

Mohammad Amani

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

578
citations

623734
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times ranked

734
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Persistent sexually dimorphic effects of adolescent THC exposure on hippocampal synaptic plasticity and episodic memory in rodents. <i>Neurobiology of Disease</i> , 2022, 162, 105565. | 4.4 | 7 |
| 2 | Neonatal NMDA blockade alters the LTP, LTD and cognitive functions in male and female Wistar rats. <i>Neuropharmacology</i> , 2022, 205, 108896. | 4.1 | 7 |
| 3 | Postnatal GABAA Receptor Activation Alters Synaptic Plasticity and Cognition in Adult Wistar Rats. <i>Molecular Neurobiology</i> , 2022, , 1. | 4.0 | 2 |
| 4 | Early life GABAA blockade alters the synaptic plasticity and cognitive functions in male and female rats. <i>European Journal of Pharmacology</i> , 2022, 925, 174992. | 3.5 | 3 |
| 5 | Melatonin treatment improves cognitive deficits by altering inflammatory and neurotrophic factors in the hippocampus of obese mice. <i>Physiology and Behavior</i> , 2022, 254, 113919. | 2.1 | 8 |
| 6 | The role of glutamate transporter-1 in firing activity of locus coeruleus neurons and nociception in rats. <i>Experimental Brain Research</i> , 2021, 239, 1287-1294. | 1.5 | 2 |
| 7 | Alterations in the behavior, cognitive function, and BDNF level in adult male rats following neonatal blockade of GABA-A receptors. <i>Brain Research Bulletin</i> , 2021, 169, 35-42. | 3.0 | 12 |
| 8 | Perinatal fluoxetine dose-dependently affects prenatal stress-induced neurobehavioural abnormalities, HPA-axis functioning and underlying brain alterations in rat dams and their offspring. <i>Reproductive Toxicology</i> , 2021, 104, 27-43. | 2.9 | 15 |
| 9 | Rapid Aging in the Perforant Path Projections to the Rodent Dentate Gyrus. <i>Journal of Neuroscience</i> , 2021, 41, 2301-2312. | 3.6 | 23 |
| 10 | Effect of ceftriaxone on paired-pulse response and long-term potentiation of hippocampal dentate gyrus neurons in rats with Alzheimer-like disease. <i>Life Sciences</i> , 2019, 238, 116969. | 4.3 | 20 |
| 11 | Okadaic acid attenuates short-term and long-term synaptic plasticity of hippocampal dentate gyrus neurons in rats. <i>Neurobiology of Learning and Memory</i> , 2019, 158, 24-31. | 1.9 | 18 |
| 12 | Spaced training improves learning in Ts65Dn and Ube3a mouse models of intellectual disabilities. <i>Translational Psychiatry</i> , 2019, 9, 166. | 4.8 | 8 |
| 13 | NMDA receptor in the hippocampus alters neurobehavioral phenotypes through inflammatory cytokines in rats with sporadic Alzheimer-like disease. <i>Physiology and Behavior</i> , 2019, 202, 52-61. | 2.1 | 45 |
| 14 | Minocycline prevents the development of depression-like behavior and hippocampal inflammation in a rat model of Alzheimer's disease. <i>Psychopharmacology</i> , 2019, 236, 1281-1292. | 3.1 | 43 |
| 15 | Neonatal blockade of GABA \AA receptors alters behavioral and physiological phenotypes in adult mice. <i>International Journal of Developmental Neuroscience</i> , 2017, 57, 62-71. | 1.6 | 24 |
| 16 | Troloxerutin protects hippocampal neurons against amyloid beta-induced oxidative stress and apoptosis. <i>EXCLI Journal</i> , 2017, 16, 1081-1089. | 0.7 | 37 |
| 17 | An efficient system for selection and culture of Schwann cells from adult rat peripheral nerves. <i>Cytotechnology</i> , 2016, 68, 629-636. | 1.6 | 5 |
| 18 | All trans retinoic acid modulates peripheral nerve fibroblasts viability and apoptosis. <i>Tissue and Cell</i> , 2015, 47, 61-65. | 2.2 | 12 |

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|----|---|-----|-----------|
| 19 | Efficacy of optimized in vitro predegeneration period on the cell count and purity of canine Schwann cell cultures. Iranian Journal of Basic Medical Sciences, 2015, 18, 307-11. | 1.0 | 5 |
| 20 | Inhibition of mitochondrial permeability transition pore restores the cardioprotection by postconditioning in diabetic hearts. Journal of Diabetes and Metabolic Disorders, 2014, 13, 106. | 1.9 | 27 |
| 21 | Effect of troxerutin on synaptic plasticity of hippocampal dentate gyrus neurons in a β 2-amyloid model of Alzheimer's disease: An electrophysiological study. European Journal of Pharmacology, 2014, 732, 19-25. | 3.5 | 44 |
| 22 | Neonatal immune activation during early and late postnatal brain development differently influences depression-related behaviors in adolescent and adult C57BL/6 mice. Neuroimmunology and Neuroinflammation, 2014, 1, 35. | 1.4 | 10 |
| 23 | Effects of intrahippocampal injection of ghrelin on spatial memory in PTZ-induced seizures in male rats. Neuropeptides, 2013, 47, 355-360. | 2.2 | 25 |
| 24 | Impacts of early intervention with fluoxetine following early neonatal immune activation on depression-like behaviors and body weight in mice. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2013, 43, 55-65. | 4.8 | 47 |
| 25 | Neonatal NMDA receptor blockade alters anxiety- and depression-related behaviors in a sex-dependent manner in mice. Neuropharmacology, 2013, 73, 87-97. | 4.1 | 45 |
| 26 | Effect of HEMADO on Level of CK-MB and LDH Enzymes after Ischemia/Reperfusion Injury in Isolated Rat Heart. BiolImpacts, 2013, 3, 101-4. | 1.5 | 43 |
| 27 | Protective Effects of Troxerutin on β 2-Amyloid (1-42)-Induced Impairments of Spatial Learning and Memory in Rats. Neurophysiology, 2012, 44, 387-393. | 0.3 | 11 |
| 28 | Effect of Aggregated β 2-Amyloid (1-42) on Synaptic Plasticity of Hippocampal Dentate Gyrus Granule Cells in Vivo. BiolImpacts, 2012, 2, 189-94. | 1.5 | 15 |
| 29 | Effect of ascorbic acid supplementation on nitric oxide metabolites and systolic blood pressure in rats exposed to lead. Indian Journal of Pharmacology, 2010, 42, 77. | 0.7 | 15 |