

Mohammad Amin Edalatmanesh

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

429
citations

759055

12
h-index

752573

20
g-index

46
all docs

46
docs citations

46
times ranked

841
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased hippocampal cell density and enhanced spatial memory in the valproic acid rat model of autism. <i>Brain Research</i> , 2013, 1526, 15-25.	1.1	55
2	Injectable hydrogel delivery plus preconditioning of mesenchymal stem cells: exploitation of SDF-1/CXCR4 axis toward enhancing the efficacy of stem cells' homing. <i>Cell Biology International</i> , 2016, 40, 730-741.	1.4	53
3	The effects of <i>Nigella sativa</i> on neural damage after pentylenetetrazole induced seizures in rats. <i>Journal of Traditional and Complementary Medicine</i> , 2016, 6, 262-268.	1.5	44
4	The Effects of <i>Nigella Sativa</i> Hydro-alcoholic Extract on Memory and Brain Tissues Oxidative Damage after Repeated Seizures in Rats. <i>Iranian Journal of Pharmaceutical Research</i> , 2015, 14, 547-57.	0.3	38
5	Human adipose-derived mesenchymal stem cells can survive and integrate into the adult rat eye following xenotransplantation. <i>Xenotransplantation</i> , 2013, 20, 165-176.	1.6	36
6	Systemic transplantation of mesenchymal stem cells can reduce cognitive and motor deficits in rats with unilateral lesions of the neostriatum. <i>Neurological Research</i> , 2010, 32, 166-172.	0.6	29
7	Neuroprotective effects of mesenchymal stem cell transplantation in animal model of cerebellar degeneration. <i>Neurological Research</i> , 2011, 33, 913-920.	0.6	24
8	Evidence for crossing the blood barrier of adult rat brain by human adipose-derived mesenchymal stromal cells during a 6-month period of post-transplantation. <i>Cytotherapy</i> , 2013, 15, 951-960.	0.3	18
9	Histopathological Analysis from Gallic Acid Administration on Hippocampal Cell Density, Depression, and Anxiety Related Behaviors in A Trimethyltin Intoxication Model. <i>Cell Journal</i> , 2016, 17, 659-67.	0.2	16
10	Bone marrow derived mesenchymal stem cell transplantation in cerebellar degeneration: A behavioral study. <i>Behavioural Brain Research</i> , 2011, 225, 63-70.	1.2	14
11	Xenotransplantation of human adipose derived mesenchymal stem cells in a rodent model of Huntington's disease: motor and non-motor outcomes. <i>Neurological Research</i> , 2015, 37, 309-319.	0.6	13
12	Evaluating the biodegradability of Gelatin/Siloxane/Hydroxyapatite (GS-Hyd) complex in vivo and its ability for adhesion and proliferation of rat bone marrow mesenchymal stem cells. <i>Cytotechnology</i> , 2012, 64, 485-495.	0.7	12
13	Antioxidant therapies in attention deficit hyperactivity disorder. <i>Frontiers in Bioscience - Landmark</i> , 2019, 24, 313-333.	3.0	9
14	Gallic acid reduces inflammatory cytokines and markers of oxidative damage in a rat model of estradiol-induced polycystic ovary. <i>Comparative Clinical Pathology</i> , 2019, 28, 1281-1286.	0.3	8
15	Intrauterine xenotransplantation of human Wharton jelly-derived mesenchymal stem cells into the liver of rabbit fetuses: A preliminary study for expression of the human liver genes. <i>Iranian Journal of Basic Medical Sciences</i> , 2018, 21, 89-96.	1.0	6
16	Impacts of Bone Marrow Stem Cells on Caspase-3 Levels after Spinal Cord Injury in Mice. <i>Iranian Journal of Medical Sciences</i> , 2017, 42, 593-598.	0.3	6
17	Chemokine receptor expression in human adipose derived mesenchymal stem cells primed with valproic acid. <i>Comparative Clinical Pathology</i> , 2017, 26, 115-120.	0.3	5
18	Valproic acid-mediated inhibition of trimethyltin-induced deficits in memory and learning in the rat does not directly depend on its anti-oxidant properties. <i>Irish Journal of Medical Science</i> , 2016, 185, 75-84.	0.8	4

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19	Effect of Endurance Exercise Training and Gallic Acid on Tumor Necrosis Factor- α in an Animal Model of Alzheimer's Disease. <i>The Neuroscience Journal of Shefaye Khatam</i> , 2015, 3, 21-26.	0.4	4
20	Histopathological and behavioral assessment of toxin-produced cerebellar lesion: a potent model for cell transplantation studies in the cerebellum. <i>Cell Journal</i> , 2014, 16, 325-34.	0.2	4
21	Protective effect of Lithium Chloride against Trimethyltin-induced hippocampal degeneration and comorbid depression in rats. <i>Comparative Clinical Pathology</i> , 2015, 24, 1165-1175.	0.3	3
22	The Effects of Hesperidin on BDNF/TrkB Signaling Pathway and Oxidative Stress Parameters in the Cerebral Cortex of the Utero-placental Insufficiency Fetal Rat Model. <i>Basic and Clinical Neuroscience</i> , 2021, 12, 511-522.	0.3	3
23	Evaluation of sex hormones (FSH, Estrogen and Testosterone) changes during follicular and luteal phases and sexual dysfunction in women with Multiple Sclerosis. <i>Pars of Jahrom University of Medical Sciences</i> , 2014, 12, 49-56.	0.1	3
24	The Effect of Gallic Acid on Motor Learning and Cerebellar Level of Brain Derived Neurotrophic Factor in a Rat Model of Autism. <i>The Neuroscience Journal of Shefaye Khatam</i> , 2018, 6, 5-13.	0.4	3
25	Cytotoxicity and biocompatibility evaluation of chitosan-beta glycerol phosphate-hydroxyethyl cellulose hydrogel on adult rat liver for cell-based therapeutic applications. <i>International Journal of Biomedical Engineering and Technology</i> , 2013, 12, 228.	0.2	2
26	Trimethyltin can induce cell death in the entorhinal cortex of rat brain: a histological architecture and neuronal density evaluation of the neuroprotective role of lithium chloride. <i>Comparative Clinical Pathology</i> , 2015, 24, 605-608.	0.3	2
27	The Evaluation of Brain Derived Neurotrophic Factor and Working Memory in Valproic Acid Animal Model of Autism. <i>The Neuroscience Journal of Shefaye Khatam</i> , 2015, 3, 10-16.	0.4	2
28	Cellular and Molecular Mechanisms of Mesenchymal Stem Cell Transplantation in Spinal Cord Injury. <i>The Neuroscience Journal of Shefaye Khatam</i> , 2017, 5, 51-61.	0.4	2
29	Anti-inflammatory Effect of Aloe vera Extract on Inflammatory Cytokines of Rats Fed with a High-Fat Diet (HFD). <i>Jundishapur Journal of Natural Pharmaceutical Products</i> , 2021, 17, .	0.3	2
30	Investigating the effects of vitreous humour (crude extract) on growth and differentiation of rat mesenchymal stem cells (rMSCs) and human NTERA2 cells. <i>Cytology and Genetics</i> , 2010, 44, 339-344.	0.2	1
31	The Blockade of Glutamate N-methyl-D-aspartate Receptors into the Prelimbic of Prefrontal Cortex Decreases Morphine-induced Conditioned Place Preference in Rat. <i>Indonesian Biomedical Journal</i> , 2017, 9, 165.	0.2	1
32	Environmental Enrichment: A New Therapy Based on Findings in Animal Models of Autism. <i>The Neuroscience Journal of Shefaye Khatam</i> , 2016, 4, 89-98.	0.4	1
33	The Effect of Trichostatin A on Working Memory and Serum Bcl-2 Level in Hypoxic-Ischemia Rat Model. <i>The Neuroscience Journal of Shefaye Khatam</i> , 2016, 4, 35-40.	0.4	1
34	The Effect of Gallic Acid on Cognitive Dysfunctions with Intrauterine Growth Restriction in Rats. <i>Bihd</i> , 2019, 8, 185-199.	0.1	1
35	Cellular and Molecular Mechanisms Involved in Neuroinflammation after Acute Traumatic Spinal Cord Injury. <i>The Neuroscience Journal of Shefaye Khatam</i> , 2019, 7, 89-105.	0.4	1
36	Changes in the Hypothalamic-Pituitary-Gonadal Axis in Adult Male Rats Poisoned with Proteus and Biscaya Insecticides. <i>Iranian Journal of Medical Sciences</i> , 2019, 44, 155-162.	0.3	1

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37	A Review of the Breast Milk Properties with Emphasis on the Neuroprotective Potential of Human Breast-Derived Stem Cells. <i>The Neuroscience Journal of Shefaye Khatam</i> , 2021, 9, 140-150.	0.4	1
38	The effect of Ferulic acid on motor-cognitive learning in Trimethyltin- induced hyperactivity model. <i>Medical Sciences Journal</i> , 2021, 31, 307-318.	0.1	1
39	The effect of cinnamic acid on fetal hippocampus in pregnant rats. <i>Comparative Clinical Pathology</i> , 2020, 29, 945-954.	0.3	0
40	Effect of Sex and Age on Repetitive, Stereotyped, and Exploratory Behaviors in a Rat Model of Valproic Acid-Induced Autism. <i>The Neuroscience Journal of Shefaye Khatam</i> , 2017, 5, 11-17.	0.4	0
41	Protective Effect of Curcumin on Quality Parameters of Sperm and Testicular Tissue Alterations in Alloxan-induced Diabetic Rats as Animal Model. <i>Indonesian Biomedical Journal</i> , 2019, 11, 240-6.	0.2	0
42	Improving the Effects of Omega-3 Fatty Acid on the In Vitro Maturation of Oocytes. <i>Jurnal Ilmu Ternak Dan Veteriner</i> , 2020, 25, 153.	0.4	0
43	The Effect of Hesperidin on the Cognitive-Behavioral Deficit in a Rat Model of Pentylene-tetrazole-Induced Perinatal Seizures. <i>The Neuroscience Journal of Shefaye Khatam</i> , 2020, 8, 1-11.	0.4	0
44	Age Associated Changes in Transcription of Adiponectin, AdipoR1 and AdipoR2 Genes in Pancreas of Rats. <i>Cell Journal</i> , 2020, 22, 61-67.	0.2	0
45	Systemic Transplantation Effect of Human Adipose Tissue Derived Mesenchymal Stem Cells on Cognitive Deficits and Hippocampal Antioxidant Capacity in Trimethyltin Model of Alzheimer's Disease. <i>Majallah-i Dānishgāh-i Ālī-i Pizishk-i Ālām</i> , 2021, 29, 32-43.	0.1	0