

Ali Rafati

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

398
citations

759233

12
h-index

794594

19
g-index

35
all docs

35
docs citations

35
times ranked

698
citing authors

#	ARTICLE	IF	CITATIONS
1	Fingolimod (FTY720) improves hippocampal synaptic plasticity and memory deficit in rats following focal cerebral ischemia. <i>Brain Research Bulletin</i> , 2016, 124, 95-102.	3.0	65
2	The analgesic effect of <i>Carum copticum</i> extract and morphine on phasic pain in mice. <i>Journal of Ethnopharmacology</i> , 2007, 109, 226-228.	4.1	43
3	Low-energy ion scattering: Determining overlayer thickness for functionalized gold nanoparticles. <i>Surface and Interface Analysis</i> , 2013, 45, 1737-1741.	1.8	33
4	Cardioprotective effects of curcumin and carvacrol in doxorubicin-treated rats: Stereological study. <i>Food Science and Nutrition</i> , 2019, 7, 3581-3588.	3.4	30
5	Quantitative XPS depth profiling of codeine loaded poly(l-lactic acid) films using a coronene ion sputter source. <i>Journal of Controlled Release</i> , 2009, 138, 40-44.	9.9	23
6	Organic Depth Profiling of a Binary System: the Compositional Effect on Secondary Ion Yield and a Model for Charge Transfer during Secondary Ion Emission. <i>Journal of Physical Chemistry B</i> , 2009, 113, 11574-11582.	2.6	22
7	Using vitamin E to prevent the impairment in behavioral test, cell loss and dendrite changes in medial prefrontal cortex induced by tartrazine in rats. <i>Acta Histochemica</i> , 2017, 119, 172-180.	1.8	21
8	Original article High fructose solution induces neuronal loss in the nucleus of the solitary tract of rats. <i>Folia Neuropathologica</i> , 2013, 3, 214-221.	1.2	16
9	Electrophysiology of cerebral ischemia and reperfusion: First evidence for the role of synapse in ischemic tolerance. <i>Synapse</i> , 2016, 70, 351-360.	1.2	14
10	Mitigating Effect of Resveratrol on the Structural Changes of Mice Liver and Kidney Induced by Cadmium; A Stereological Study. <i>Preventive Nutrition and Food Science</i> , 2015, 20, 266-275.	1.6	14
11	Electrical stimulation of nucleus raphe dorsalis changes morphine self-administration and withdrawal symptoms in rats. <i>Pathophysiology</i> , 2002, 9, 1-5.	2.2	12
12	Multitechnique characterization of oligo(ethylene glycol) functionalized gold nanoparticles. <i>Biointerphases</i> , 2016, 11, 04B304.	1.6	12
13	Detection and spatial characterization of minicolumnarity in the human cerebral cortex. <i>Journal of Microscopy</i> , 2016, 261, 115-126.	1.8	12
14	The emerging role of FTY720 as a sphingosine 1-phosphate analog for the treatment of ischemic stroke: The cellular and molecular mechanisms. <i>Brain and Behavior</i> , 2021, 11, e02179.	2.2	11
15	Stereological study of the effects of morphine consumption and abstinence on the number of the neurons and oligodendrocytes in medial prefrontal cortex of rats. <i>Anatomy and Cell Biology</i> , 2013, 46, 191.	1.0	9
16	Chronic morphine consumption increase allograft rejection rate in rat through inflammatory reactions. <i>Iranian Biomedical Journal</i> , 2011, 15, 85-91.	0.7	9
17	Evaluation of Different Chemical Agents on the Germinative Layer of Sheep Hydatid Cyst After Implantation to Peritoneal Cavity of Balb/C. <i>Journal of Investigative Surgery</i> , 2009, 22, 183-187.	1.3	8
18	Effect of benzene on the cerebellar structure and behavioral characteristics in rats. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2015, 5, 568-573.	1.2	7

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19	Vitamin E can improve behavioral tests impairment, cell loss, and dendrite changes in rats's medial prefrontal cortex induced by acceptable daily dose of aspartame. <i>Acta Histochemica</i> , 2018, 120, 46-55.	1.8	7
20	Ameliorative Effects of Different Transcranial Electrical Stimulation Paradigms on the Novel Object Recognition Task in a Rat Model of Alzheimer Disease. <i>Galen</i> , 2019, 8, e1440.	0.6	6
21	Spatial arrangement of the heart structure: Application of second-order stereology in diabetic rats. <i>Annals of Anatomy</i> , 2014, 196, 20-25.	1.9	5
22	Estimating the surface area of nonconvex particles from central planar sections. <i>Journal of Microscopy</i> , 2014, 255, 49-64.	1.8	4
23	Impact of liver damage on blood-borne variables and pulmonary hemodynamic responses to hypoxia and hyperoxia in anesthetized rats. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 13.	1.7	4
24	Pioglitazone Ameliorates Neuron Loss in the Cortex after Aluminum-Treatment in Rats. <i>Neurology Research International</i> , 2015, 2015, 1-8.	1.3	2
25	First and second order stereology of hyaline cartilage: Application on mice femoral cartilage. <i>Annals of Anatomy</i> , 2016, 208, 24-30.	1.9	2
26	Microscopic evaluation of the ventricular tissue using stereological and Voronoi tessellation methods: Application on doxorubicin-induced cardiotoxicity in rats. <i>Micron</i> , 2017, 101, 1-7.	2.2	2
27	Sinoatrial node remodels in chronic sleep-restricted rats. <i>Chronobiology International</i> , 2019, 36, 510-516.	2.0	2
28	Curcumin can prevent the loss of sinoatrial node cells in methionine-treated rats: A stereological study. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 3448-3452.	3.8	2
29	Ameliorative Effects of Different Transcranial Electrical Stimulation Paradigms on the Novel Object Recognition Task in a Rat Model of Alzheimer Disease. <i>Galen</i> , 2019, 8, e1440.	0.6	1
30	The association of Generalized Epilepsy with Febrile Seizures plus (GEFS+) with FEB1 gene: A new insight to the etiology of GEFS+. <i>Porto Biomedical Journal</i> , 2017, 2, 228-229.	1.0	0
31	Stereological and Biochemical Effects of Curcumin on the L-Methionine-Induced Cardiotoxicity in Rats. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2021, 45, 841-847.	1.5	0
32	Curcumin's effects on the reproductive and nervous systems. <i>EXCLI Journal</i> , 2017, 16, 712-713.	0.7	0