrogenase activity in rats. <i>Physiology and Behavior</i> , 2020, 224, 113023.	2.1	15
107	Targeting enteroviral 2A protease by a 16-mer synthetic peptide: Inhibition of 2Apro-induced apoptosis in a stable Tet-on HeLa cell line. <i>Virology</i> , 2010, 399, 39-45.	2.4	14
108	Conditioned Media of Choroid Plexus Epithelial Cells Induces Nrf2-Activated Phase II Antioxidant Response Proteins and Suppresses Oxidative Stress-Induced Apoptosis in PC12 Cells. <i>Journal of Molecular Neuroscience</i> , 2014, 53, 617-625.	2.3	14

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109	Reduction of autophagy markers mediated protective effects of JNK inhibitor and bucladesine on memory deficit induced by A β 2 in rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016, 389, 501-510.	3.0	14
110	Neuroprotective Effect of <i>Salvia sahendica</i> is Mediated by Restoration of Mitochondrial Function and Inhibition of Endoplasmic Reticulum Stress. <i>Neurochemical Research</i> , 2011, 36, 2216-2226.	3.3	13
111	How sodium arsenite improve amyloid β 2-induced memory deficit?. <i>Physiology and Behavior</i> , 2016, 163, 97-106.	2.1	13
112	Additive toxicity of Co-exposure to pristine multi-walled carbon nanotubes and benzo β pyrene in lung cells. <i>Environmental Research</i> , 2020, 183, 109219.	7.5	13
113	Ameliorating of Memory Impairment and Apoptosis in Amyloid β 2-Injected Rats Via Inhibition of Nitric Oxide Synthase: Possible Participation of Autophagy. <i>Iranian Journal of Pharmaceutical Research</i> , 2015, 14, 811-24.	0.5	13
114	Silencing of Hsp70 Intensifies 6-OHDA-Induced Apoptosis and Hsp90 Upregulation in PC12 Cells. <i>Journal of Molecular Neuroscience</i> , 2015, 55, 174-183.	2.3	12
115	Maternal high-fat diet intensifies the metabolic response to stress in male rat offspring. <i>Nutrition and Metabolism</i> , 2017, 14, 20.	3.0	12
116	Neuroprotective effect of exogenous melatonin on the noradrenergic neurons of adult male ratsâ€™ locus coeruleus nucleus following REM sleep deprivation. <i>Journal of Chemical Neuroanatomy</i> , 2019, 100, 101656.	2.1	12
117	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.	2.2	12
118	Intranasal insulin improves the structureâ€™function of the brain mitochondrial ATPâ€™sensitive Ca2+ activated potassium channel and respiratory chain activities under diabetic conditions. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166075.	3.8	12
119	Kaempferol promotes memory retention and density of hippocampal CA1 neurons in intra-cerebroventricular STZ-induced experimental AD model in Wistar rats. <i>Biologija (Vilnius)</i> , 2021, 10, 10784314.	0.784314	12
120	Acute 17 β -Estradiol Pretreatment Protects Against Abdominal Aortic Occlusion Induced Spinal Cord Ischemic-Reperfusion Injury. <i>Neurochemical Research</i> , 2011, 36, 268-280.	3.3	11
121	Dietary supplementation with <i>Salvia sahendica</i> attenuates acetylcholinesterase activity and increases mitochondrial transcription factor A and antioxidant proteins in the hippocampus of amyloid beta-injected rats. <i>Journal of Pharmacy and Pharmacology</i> , 2013, 65, 1555-1562.	2.4	11
122	A novel traumatic brain injury model for induction of mild brain injury in rats. <i>Journal of Neuroscience Methods</i> , 2014, 233, 18-27.	2.5	11
123	Administration of the Glial Condition Medium in the Nucleus Accumbens Prolong Maintenance and Intensify Reinstatement of Morphine-Seeking Behavior. <i>Neurochemical Research</i> , 2016, 41, 855-868.	3.3	11
124	Individual Subnuclei of the Rat Anterior Thalamic Nuclei Differently affect Spatial Memory and Passive Avoidance Tasks. <i>Neuroscience</i> , 2020, 444, 19-32.	2.3	11
125	3-Thiomethyl-5,6-(dimethoxyphenyl)-1,2,4-triazine improves neurite outgrowth and modulates MAPK phosphorylation and HSPs expression in H2O2-exposed PC12 cells. <i>Toxicology in Vitro</i> , 2012, 26, 907-914.	2.4	10
126	The effect of arsenite on spatial learning: Involvement of autophagy and apoptosis. <i>European Journal of Pharmacology</i> , 2017, 796, 54-61.	3.5	10

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127	Naloxone-precipitated withdrawal ameliorates impairment of cost-benefit decision making in morphine-treated rats: Involvement of BDNF, p-GSK3- β , and p-CREB in the amygdala. <i>Neurobiology of Learning and Memory</i> , 2020, 167, 107138.	1.9	10
128	Involvement of molecular chaperones and the transcription factor Nrf2 in neuroprotection mediated by para-substituted-4,5-diaryl-3-thiomethyl-1,2,4-triazines. <i>Cell Stress and Chaperones</i> , 2012, 17, 409-422.	2.9	9
129	Simultaneous Inhibition of COX-2 and Activation of PPAR- γ Resulted in the Same Level and Pattern of Neuroprotection as They were Targeted Separately. <i>Journal of Molecular Neuroscience</i> , 2013, 49, 116-129.	2.3	9
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