

Fariba Khodagholi

List of Publications by Citations

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207
papers

3,586
citations

31
h-index

48
g-index

234
ext. papers

4,182
ext. citations

3.9
avg, IF

5.7
L-index

#	Paper	IF	Citations
207	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, 747-54	3.9	154
206	Alginate oligosaccharide protects against endoplasmic reticulum- and mitochondrial-mediated apoptotic cell death and oxidative stress. <i>Biomaterials</i> , 2011 , 32, 5438-58	15.6	139
205	Activation of AMP-activated protein kinase by metformin protects against global cerebral ischemia in male rats: interference of AMPK/PGC-1 β pathway. <i>Metabolic Brain Disease</i> , 2014 , 29, 47-58	3.9	96
204	Nrf2 and Nrf1 signaling and ER stress crosstalk: implication for proteasomal degradation and autophagy. <i>Cellular and Molecular Life Sciences</i> , 2013 , 70, 4681-94	10.3	88
203	Chitosan prevents oxidative stress-induced amyloid beta formation and cytotoxicity in NT2 neurons: involvement of transcription factors Nrf2 and NF-kappaB. <i>Molecular and Cellular Biochemistry</i> , 2010 , 337, 39-51	4.2	76
202	Natural products as promising drug candidates for the treatment of Alzheimer's disease: molecular mechanism aspect. <i>Current Neuropharmacology</i> , 2013 , 11, 414-29	7.6	74
201	Stabilization of transcription factor Nrf2 by tBHQ prevents oxidative stress-induced amyloid beta formation in NT2N neurons. <i>Biochimie</i> , 2010 , 92, 245-53	4.6	74
200	Synthesis and in vitro evaluation of novel 1,2,4-triazine derivatives as neuroprotective agents. <i>Bioorganic and Medicinal Chemistry</i> , 2010 , 18, 4224-30	3.4	74
199	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, 1341-9	4.7	60
198	Inhibition of JNK phosphorylation reverses memory deficit induced by A β (1-42) associated with decrease of apoptotic factors. <i>Behavioural Brain Research</i> , 2011 , 217, 424-31	3.4	59
197	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	3.9	57
196	Metformin improves anxiety-like behaviors through AMPK-dependent regulation of autophagy following transient forebrain ischemia. <i>Metabolic Brain Disease</i> , 2015 , 30, 1139-50	3.9	54
195	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, 4418-31	5.6	53
194	Oligomeric forms of insulin amyloid aggregation disrupt outgrowth and complexity of neuron-like PC12 cells. <i>PLoS ONE</i> , 2012 , 7, e41344	3.7	53
193	Attenuation of NF-kappaB 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, 738-51	5.4	53
192	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	3.3	51
191	Physicochemical characterization of ambient PM 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	10.2	50

190	ERK and p38 inhibitors attenuate memory deficits and increase CREB phosphorylation and PGC-1 β levels in A β injected rats. <i>Behavioural Brain Research</i> , 2012 , 232, 165-73	3.4	50
189	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, E823-30	3.3	48
188	Alginate protects NT2 neurons against H ₂ O ₂ -induced neurotoxicity. <i>Carbohydrate Polymers</i> , 2010 , 79, 1063-1072	10.3	48
187	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, 175-90	4.6	44
186	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	5.7	41
185	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	5.5	41
184	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, 301-8	3.4	40
183	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, 432-40	3.3	38
182	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, 1976-1980	4.5	36
181	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, 262-9	3.3	33
180	Inhibition study on insulin fibrillation and cytotoxicity by paclitaxel. <i>Journal of Biochemistry</i> , 2014 , 155, 361-73	3.1	32
179	Chitooligosaccharide-mediated neuroprotection is associated with modulation of Hsps expression and reduction of MAPK phosphorylation. <i>International Journal of Biological Macromolecules</i> , 2011 , 48, 726-35	7.9	32
178	Alginate as an antiglycating agent for human serum albumin. <i>International Journal of Biological Macromolecules</i> , 2007 , 41, 180-4	7.9	32
177	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, 190-9	3.4	31
176	Dietary supplementation with tBHQ, an Nrf2 stabilizer molecule, confers neuroprotection against apoptosis in amyloid β injected rat. <i>Neurochemical Research</i> , 2011 , 36, 870-8	4.6	31
175	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, 145-55	3.1	30
174	Role of dorsal hippocampal orexin-1 receptors in associating morphine reward with contextual stimuli. <i>Behavioural Pharmacology</i> , 2013 , 24, 237-48	2.4	30
173	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	4.2	29

172	The Effect of Melatonin on Behavioral, Molecular, and Histopathological Changes in Cuprizone Model of Demyelination. <i>Molecular Neurobiology</i> , 2016 , 53, 4675-84	6.2	28
171	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, 277-88	4.6	28
170	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, 4341-55	4.8	27
169	Molecular mechanism aspect of ER stress in Alzheimer β disease: current approaches and future strategies. <i>Current Drug Targets</i> , 2013 , 14, 114-22	3	27
168	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	7	26
167	Involvement of p-CREB and phase II detoxifying enzyme system in neuroprotection mediated by the flavonoid calycopterin isolated from <i>Dracocephalum kotschyi</i> . <i>Phytomedicine</i> , 2013 , 20, 939-46	6.5	26
166	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	4.6	26
165	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	5.3	25
164	Stabilization of Nrf2 by tBHQ prevents LPS-induced apoptosis in differentiated PC12 cells. <i>Molecular and Cellular Biochemistry</i> , 2011 , 354, 97-112	4.2	25
163	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, 958-68	4.4	25
162	Artificial chaperone-assisted refolding of chemically denatured alpha-amylase. <i>International Journal of Biological Macromolecules</i> , 2005 , 35, 257-63	7.9	25
161	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, 455-65	3.3	23
160	Control of aggregation in protein refolding: cooperative effects of artificial chaperone and cold temperature. <i>International Journal of Biological Macromolecules</i> , 2007 , 40, 126-33	7.9	23
159	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	3.5	23
158	Concentration, sources and human health risk of heavy metals and polycyclic aromatic hydrocarbons bound PM ambient air, Tehran, Iran. <i>Environmental Geochemistry and Health</i> , 2019 , 41, 1473-1487	4.7	23
157	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	4.6	22
156	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, 219-30	3.3	22
155	High intensity exercise preconditioning provides differential protection against brain injury following experimental stroke. <i>Life Sciences</i> , 2018 , 207, 30-35	6.8	22

154	Temporal Pattern and Crosstalk of Necroptosis Markers with Autophagy and Apoptosis Associated Proteins in Ischemic Hippocampus. <i>Neurotoxicity Research</i> , 2018 , 34, 79-92	4.3	22
153	Effects of 940 MHz EMF on bioluminescence and oxidative response of stable luciferase producing HEK cells. <i>Photochemical and Photobiological Sciences</i> , 2014 , 13, 1082-92	4.2	22
152	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, 1223-33	4.6	22
151	Kinetic aspects of alkaline phosphatase refolding in the presence of alpha-cyclodextrin. <i>Archives of Biochemistry and Biophysics</i> , 2006 , 446, 11-9	4.1	22
150	Geldanamycin Reduces A β -Associated Anxiety and Depression, Concurrent with Autophagy Provocation. <i>Journal of Molecular Neuroscience</i> , 2015 , 57, 317-24	3.3	21
149	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, 62-9	3.4	21
148	Protective Effect of a cAMP Analogue on Behavioral Deficits and Neuropathological Changes in Cuprizone Model of Demyelination. <i>Molecular Neurobiology</i> , 2015 , 52, 130-41	6.2	20
147	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	4.3	20
146	Nucleus incertus inactivation impairs spatial learning and memory in rats. <i>Physiology and Behavior</i> , 2015 , 139, 112-20	3.5	19
145	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	3.3	19
144	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, 534-41	2.9	19
143	Cationic albumin-conjugated chelating agent as a novel brain drug delivery system in neurodegeneration. <i>Chemical Biology and Drug Design</i> , 2015 , 86, 1203-14	2.9	19
142	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, 1211-30	3.6	19
141	Calycopterin 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, 2280-92	4	19
140	Chemical composition analysis, antioxidant, antiglycating activities and neuroprotective effects of <i>S. choleroleuca</i> , <i>S. mirzayanii</i> and <i>S. santolinifolia</i> from Iran. <i>The American Journal of Chinese Medicine</i> , 2011 , 39, 615-38	6	19
139	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, 492-9	3.3	18
138	Coenzyme Q10 supplementation improves acute outcomes of stroke in rats pretreated with atorvastatin. <i>Nutritional Neuroscience</i> , 2019 , 22, 264-272	3.6	18
137	Hazelnut and neuroprotection: Improved memory and hindered anxiety in response to intra-hippocampal A β injection. <i>Nutritional Neuroscience</i> , 2017 , 20, 317-326	3.6	17

136	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	6	17
135	Gemfibrozil pretreatment proved protection against acute restraint stress-induced changes in the male rats hippocampus. <i>Brain Research</i> , 2013 , 1527, 117-30	3.7	17
134	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	3.7	17
133	A new artificial chaperone for protein refolding: sequential use of detergent and alginate. <i>Protein Journal</i> , 2008 , 27, 123-9	3.9	17
132	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	3.7	17
131	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, 1780-8	3.6	16
130	Artificial chaperone-assisted refolding of GuHCl-denatured alpha-amylase at low temperature: refolding versus aggregation. <i>Protein Journal</i> , 2005 , 24, 303-13	3.9	16
129	Silencing of Hsp90 chaperone expression protects against 6-hydroxydopamine toxicity in PC12 cells. <i>Journal of Molecular Neuroscience</i> , 2014 , 52, 392-402	3.3	15
128	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, 708-21	3.3	15
127	Effects of PM 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	8.4	15
126	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	5.1	14
125	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, 778-85	4.6	14
124	Morphine could increase apoptotic factors in the nucleus accumbens and prefrontal cortex of rat brain reward circuitry. <i>Brain Research</i> , 2013 , 1540, 1-8	3.7	14
123	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, 185-93	3.1	14
122	Investigation of the effect of magnetite iron oxide particles size on cytotoxicity in A cell line. <i>Toxicology and Industrial Health</i> , 2019 , 35, 703-713	1.8	14
121	Beyond the 5-HT ₃ receptors: A role for α nACh receptors in neuroprotective aspects of tropisetron. <i>Human and Experimental Toxicology</i> , 2015 , 34, 922-31	3.4	13
120	Hippocampal signaling pathways are involved in stress-induced impairment of memory formation in rats. <i>Brain Research</i> , 2015 , 1625, 54-63	3.7	13
119	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	2.4	13

118	Basolateral amygdala GABA-A receptors mediate stress-induced memory retrieval impairment in rats. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 17, 603-12	5.8	13
117	Evaluation of chaperone-like activity of alginate: microcapsule and water-soluble forms. <i>Protein Journal</i> , 2009 , 28, 124-30	3.9	13
116	Sirtuins in Multiple Sclerosis: The crossroad of neurodegeneration, autoimmunity and metabolism. <i>Multiple Sclerosis and Related Disorders</i> , 2019 , 34, 47-58	4	12
115	Reduction of autophagy markers mediated protective effects of JNK inhibitor and bucladesine on memory deficit induced by A β n rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016 , 389, 501-10 ³⁻⁴	3.4	12
114	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, 617-25	3.3	12
113	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, 2216-26	4.6	12
112	Ameliorating of Memory Impairment and Apoptosis in Amyloid β Injected Rats Via Inhibition of Nitric Oxide Synthase: Possible Participation of Autophagy. <i>Iranian Journal of Pharmaceutical Research</i> , 2015 , 14, 811-24	1.1	12
111	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, 309-19	4	11
110	Silencing of Hsp70 intensifies 6-OHDA-induced apoptosis and Hsp90 upregulation in PC12 cells. <i>Journal of Molecular Neuroscience</i> , 2015 , 55, 174-183	3.3	11
109	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	3.7	11
108	A novel traumatic brain injury model for induction of mild brain injury in rats. <i>Journal of Neuroscience Methods</i> , 2014 , 233, 18-27	3	11
107	Curcumin Protects β -Lactoglobulin Fibril Formation and Fibril-Induced Neurotoxicity in PC12 Cells. <i>PLoS ONE</i> , 2015 , 10, e0133206	3.7	11
106	Paradoxical role of PKA inhibitor on amyloid β induced memory deficit. <i>Physiology and Behavior</i> , 2015 , 149, 76-85	3.5	11
105	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	3.6	11
104	Mitochondrial Aconitase in Neurodegenerative Disorders: Role of a Metabolism- related Molecule in Neurodegeneration. <i>Current Drug Targets</i> , 2018 , 19, 973-985	3	11
103	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	3.9	10
102	Effect of early life stress on pancreatic isolated islets β insulin secretion in young adult male rats subjected to chronic stress. <i>Endocrine</i> , 2015 , 48, 493-503	4	10
101	<i>S. choleroleuca</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, 403-19	2.2	10

100	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, 1555-62	4.8	10
99	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, 364-75	3.1	10
98	How sodium arsenite improve amyloid β induced memory deficit?. <i>Physiology and Behavior</i> , 2016 , 163, 97-106	3.5	10
97	The effect of arsenite on spatial learning: Involvement of autophagy and apoptosis. <i>European Journal of Pharmacology</i> , 2017 , 796, 54-61	5.3	9
96	Acute 17 β -estradiol pretreatment protects against abdominal aortic occlusion induced spinal cord ischemic-reperfusion injury. <i>Neurochemical Research</i> , 2011 , 36, 268-80	4.6	9
95	Kaempferol promotes memory retention and density of hippocampal CA1 neurons in intra-cerebroventricular STZ-induced experimental AD model in Wistar rats. <i>Biologija (Vilnius, Lithuania)</i> , 2016 , 62,	1.8	9
94	Lithium increases radiosensitivity by abrogating DNA repair in breast cancer spheroid culture. <i>Archives of Iranian Medicine</i> , 2014 , 17, 352-60	2.4	9
93	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, 855-68	4.6	8
92	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	3.3	8
91	3-Thiomethyl-5,6-(dimethoxyphenyl)-1,2,4-triazine improves neurite outgrowth and modulates MAPK phosphorylation and HSPs expression in H ₂ O ₂ -exposed PC12 cells. <i>Toxicology in Vitro</i> , 2012 , 26, 907-14	3.6	8
90	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, 409-22	4	8
89	Co-exposure to ambient PM _{2.5} plus gaseous pollutants increases amyloid β 2 accumulation in the hippocampus of male and female rats. <i>Toxin Reviews</i> , 2019 , 1-10	2.3	7
88	Neuroprotective effect of exogenous melatonin on the noradrenergic neurons of adult male ratsP locus coeruleus nucleus following REM sleep deprivation. <i>Journal of Chemical Neuroanatomy</i> , 2019 , 100, 101656	3.2	7
87	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	3.8	7
86	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	3.5	7
85	Paclitaxel inhibited lysozyme fibrillation by increasing colloidal stability through formation of "off-pathway" oligomers. <i>International Journal of Biological Macromolecules</i> , 2018 , 111, 870-879	7.9	7
84	Effect of physical stress on the alteration of mesolimbic system apoptotic factors in conditioned place preference paradigm. <i>Pharmacology Biochemistry and Behavior</i> , 2014 , 124, 231-7	3.9	7
83	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, 116-23	2.3	7

82	Beneficial Effect of Flavone Derivatives on A β -Induced Memory Deficit Is Mediated by Peroxisome Proliferator-Activated Receptor γ -Coactivator 1 β Comparative Study. <i>International Journal of Toxicology</i> , 2015 , 34, 274-83	2.4	7
81	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	3.4	7
80	Oxytocin is involved in the proconvulsant effects of Sildenafil: Possible role of CREB. <i>Toxicology Letters</i> , 2016 , 256, 44-52	4.4	7
79	Additive toxicity of Co-exposure to pristine multi-walled carbon nanotubes and benzo [a]pyrene in lung cells. <i>Environmental Research</i> , 2020 , 183, 109219	7.9	6
78	Resveratrol Protects Purkinje Neurons and Restores Muscle Activity in Rat Model of Cerebellar Ataxia. <i>Journal of Molecular Neuroscience</i> , 2018 , 65, 35-42	3.3	6
77	Nitric Oxide and Protein Disulfide Isomerase Explain the Complexities of Unfolded Protein Response Following Intra-hippocampal A β Injection. <i>Cellular and Molecular Neurobiology</i> , 2016 , 36, 873-881	4.6	6
76	Salvia macilenta exhibits antiglycating activity and protects PC12 cells against H ₂ O ₂ -induced apoptosis. <i>Cytotechnology</i> , 2014 , 66, 169-79	2.2	6
75	Maternal high-fat diet intensifies the metabolic response to stress in male rat offspring. <i>Nutrition and Metabolism</i> , 2017 , 14, 20	4.6	6
74	Association of Long-Term Atorvastatin with Escalated Stroke-Induced Neuroinflammation in Rats. <i>Journal of Molecular Neuroscience</i> , 2017 , 61, 32-41	3.3	6
73	Inhibition of oxidative stress-induced amyloid beta formation in NT2 neurons by culture filtrate of a strain of Streptomyces antibioticus. <i>Applied Microbiology and Biotechnology</i> , 2010 , 86, 1805-11	5.7	6
72	Cooperative effects of artificial chaperone and Mg ²⁺ ions on alkaline phosphatase refolding. <i>Biochemical Engineering Journal</i> , 2007 , 36, 123-130	4.2	6
71	Designing a highly efficient refolding system for alkaline phosphatase using combination of cyclodextrin and Mg ²⁺ ion. <i>Protein Journal</i> , 2008 , 27, 1-6	3.9	6
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