

Fariba Khodagholi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | The 40-Hz White Light-Emitting Diode (LED) Improves the Structure-Function of the Brain Mitochondrial KATP Channel and Respiratory Chain Activities in Amyloid Beta Toxicity.. <i>Molecular Neurobiology</i> , 2022 , 1 | 6.2 | 0 |
| 206 | A role for flavonoids in the prevention and/or treatment of cognitive dysfunction, learning, and memory deficits: a review of preclinical and clinical studies.. <i>Nutritional Neuroscience</i> , 2022 , 1-17 | 3.6 | 3 |
| 205 | Autism-like symptoms by exposure to air pollution and valproic acid-induced in male rats.. <i>Environmental Science and Pollution Research</i> , 2022 , 1 | 5.1 | 0 |
| 204 | Paternal stress in rats increased oxytocin, oxytocin receptor, and arginine vasopressin gene expression in the male offspring amygdala with no effect on their social interaction behaviors.. <i>NeuroReport</i> , 2022 , 33, 48-54 | 1.7 | |
| 203 | The effects of combined exposure to noise and heat on human salivary cortisol and blood pressure. <i>International Journal of Occupational Safety and Ergonomics</i> , 2021 , 27, 831-839 | 2.1 | 2 |
| 202 | Pancreatic HB9 protein level is affected by early life stress in young adult rats: possible involvement of TNF- α and corticosterone. <i>Archives of Physiology and Biochemistry</i> , 2021 , 127, 406-413 | 2.2 | |
| 201 | Assessment of lipophilic fluorescence products in amyloid-induced cognitive decline: A parallel track in hippocampus, CSF, plasma and erythrocytes. <i>Experimental Gerontology</i> , 2021 , 157, 111645 | 4.5 | 0 |
| 200 | Combined molecular, structural and memory data unravel the destructive effect of tramadol on hippocampus.. <i>Neuroscience Letters</i> , 2021 , 771, 136418 | 3.3 | 0 |
| 199 | Time-Dependent Changes in the Serum Levels of Neurobiochemical Factors After Acute Methadone Overdose in Adolescent Male Rat. <i>Cellular and Molecular Neurobiology</i> , 2021 , 41, 1635-1649 | 4.6 | 2 |
| 198 | Interval aerobic training improves bioenergetics state and mitochondrial dynamics of different brain regions in restraint stressed rats. <i>Molecular Biology Reports</i> , 2021 , 48, 2071-2082 | 2.8 | 0 |
| 197 | Chronic Exposure to Tramadol Induces Neurodegeneration in the Cerebellum of Adult Male Rats. <i>Neurotoxicity Research</i> , 2021 , 39, 1134-1147 | 4.3 | 0 |
| 196 | Intranasal insulin improves the structure-function of the brain mitochondrial ATP-sensitive Ca activated potassium channel and respiratory chain activities under diabetic conditions. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021 , 1867, 166075 | 6.9 | 4 |
| 195 | Interactive toxicity effect of combined exposure to hematite and amorphous silicon dioxide nanoparticles in human A cell line. <i>Toxicology and Industrial Health</i> , 2021 , 37, 289-302 | 1.8 | 1 |
| 194 | STIM1, STIM2, and PDI Participate in Cellular Fate Decisions in Low Energy Availability Induced by 3-NP in Male Rats. <i>Neurotoxicity Research</i> , 2021 , 39, 1459-1469 | 4.3 | |
| 193 | How cytosolic compartments play safeguard functions against neuroinflammation and cell death in cerebral ischemia. <i>Metabolic Brain Disease</i> , 2021 , 36, 1445-1467 | 3.9 | |
| 192 | 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 | 4.4 | 3 |
| 191 | Altered D2 receptor and transcription factor EB expression in offspring of aggressive male rats, along with having depressive and anxiety-like behaviors. <i>International Journal of Neuroscience</i> , 2021 , 131, 789-799 | 2 | 2 |

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| 190 | The Effect of Particle Size on the Cytotoxicity of Amorphous Silicon Dioxide: An in Vitro Toxicological Study. <i>Asian Pacific Journal of Cancer Prevention</i> , 2021 , 22, 325-332 | 1.7 | 1 |
| 189 | Preparation, characterization, and in vivo evaluation of extract loaded solid lipid nanoparticles for targeted brain delivery.. <i>Journal of Environmental Health Science & Engineering</i> , 2021 , 19, 1373-1382 | 2.9 | 2 |
| 188 | Quality of early-life maternal care predicts empathy-like behavior in adult male rats: Linking empathy to BDNF gene expression in associated brain regions. <i>Brain Research</i> , 2021 , 1767, 147568 | 3.7 | 1 |
| 187 | Investigation of the effects of maternal separation on the pancreatic oxidative and inflammatory damages along with metabolic impairment in response to chronic social defeat stress in young adult male rats.. <i>Journal of Diabetes and Metabolic Disorders</i> , 2021 , 20, 1557-1565 | 2.5 | 0 |
| 186 | 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 | 2.9 | 4 |
| 185 | Nanoplastics-induced oxidative stress, antioxidant defense, and physiological response in exposed Wistar albino rats. <i>Environmental Science and Pollution Research</i> , 2021 , 1 | 5.1 | 3 |
| 184 | Impairment of cost-benefit decision making in morphine-dependent rats is partly mediated via the alteration of BDNF and p-CREB levels in the nucleus accumbens. <i>Pharmacology Biochemistry and Behavior</i> , 2020 , 194, 172952 | 3.9 | 1 |
| 183 | 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 |
| 182 | Changes in mitochondrial function in patients with neuromyelitis optica; correlations with motor and cognitive disabilities. <i>PLoS ONE</i> , 2020 , 15, e0230691 | 3.7 | 3 |
| 181 | Frontocingulate Dysfunction Is Associated with Depression and Decreased Serum PON1 in Methamphetamine-Dependent Patients. <i>Neuropsychiatric Disease and Treatment</i> , 2020 , 16, 489-499 | 3.1 | 1 |
| 180 | Grafted human chorionic stem cells restore motor function and preclude cerebellar neurodegeneration in rat model of cerebellar ataxia. <i>Metabolic Brain Disease</i> , 2020 , 35, 615-625 | 3.9 | 2 |
| 179 | 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 |
| 178 | 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 |
| 177 | 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 |
| 176 | BDNF and p-GSK3 β in the hippocampus mediate the impairment of delay-based decision making in morphine-dependent rats. <i>NeuroReport</i> , 2020 , 31, 1208-1214 | 1.7 | 0 |
| 175 | Neuronal injury and death following focal mild brain injury: The role of network excitability and seizure. <i>Iranian Journal of Basic Medical Sciences</i> , 2020 , 23, 63-70 | 1.8 | 5 |
| 174 | Early-life stress altered pancreatic Krebs cycle-related enzyme activities in response to young adulthood physical and psychological stress in male rat offspring. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2020 , 42, 19-27 | 1.3 | |
| 173 | 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 |

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| 172 | 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 | 3.1 | 4 |
| 171 | Individual Subnuclei of the Rat Anterior Thalamic Nuclei Differently affect Spatial Memory and Passive Avoidance Tasks. <i>Neuroscience</i> , 2020 , 444, 19-32 | 3.9 | 2 |
| 170 | Inflammation but not programmed cell death is activated in methamphetamine-dependent patients: Relevance to the brain function. <i>International Journal of Psychophysiology</i> , 2020 , 157, 42-50 | 2.9 | 0 |
| 169 | Oxytocin Prevents the Development of 3-NP-Induced Anxiety and Depression in Male and Female Rats: Possible Interaction of OXTR and mGluR2. <i>Cellular and Molecular Neurobiology</i> , 2020 , 1 | 4.6 | 1 |
| 168 | Long-term high-fat diet disrupts lipid metabolism and causes inflammation in adult male rats: possible intervention of endoplasmic reticulum stress. <i>Archives of Physiology and Biochemistry</i> , 2020 , 1-9 | 2.2 | 3 |
| 167 | The effect of single and combined exposures to magnetite and polymorphous silicon dioxide nanoparticles on the human A cell line: in vitro study. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 31752-31762 | 5.1 | 3 |
| 166 | Co-exposure to ambient PM2.5 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 |
| 165 | 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 |
| 164 | Sirtuins in Multiple Sclerosis: The crossroad of neurodegeneration, autoimmunity and metabolism. <i>Multiple Sclerosis and Related Disorders</i> , 2019 , 34, 47-58 | 4 | 12 |
| 163 | Anxiolytic impact of Apelin-13 in a rat model of Alzheimer β disease: Involvement of glucocorticoid receptor and FKBP5. <i>Peptides</i> , 2019 , 118, 170102 | 3.8 | 7 |
| 162 | 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 |
| 161 | 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 |
| 160 | Alzheimer and depressive cognitive-like behaviors in male and female rats: A new method for exposure to ambient air pollution. <i>MethodsX</i> , 2019 , 6, 690-703 | 1.9 | 3 |
| 159 | Impact of Gold Nanoparticles on Amyloid β Induced Alzheimer β Disease in a Rat Animal Model: Involvement of STIM Proteins. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 2299-2309 | 5.7 | 41 |
| 158 | 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 |
| 157 | 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 |
| 156 | Antagonistic effect of co-exposure to short-multiwalled carbon nanotubes and benzo[a]pyrene in human lung cells (A549). <i>Toxicology and Industrial Health</i> , 2019 , 35, 445-456 | 1.8 | 1 |
| 155 | Minocycline induces the expression of intra-accumbal glutamate transporter-1 in the morphine-dependent rats. <i>Asian Journal of Psychiatry</i> , 2019 , 46, 70-73 | 6.7 | 3 |

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| 154 | Peroxisomal Malfunction Caused by Mitochondrial Toxin 3-NP: Protective Role of Oxytocin. <i>Iranian Journal of Pharmaceutical Research</i> , 2019 , 18, 296-307 | 1.1 | 1 |
| 153 | Calcium Channel Blockade Ameliorates Endoplasmic Reticulum Stress in the Hippocampus Induced by Amyloidopathy in the Entorhinal Cortex. <i>Iranian Journal of Pharmaceutical Research</i> , 2019 , 18, 1466-1476 | 1.7 | 1 |
| 152 | Mitochondrial Complex I Is an Essential Player in LPS-Induced Preconditioning in Differentiated PC12 Cells. <i>Iranian Journal of Pharmaceutical Research</i> , 2019 , 18, 1445-1455 | 1.1 | 2 |
| 151 | Vulnerability of Left Amygdala to Total Sleep Deprivation and Reversed Circadian Rhythm in Molecular Level: Glut1 as a Metabolic Biomarker. <i>Galen</i> , 2019 , 8, e970 | 0.3 | 1 |
| 150 | Effects of Maternal Deprivation on Anxiety, Depression, and Empathy in Male and Female Offspring of Wistar Rats in the Face of Novel Objects. <i>Galen</i> , 2019 , 8, e1093 | 0.3 | |
| 149 | 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 |
| 148 | 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 |
| 147 | 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 |
| 146 | Protective role of Apelin-13 on amyloid β 5-35-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 |
| 145 | Coenzyme Q10 supplementation improves acute outcomes of stroke in rats pretreated with atorvastatin. <i>Nutritional Neuroscience</i> , 2019 , 22, 264-272 | 3.6 | 18 |
| 144 | Prevention of recognition memory loss and moderation of mitochondrial dynamic tendency toward fusion by flavone derivatives in A β -injected rats: a comparison between two flavonoids with different polarity. <i>Nutritional Neuroscience</i> , 2019 , 22, 295-301 | 3.6 | 2 |
| 143 | Combined toxicity of multi-walled carbon nanotubes and benzo [a] pyrene in human epithelial lung cells. <i>Toxin Reviews</i> , 2019 , 38, 212-222 | 2.3 | 4 |
| 142 | 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 |
| 141 | High intensity exercise preconditioning provides differential protection against brain injury following experimental stroke. <i>Life Sciences</i> , 2018 , 207, 30-35 | 6.8 | 22 |
| 140 | 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 |
| 139 | Reversible inactivation of interpeduncular nucleus impairs memory consolidation and retrieval but not learning in rats: A behavioral and molecular study. <i>Behavioural Brain Research</i> , 2018 , 342, 79-88 | 3.4 | 5 |
| 138 | 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 |
| 137 | Dietary supplementation with <i>Allium hirtifolium</i> and/or <i>Astragalus hamosus</i> improved memory and reduced neuro-inflammation in the rat model of Alzheimer's disease. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018 , 43, 558-564 | 3 | 5 |

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| 136 | 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 |
| 135 | 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 |
| 134 | Exercise training with concomitant nitric oxide synthase inhibition improved anxiogenic behavior, spatial cognition, and BDNF/P70S6 kinase activation in 20-month-old rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018 , 43, 45-53 | 3 | 4 |
| 133 | Mitochondrial Aconitase in Neurodegenerative Disorders: Role of a Metabolism- related Molecule in Neurodegeneration. <i>Current Drug Targets</i> , 2018 , 19, 973-985 | 3 | 11 |
| 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 | Modulatory role of the intra-accumbal CB1 receptor in protein level of the c-fos and pCREB/CREB ratio in the nucleus accumbens and ventral tegmental area in extinction and morphine seeking in the rats. <i>Brain Research Bulletin</i> , 2018 , 142, 320-327 | 3.9 | 5 |
| 130 | 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 |
| 129 | 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 |
| 128 | Necroptosis Resumes Apoptosis in Hippocampus but Not in Frontal Cortex. <i>Journal of Cellular Biochemistry</i> , 2017 , 118, 4628-4638 | 4.7 | 5 |
| 127 | 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 |
| 126 | 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 |
| 125 | Brain Region Specificity of Mitochondrial Biogenesis and Bioenergetics Response to Nrf2 Knockdown: A Comparison Among Hippocampus, Prefrontal Cortex and Amygdala of Male Rat Brain. <i>Brazilian Archives of Biology and Technology</i> , 2017 , 60, | 1.8 | 2 |
| 124 | Differential impact of treadmill training on stroke-induced neurological disorders. <i>Brain Injury</i> , 2017 , 31, 1910-1917 | 2.1 | 1 |
| 123 | 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 |
| 122 | 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 |
| 121 | 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 |
| 120 | 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 |
| 119 | Decrease of high voltage Ca currents in the dentate gyrus granule cells by entorhinal amyloidopathy is reversed by calcium channel blockade. <i>European Journal of Pharmacology</i> , 2017 , 794, 154-161 | 5.3 | 5 |

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| 118 | Protective Effect of a Polyherbal Traditional Formula Consisting of Mill., L. And DC., Against Ethanol-induced Gastric Ulcer. <i>Iranian Journal of Pharmaceutical Research</i> , 2017 , 16, 694-707 | 1.1 | 3 |
| 117 | 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 |
| 116 | Complexity of Compensatory Effects in Nrf1 Knockdown: Linking Undeveloped Anxiety-Like Behavior to Prevented Mitochondrial Dysfunction and Oxidative Stress. <i>Cellular and Molecular Neurobiology</i> , 2016 , 36, 553-63 | 4.6 | 5 |
| 115 | Protective effects of salicylate on PKA inhibitor (H-89)-induced spatial memory deficit via lessening autophagy and apoptosis in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2016 , 150-151, 158-169 | 3.9 | 3 |
| 114 | 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 |
| 113 | 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 |
| 112 | Reduction of autophagy markers mediated protective effects of JNK inhibitor and bucladesine on memory deficit induced by A β in rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016 , 389, 501-10 | 3.4 | 12 |
| 111 | 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 |
| 110 | Myricetin protects hippocampal CA3 pyramidal neurons and improves learning and memory impairments in rats with Alzheimer β disease. <i>Neural Regeneration Research</i> , 2016 , 11, 1976-1980 | 4.5 | 36 |
| 109 | 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 |
| 108 | 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 |
| 107 | Oxytocin is involved in the proconvulsant effects of Sildenafil: Possible role of CREB. <i>Toxicology Letters</i> , 2016 , 256, 44-52 | 4.4 | 7 |
| 106 | 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 |
| 105 | How sodium arsenite improve amyloid β induced memory deficit?. <i>Physiology and Behavior</i> , 2016 , 163, 97-106 | 3.5 | 10 |
| 104 | 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 | 4 | 10 |
| 103 | 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 |
| 102 | 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 |
| 101 | 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 |

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| 100 | 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 |
| 99 | Beyond the 5-HT ₃ receptors: A role for α 7nACh receptors in neuroprotective aspects of tropisetron. <i>Human and Experimental Toxicology</i> , 2015 , 34, 922-31 | 3.4 | 13 |
| 98 | 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 |
| 97 | 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 |
| 96 | Nucleus incertus inactivation impairs spatial learning and memory in rats. <i>Physiology and Behavior</i> , 2015 , 139, 112-20 | 3.5 | 19 |
| 95 | 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 |
| 94 | 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 |
| 93 | 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 |
| 92 | 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 |
| 91 | 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 |
| 90 | 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 |
| 89 | 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 |
| 88 | 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 |
| 87 | Curcumin Protects β -Lactoglobulin Fibril Formation and Fibril-Induced Neurotoxicity in PC12 Cells. <i>PLoS ONE</i> , 2015 , 10, e0133206 | 3.7 | 11 |
| 86 | 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 |
| 85 | Paradoxical role of PKA inhibitor on amyloid β -induced memory deficit. <i>Physiology and Behavior</i> , 2015 , 149, 76-85 | 3.5 | 11 |
| 84 | ISDN2014_0126: REMOVED: TBI enhances seizure susceptibility via affecting BDNF-TrkB signaling pathway. <i>International Journal of Developmental Neuroscience</i> , 2015 , 47, 36-36 | 2.7 | |
| 83 | 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 |

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| 82 | Ameliorating of Memory Impairment and Apoptosis in Amyloid 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 |
| 81 | Inhibition study on insulin fibrillation and cytotoxicity by paclitaxel. <i>Journal of Biochemistry</i> , 2014 , 155, 361-73 | 3.1 | 32 |
| 80 | 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 |
| 79 | Morphine-induced apoptosis in the ventral tegmental area and hippocampus after the development but not extinction of reward-related behaviors in rats. <i>Cellular and Molecular Neurobiology</i> , 2014 , 34, 235-45 | 4.6 | 3 |
| 78 | 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 |
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