

Sara Soleimani Asl

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

1,428
citations

331538

21
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414303

32
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97
all docs

97
docs citations

97
times ranked

1924
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Resveratrol: a panacea compound for diazinon-induced renal toxicity. <i>Toxin Reviews</i> , 2023, 42, 40-50. | 1.5 | 3 |
| 2 | Evaluation of Protective Effects of Curcumin and Nanocurcumin on Aluminium Phosphide-Induced Subacute Lung Injury in Rats: Modulation of Oxidative Stress through SIRT1/FOXO3 Signalling Pathway. <i>Drug Research</i> , 2022, 72, 100-108. | 0.7 | 13 |
| 3 | The effect of different exercise training modes on dentate gyrus neurodegeneration and synaptic plasticity in morphine-dependent rats. <i>Neurochemistry International</i> , 2022, 155, 105304. | 1.9 | 3 |
| 4 | Codelivery of Doxycycline and Hydroxychloroquine to Treatment of Brucellosis: An Animal Study. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-9. | 1.5 | 2 |
| 5 | Stem Cell-Derived Exosomes: a New Strategy of Neurodegenerative Disease Treatment. <i>Molecular Neurobiology</i> , 2021, 58, 3494-3514. | 1.9 | 60 |
| 6 | Administration of Selenium Nanoparticles Reverses Streptozotocin-Induced Neurotoxicity in the male rats. <i>Metabolic Brain Disease</i> , 2021, 36, 1259-1266. | 1.4 | 10 |
| 7 | 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. | 2.0 | 18 |
| 8 | Antiapoptotic and antioxidative effects of cerium oxide nanoparticles on the testicular tissues of streptozotocin-induced diabetic rats: An experimental study. <i>International Journal of Reproductive BioMedicine</i> , 2021, 19, 589-598. | 0.5 | 3 |
| 9 | 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. | 1.2 | 9 |
| 10 | Nicotine and modafinil combination protects against the neurotoxicity induced by 3,4-Methylenedioxymethamphetamine in hippocampal neurons of male rats. <i>Journal of Chemical Neuroanatomy</i> , 2021, 116, 101986. | 1.0 | 0 |
| 11 | ADAMTS proteoglycanases downregulation with impaired oocyte quality in PCOS. <i>Archives of Endocrinology and Metabolism</i> , 2021, 65, 60-66. | 0.3 | 1 |
| 12 | Evaluation of the hepatoprotective effects of curcumin and nanocurcumin against paraquat-induced liver injury in rats: Modulation of oxidative stress and Nrf2 pathway. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22739. | 1.4 | 27 |
| 13 | Deferoxamine preconditioning enhances the protective effects of stem cells in streptozotocin-induced Alzheimer's disease. <i>Life Sciences</i> , 2021, 287, 120093. | 2.0 | 7 |
| 14 | Chronic stimulation of the serotonergic 5-HT4 receptor modulates amyloid-beta-related impairments in synaptic plasticity and memory deficits in male rats. <i>Brain Research</i> , 2021, 1773, 147701. | 1.1 | 3 |
| 15 | Impacts of garlic extract on testicular oxidative stress and sperm characteristics in type 1 and 2 diabetic rats: An experimental study. <i>International Journal of Reproductive BioMedicine</i> , 2021, 19, 929-942. | 0.5 | 2 |
| 16 | Effect of insulin-loaded trimethyl chitosan nanoparticles on genes expression in the hippocampus of diabetic rats. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2020, 31, . | 0.7 | 6 |
| 17 | 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. | 1.4 | 21 |
| 18 | The effect of Staphylococcus aureus on the antibiotic resistance and pathogenicity of Pseudomonas aeruginosa based on crc gene as a metabolism regulator: An in vitro wound model study. <i>Infection, Genetics and Evolution</i> , 2020, 85, 104509. | 1.0 | 1 |

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|----|---|-----|-----------|
| 19 | Coordination of las regulated virulence factors with Multidrug-Resistant and extensively drug-resistant in superbug strains of <i>P. aeruginosa</i> . <i>Molecular Biology Reports</i> , 2020, 47, 4131-4143. | 1.0 | 5 |
| 20 | Comparison of the regenerative effects of bone marrow/adipose-derived stem cells in the Asherman model following local or systemic administration. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 1861-1868. | 1.2 | 12 |
| 21 | Treadmill exercise enhances the promoting effects of preconditioned stem cells on memory and neurogenesis in A β -induced neurotoxicity in the rats. <i>Life Sciences</i> , 2020, 249, 117482. | 2.0 | 15 |
| 22 | Effects of adipose- derived stromal vascular fraction on asherman syndrome model. <i>Acta Histochemica</i> , 2020, 122, 151556. | 0.9 | 7 |
| 23 | Effects of treadmill exercise and preconditioned bone marrow- derived mesenchymal stem cells transplantation on A β -induced neurotoxicity in male rats. <i>Koomesh</i> , 2020, 22, 325-333. | 0.1 | 2 |
| 24 | Effects of hydroalcoholic extract of <i>Rosa damascena</i> Mill on the cardiac angiogenesis in diabetic male rats. <i>Journal of Shahrekord University of Medical Sciences</i> , 2020, 22, 82-87. | 0.1 | 0 |
| 25 | Treadmill exercise improves memory and increases hippocampal BDNF in a rat model of Alzheimer's Disease. <i>Physiology and Pharmacology</i> , 2020, 24, 250-256. | 0.1 | 0 |
| 26 | The Effects of 3,4-methylenedioxy- methamphetamine on Neurogenesis in the Hippocampus of Male Rats. <i>Basic and Clinical Neuroscience</i> , 2020, 11, 457-464. | 0.3 | 0 |
| 27 | Doxycycline-encapsulated solid lipid nanoparticles for the enhanced antibacterial potential to treat the chronic brucellosis and preventing its relapse: in vivo study. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2019, 18, 33. | 1.7 | 20 |
| 28 | Protective Effects of 5-HT1A Receptor Inhibition and 5-HT2A Receptor Stimulation Against Streptozotocin-Induced Apoptosis in the Hippocampus. <i>The Malaysian Journal of Medical Sciences</i> , 2019, 26, 40-51. | 0.3 | 10 |
| 29 | 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. | 0.9 | 22 |
| 30 | Protective effects of 5-HT1A receptor antagonist and 5-HT2A 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. | 1.0 | 18 |
| 31 | 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. | 1.4 | 9 |
| 32 | Doxycycline-encapsulated solid lipid nanoparticles as promising tool against <i>Brucella melitensis</i> enclosed in macrophage: a pharmacodynamics study on J774A.1 cell line. <i>Antimicrobial Resistance and Infection Control</i> , 2019, 8, 62. | 1.5 | 56 |
| 33 | Improved antibacterial function of Rifampicin-loaded solid lipid nanoparticles on <i>Brucella abortus</i> . <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 1181-1193. | 1.9 | 26 |
| 34 | Serotonin type 6 receptor antagonist attenuates the impairment of long-term potentiation and memory induced by A β . <i>Behavioural Brain Research</i> , 2019, 364, 205-212. | 1.2 | 16 |
| 35 | Abnormal expressions of ADAMTS-1, ADAMTS-9 and progesterone receptors are associated with lower oocyte maturation in women with polycystic ovary syndrome. <i>Archives of Gynecology and Obstetrics</i> , 2019, 299, 277-286. | 0.8 | 14 |
| 36 | Dimethylxylglycine 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. | 1.0 | 30 |

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|----|---|-----|-----------|
| 37 | Pelargonidin exhibits restoring effects against amyloid β -induced deficits in the hippocampus of male rats. <i>Medical Journal of the Islamic Republic of Iran</i> , 2019, 33, 135. | 0.9 | 8 |
| 38 | <i>Allium Jesdianum</i> Extract Improve Acetaminophen-Induced Hepatic Failure through Inhibition of Oxidative/Nitrosative Stress. <i>Journal of Pharmacopuncture</i> , 2019, 22, 239-247. | 0.4 | 13 |
| 39 | Evaluation of Differential Gene Expression during Transdifferentiation of Bone Marrow Stromal Cells to Glial Phenotype in the Presence of Cerebrospinal Fluid. <i>Avicenna Journal of Medical Biotechnology</i> , 2019, 11, 28-34. | 0.2 | 1 |
| 40 | Impact of Metformin and Pioglitazone on Serum Level of Tumor Necrosis Factor-Alpha and Lipid Profiles during Implantation Window in Diabetic Rats. <i>International Journal of Fertility & Sterility</i> , 2019, 13, 148-153. | 0.2 | 3 |
| 41 | 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. | 1.5 | 37 |
| 42 | 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. | 1.4 | 53 |
| 43 | Sublethal concentration of H ₂ O ₂ enhances the protective effect of mesenchymal stem cells in rat model of spinal cord injury. <i>Biotechnology Letters</i> , 2018, 40, 609-615. | 1.1 | 17 |
| 44 | The Effect of miR-200c Inhibition on Chemosensitivity (5- FluoroUracil) in Colorectal Cancer. <i>Pathology and Oncology Research</i> , 2018, 24, 145-151. | 0.9 | 33 |
| 45 | Nitrosative DNA damage after sub-chronic exposure to silver nanoparticle induces stress nephrotoxicity in rat kidney. <i>Toxin Reviews</i> , 2018, 37, 327-333. | 1.5 | 6 |
| 46 | Role of Cerium Oxide Nanoparticles in a Paraquat-Induced Model of Oxidative Stress: Emergence of Neuroprotective Results in the Brain. <i>Journal of Molecular Neuroscience</i> , 2018, 66, 420-427. | 1.1 | 31 |
| 47 | Improving antiproliferative effect of the nevirapine on Hela cells by loading onto chitosan coated magnetic nanoparticles as a fully biocompatible nano drug carrier. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 1220-1228. | 3.6 | 28 |
| 48 | Effect of insulin-coated trimethyl chitosan nanoparticles on IGF-1, IGF-2, and apoptosis in the hippocampus of diabetic male rats. <i>Restorative Neurology and Neuroscience</i> , 2018, 36, 571-581. | 0.4 | 5 |
| 49 | Intracerebroventricular microinjection of the 5-HT _{1F} receptor agonist LY 344864 inhibits methamphetamine conditioned place preference reinstatement in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2018, 173, 27-35. | 1.3 | 13 |
| 50 | Effect of a 5-HT _{1D} 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. | 1.1 | 13 |
| 51 | Amelioration of diabetes-induced testicular and sperm damage in rats by cerium oxide nanoparticle treatment. <i>Andrologia</i> , 2018, 50, e13089. | 1.0 | 42 |
| 52 | 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. | 1.5 | 40 |
| 53 | Effects of CeO ₂ nanoparticles on the HO-1, NQO1, and GCLC expression in the testes of diabetic rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2018, 96, 963-969. | 0.7 | 31 |
| 54 | Opioid Receptors Gene Polymorphism and Heroin Dependence in Iran. <i>Basic and Clinical Neuroscience</i> , 2018, 9, 101-106. | 0.3 | 9 |

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|----|---|-----|-----------|
| 55 | The Role of Melatonin Preconditioning on Survival of Bone Marrow-Derived Mesenchymal Stem Cells in Differentiation to Osteoblasts. Iranian Red Crescent Medical Journal, 2018, In Press, . | 0.5 | 1 |
| 56 | Effects of Resistance, Endurance, and Concurrent Exercise on Oxidative Stress Markers and the Histological Changes of Intestine After Morphine Withdrawal in Rats. Avicenna Journal of Medical Biochemistry, 2018, 6, 44-49. | 0.5 | 1 |
| 57 | Protective Role of Ce Nanoparticles Against the Hepatotoxicity Induced by Exposure to Paraquat. Avicenna Journal of Medical Biochemistry, 2018, 6, 37-43. | 0.5 | 0 |
| 58 | Influence of N -acetyl cysteine on beta-amyloid-induced Alzheimerâ€™s disease in a rat model: A behavioral and electrophysiological study. Brain Research Bulletin, 2017, 131, 142-149. | 1.4 | 39 |
| 59 | Treadmill exercise alters ecstasy- induced long- term potentiation disruption in the hippocampus of male rats. Metabolic Brain Disease, 2017, 32, 1603-1607. | 1.4 | 6 |
| 60 | Treadmill exercise attenuates 3,4-methylenedioxymethamphetamine-induced memory impairment through a decrease apoptosis in male rat hippocampus. Journal of Neuroscience Research, 2017, 95, 2448-2455. | 1.3 | 8 |
| 61 | The effects of the 5-HT7 receptor on hippocampal long-term potentiation and apoptosis in a rat model of Alzheimerâ€™s disease. Brain Research Bulletin, 2017, 135, 85-91. | 1.4 | 45 |
| 62 | The effects of methamphetamine and buprenorphine, and their interaction on anxiety-like behavior and locomotion in male rats. Neuroscience Letters, 2017, 655, 172-178. | 1.0 | 24 |
| 63 | Effects of Extremely Low-Frequency Electromagnetic Fields on Neurogenesis and Cognitive Behavior in an Experimental Model of Hippocampal Injury. Behavioural Neurology, 2017, 2017, 1-9. | 1.1 | 18 |
| 64 | The effect of 3,4- methylenedioxymethamphetamine on expression of neurotrophic factors in hippocampus of male rats. Medical Journal of the Islamic Republic of Iran, 2017, 31, 344-348. | 0.9 | 5 |
| 65 | Short Communication: Protective Effects of Cyperus Rotundus Extract on Amyloid Î²-Peptide (1-40)-Induced Memory Impairment in Male Rats: A Behavioral Study. Basic and Clinical Neuroscience, 2017, 8, 249-254. | 0.3 | 18 |
| 66 | High Fat Diet- Induced Neurotoxicity Alters Following vitamin E and C Administration in Hippocampus of Male Rats. Gene, Cell and Tissue, 2017, 4, . | 0.2 | 2 |
| 67 | Neuroprotective Effects of Bone Marrow Mesenchymal Stem Cells on Bilateral Common Carotid Arteries Occlusion Model of Cerebral Ischemia in Rat. Behavioural Neurology, 2016, 2016, 1-10. | 1.1 | 23 |
| 68 | Dimethylallylglycine may be enhance the capacity of neural-like cells in treatment of Alzheimer disease. Cell Biology International, 2016, 40, 619-620. | 1.4 | 3 |
| 69 | Downregulation of adiponectin system in granulosa cells and low levels of HMW adiponectin in PCOS. Journal of Assisted Reproduction and Genetics, 2016, 33, 101-110. | 1.2 | 33 |
| 70 | Coenzyme Q10 Ameliorates Trimethyltin Chloride Neurotoxicity in Experimental Model of Injury in Dentate Gyrus of Hippocampus: A Histopathological and Behavioral Study. Iranian Red Crescent Medical Journal, 2016, 18, e30297. | 0.5 | 9 |
| 71 | Spinal Cord Injury Repair by Intrathecal Infusion of Stromal Cell-Derived Factor-1/CXC Chemokine Receptor 4 in a Rat Model. Gene, Cell and Tissue, 2016, 3, . | 0.2 | 0 |
| 72 | NeuN Expression Alterations in the Hippocampus Following Ecstasy Treatment. Avicenna Journal of Neuro Psycho Physiology, 2016, 3, . | 0.1 | 0 |

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|----|--|-----|-----------|
| 73 | 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, 151-156. | 1.4 | 17 |
| 74 | ISDN2014_0031: REMOVED: N-acetylcysteine can alter 3,4-methylenedioxymethamphetamine-induced apoptosis in hippocampi of male rats. <i>International Journal of Developmental Neuroscience</i> , 2015, 47, 6-6. | 0.7 | 0 |
| 75 | Attenuation of ecstasy-induced neurotoxicity by N-acetylcysteine. <i>Metabolic Brain Disease</i> , 2015, 30, 171-181. | 1.4 | 16 |
| 76 | Sex differences in MDMA-induced toxicity in Sprague-Dawley rats. <i>Functional Neurology</i> , 2015, 30, 131-7. | 1.3 | 10 |
| 77 | Therapeutic Effect of Silybum marianum Plant Extract on Tamoxifen-Induced Fatty Liver in Rats. <i>Avicenna Journal of Medical Biochemistry</i> , 2015, 3, . | 0.5 | 7 |
| 78 | Protective Effect of Vitamin E Against Lead-induced Memory and Learning Impairment in Male Rats. <i>Avicenna Journal of Neuro Psycho Physiology</i> , 2015, 2, . | 0.1 | 0 |
| 79 | Reduction in ischemic brain injury following the administration of pentoxifylline after transient global ischemia/ reperfusion in a rat model. <i>Medical Journal of the Islamic Republic of Iran</i> , 2015, 29, 193. | 0.9 | 11 |
| 80 | Protective Effects of Borago officinalis Extract on Amyloid β -Peptide(25-35)-Induced Memory Impairment in Male Rats: A Behavioral Study. <i>BioMed Research International</i> , 2014, 2014, 1-8. | 0.9 | 42 |
| 81 | Th17 cells and related cytokines in unexplained recurrent spontaneous miscarriage at the implantation window. <i>Reproductive BioMedicine Online</i> , 2014, 29, 481-489. | 1.1 | 77 |
| 82 | Effect of Amyloid β - Peptide on Passive Avoidance Learning in Rats: A Behavioral Study. <i>Avicenna Journal of Neuro Psycho Physiology</i> , 2014, 1, . | 0.1 | 7 |
| 83 | Acute and Chronic Effects of 3-4, Methylenedioxymethamphetamine on Pyramidal Cells of Hippocampus. <i>Avicenna Journal of Neuro Psycho Physiology</i> , 2014, 1, . | 0.1 | 1 |
| 84 | Acute Effects of Ecstasy on Memory Are more Extensive than Chronic Effects. <i>Basic and Clinical Neuroscience</i> , 2014, 5, 225-30. | 0.3 | 15 |
| 85 | Transforming Growth Factor- β Improves Memory Impairment and Neurogenesis Following Ischemia Reperfusion. <i>Cell Journal</i> , 2014, 16, 315-24. | 0.2 | 12 |
| 86 | Protective effects of N-acetylcysteine on 3, 4-methylenedioxymethamphetamine-induced neurotoxicity in male Sprague-Dawley rats. <i>Metabolic Brain Disease</i> , 2013, 28, 677-686. | 1.4 | 21 |
| 87 | Ecstasy-induced caspase expression alters following ginger treatment. <i>Basic and Clinical Neuroscience</i> , 2013, 4, 329-33. | 0.3 | 9 |
| 88 | Zingiber Officinale Alters 3,4-methylenedioxymethamphetamine-Induced Neurotoxicity in Rat Brain. <i>Cell Journal</i> , 2012, 14, 177-84. | 0.2 | 21 |
| 89 | Evaluation of Bcl-2 Family Gene Expression in Hippocampus of 3, 4-methylenedioxymethamphetamine Treated Rats. <i>Cell Journal</i> , 2012, 13, 275-80. | 0.2 | 29 |
| 90 | BMSC and CoQ10 improve behavioural recovery and histological outcome in rat model of Parkinson's disease. <i>Pathophysiology</i> , 2011, 18, 317-324. | 1.0 | 14 |

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|----|--|-----|-----------|
| 91 | Neuroprotective effects of carnosic Acid in an experimental model of Alzheimer's disease in rats. Cell Journal, 2011, 13, 39-44. | 0.2 | 49 |