

Sara Soleimani Asl

List of Publications by Year in descending order

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91
papers

1,428
citations

331538

21
h-index

414303

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97
all docs

97
docs citations

97
times ranked

1924
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Stem Cell-Derived Exosomes: a New Strategy of Neurodegenerative Disease Treatment. <i>Molecular Neurobiology</i> , 2021, 58, 3494-3514.	1.9	60
3	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
4	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
5	Neuroprotective effects of carnosic Acid in an experimental model of Alzheimer's disease in rats. <i>Cell Journal</i> , 2011, 13, 39-44.	0.2	49
6	The effects of the 5-HT7 receptor on hippocampal long-term potentiation and apoptosis in a rat model of Alzheimer's disease. <i>Brain Research Bulletin</i> , 2017, 135, 85-91.	1.4	45
7	Protective Effects of <i>Borago officinalis</i> 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
8	Amelioration of diabetes-induced testicular and sperm damage in rats by cerium oxide nanoparticle treatment. <i>Andrologia</i> , 2018, 50, e13089.	1.0	42
9	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
10	Influence of N-acetyl cysteine on beta-amyloid-induced Alzheimer's disease in a rat model: A behavioral and electrophysiological study. <i>Brain Research Bulletin</i> , 2017, 131, 142-149.	1.4	39
11	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
12	Downregulation of adiponectin system in granulosa cells and low levels of HMW adiponectin in PCOS. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 101-110.	1.2	33
13	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
14	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
15	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
16	Dimethylxalylglycine 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
17	Evaluation of Bcl-2 Family Gene Expression in Hippocampus of 3, 4-methylenedioxyamphetamine Treated Rats. <i>Cell Journal</i> , 2012, 13, 275-80.	0.2	29
18	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

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19	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
20	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
21	The effects of methamphetamine and buprenorphine, and their interaction on anxiety-like behavior and locomotion in male rats. <i>Neuroscience Letters</i> , 2017, 655, 172-178.	1.0	24
22	Neuroprotective Effects of Bone Marrow Mesenchymal Stem Cells on Bilateral Common Carotid Arteries Occlusion Model of Cerebral Ischemia in Rat. <i>Behavioural Neurology</i> , 2016, 2016, 1-10.	1.1	23
23	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
24	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
25	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
26	Zingiber Officinale Alters 3,4-methylenedioxymethamphetamine-Induced Neurotoxicity in Rat Brain. <i>Cell Journal</i> , 2012, 14, 177-84.	0.2	21
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	Effects of Extremely Low-Frequency Electromagnetic Fields on Neurogenesis and Cognitive Behavior in an Experimental Model of Hippocampal Injury. <i>Behavioural Neurology</i> , 2017, 2017, 1-9.	1.1	18
29	Protective effects of 5-HT _{1A} receptor antagonist and 5-HT _{2A} 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
30	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
31	Short Communication: Protective Effects of <i>Cyperus Rotundus</i> Extract on Amyloid β -Peptide (1-40)-Induced Memory Impairment in Male Rats: A Behavioral Study. <i>Basic and Clinical Neuroscience</i> , 2017, 8, 249-254.	0.3	18
32	The protective effect of <i>Borago Officinalis</i> 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
33	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
34	Attenuation of ecstasy-induced neurotoxicity by N-acetylcysteine. <i>Metabolic Brain Disease</i> , 2015, 30, 171-181.	1.4	16
35	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
36	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

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37	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
38	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
39	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
40	Intracerebroventricular microinjection of the 5-HT1F 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
41	Effect of a 5-HT1D 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
42	<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
43	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
44	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
45	Transforming Growth Factor- β Improves Memory Impairment and Neurogenesis Following Ischemia Reperfusion. <i>Cell Journal</i> , 2014, 16, 315-24.	0.2	12
46	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
47	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
48	Administration of Selenium Nanoparticles Reverses Streptozotocin-Induced Neurotoxicity in the male rats. <i>Metabolic Brain Disease</i> , 2021, 36, 1259-1266.	1.4	10
49	Sex differences in MDMA-induced toxicity in Sprague-Dawley rats. <i>Functional Neurology</i> , 2015, 30, 131-7.	1.3	10
50	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
51	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
52	Opioid Receptors Gene Polymorphism and Heroin Dependence in Iran. <i>Basic and Clinical Neuroscience</i> , 2018, 9, 101-106.	0.3	9
53	Coenzyme Q10 Ameliorates Trimethyltin Chloride Neurotoxicity in Experimental Model of Injury in Dentate Gyrus of Hippocampus: A Histopathological and Behavioral Study. <i>Iranian Red Crescent Medical Journal</i> , 2016, 18, e30297.	0.5	9
54	Ecstasy-induced caspase expression alters following ginger treatment. <i>Basic and Clinical Neuroscience</i> , 2013, 4, 329-33.	0.3	9

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55	Treadmill exercise attenuates 3,4-methylenedioxymethamphetamine-induced memory impairment through a decrease apoptosis in male rat hippocampus. <i>Journal of Neuroscience Research</i> , 2017, 95, 2448-2455.	1.3	8
56	Pelargonidin exhibits restoring effects against amyloid β^2 -induced deficits in the hippocampus of male rats. <i>Medical Journal of the Islamic Republic of Iran</i> , 2019, 33, 135.	0.9	8
57	Effects of adipose-derived stromal vascular fraction on asherman syndrome model. <i>Acta Histochemica</i> , 2020, 122, 151556.	0.9	7
58	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
59	Effect of Amyloid β^2 - Peptide on Passive Avoidance Learning in Rats: A Behavioral Study. <i>Avicenna Journal of Neuro Psycho Physiology</i> , 2014, 1, .	0.1	7
60	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
61	Treadmill exercise alters ecstasy-induced long-term potentiation disruption in the hippocampus of male rats. <i>Metabolic Brain Disease</i> , 2017, 32, 1603-1607.	1.4	6
62	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
63	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
64	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
65	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
66	The effect of 3,4- methylenedioxymethamphetamine on expression of neurotrophic factors in hippocampus of male rats. <i>Medical Journal of the Islamic Republic of Iran</i> , 2017, 31, 344-348.	0.9	5
67	Dimethylxalylglycine may be enhance the capacity of neural-like cells in treatment of Alzheimer disease. <i>Cell Biology International</i> , 2016, 40, 619-620.	1.4	3
68	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
69	Chronic stimulation of the serotonergic 5-HT ₄ 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
70	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
71	Resveratrol: a panacea compound for diazinon-induced renal toxicity. <i>Toxin Reviews</i> , 2023, 42, 40-50.	1.5	3
72	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

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73	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
74	High Fat Diet- Induced Neurotoxicity Alters Following vitamin E and C Administration in Hippocampus of Male Rats. <i>Gene, Cell and Tissue</i> , 2017, 4, .	0.2	2
75	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
76	Codelivery of Doxycycline and Hydroxychloroquine to Treatment of Brucellosis: An Animal Study. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-9.	1.5	2
77	The effect of <i>Staphylococcus aureus</i> on the antibiotic resistance and pathogenicity of <i>Pseudomonas aeruginosa</i> based on <i>crc</i> gene as a metabolism regulator: An in vitro wound model study. <i>Infection, Genetics and Evolution</i> , 2020, 85, 104509.	1.0	1
78	ADAMTS proteoglycanases downregulation with impaired oocyte quality in PCOS. <i>Archives of Endocrinology and Metabolism</i> , 2021, 65, 60-66.	0.3	1
79	Acute and Chronic Effects of 3-4, Methylenedioxyamphetamine on Pyramidal Cells of Hippocampus. <i>Avicenna Journal of Neuro Psycho Physiology</i> , 2014, 1, .	0.1	1
80	The Role of Melatonin Preconditioning on Survival of Bone Marrow-Derived Mesenchymal Stem Cells in Differentiation to Osteoblasts. <i>Iranian Red Crescent Medical Journal</i> , 2018, In Press, .	0.5	1
81	Effects of Resistance, Endurance, and Concurrent Exercise on Oxidative Stress Markers and the Histological Changes of Intestine After Morphine Withdrawal in Rats. <i>Avicenna Journal of Medical Biochemistry</i> , 2018, 6, 44-49.	0.5	1
82	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
83	ISDN2014_0031: REMOVED: Nâ€acetylcysteine can alter 3,4â€methylenedioxyamphetamineâ€induced apoptosis in hippocampi of male rats. <i>International Journal of Developmental Neuroscience</i> , 2015, 47, 6-6.	0.7	0
84	Nicotine and modafinil combination protects against the neurotoxicity induced by 3,4-Methylenedioxyamphetamine in hippocampal neurons of male rats. <i>Journal of Chemical Neuroanatomy</i> , 2021, 116, 101986.	1.0	0
85	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
86	Spinal Cord Injury Repair by Intrathecal Infusion of Stromal Cell-Derived Factor-1/CXC Chemokine Receptor 4 in a Rat Model. <i>Gene, Cell and Tissue</i> , 2016, 3, .	0.2	0
87	NeuN Expression Alterations in the Hippocampus Following Ecstasy Treatment. <i>Avicenna Journal of Neuro Psycho Physiology</i> , 2016, 3, .	0.1	0
88	Protective Role of Ce Nanoparticles Against the Hepatotoxicity Induced by Exposure to Paraquat. <i>Avicenna Journal of Medical Biochemistry</i> , 2018, 6, 37-43.	0.5	0
89	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
90	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

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91	The Effects of 3,4-methylenedioxy- methamphetamine on Neurogenesis in the Hippocampus of Male Rats. Basic and Clinical Neuroscience, 2020, 11, 457-464.	0.3	0