

Mahdi Eskandarian Boroujeni

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

650
citations

623734

14
h-index

642732

23
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41
all docs

41
docs citations

41
times ranked

816
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined molecular, structural and memory data unravel the destructive effect of tramadol on hippocampus. <i>Neuroscience Letters</i> , 2022, 771, 136418.	2.1	3
2	Dysregulated Interferon Response and Immune Hyperactivation in Severe COVID-19: Targeting STATs as a Novel Therapeutic Strategy. <i>Frontiers in Immunology</i> , 2022, 13, .	4.8	29
3	Chronic Exposure to Tramadol Induces Neurodegeneration in the Cerebellum of Adult Male Rats. <i>Neurotoxicity Research</i> , 2021, 39, 1134-1147.	2.7	7
4	Magnetic Targeting of Human Olfactory Mucosa Stem Cells Following Intranasal Administration: a Novel Approach to Parkinson's Disease Treatment. <i>Molecular Neurobiology</i> , 2021, 58, 3835-3847.	4.0	17
5	The role of Tetrahydrocannabinol in inducing disrupted signaling cascades, hippocampal atrophy and memory defects. <i>Journal of Chemical Neuroanatomy</i> , 2021, 113, 101943.	2.1	4
6	From Transcriptome to Behavior: Intranasal Injection of Late Passage Human Olfactory Stem Cells Displays Potential in a Rat Model of Parkinson's Disease. <i>ACS Chemical Neuroscience</i> , 2021, 12, 2209-2217.	3.5	7
7	Inflammatory Response Leads to Neuronal Death in Human Post-Mortem Cerebral Cortex in Patients with COVID-19. <i>ACS Chemical Neuroscience</i> , 2021, 12, 2143-2150.	3.5	50
8	Implantation of human olfactory ecto-mesenchymal stem cells restores locomotion in a rat model of Parkinson's disease. <i>Journal of Chemical Neuroanatomy</i> , 2021, 114, 101961.	2.1	8
9	Methamphetamine-Triggered Neurotoxicity in Human Dorsolateral Prefrontal Cortex. <i>Galen</i> , 2021, 10, e2016.	0.6	4
10	Transplantation of human dental pulp stem cells compensates for striatal atrophy and modulates neuro-inflammation in 3-nitropropionic acid rat model of Huntington's disease. <i>Neuroscience Research</i> , 2021, 170, 133-144.	1.9	16
11	Functional and structural alternations in the choroid plexus upon methamphetamine exposure. <i>Neuroscience Letters</i> , 2021, 764, 136246.	2.1	3
12	Functional dopaminergic neurons derived from human chorionic mesenchymal stem cells ameliorate striatal atrophy and improve behavioral deficits in Parkinsonian rat model. <i>Anatomical Record</i> , 2020, 303, 2274-2289.	1.4	7
13	Methamphetamine administration impairs behavior, memory and underlying signaling pathways in the hippocampus. <i>Behavioural Brain Research</i> , 2020, 379, 112300.	2.2	32
14	Complementation of dopaminergic signaling by Pitx3-GDNF synergy induces dopamine secretion by multipotent Ntera2 cells. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 200-212.	2.6	5
15	Long-term administration of high-dose methylphenidate-induced cerebellar morphology and function damage in adult rats. <i>Journal of Chemical Neuroanatomy</i> , 2020, 103, 101712.	2.1	6
16	From dysregulated microRNAs to structural alterations in the striatal region of METH-injected rats. <i>Journal of Chemical Neuroanatomy</i> , 2020, 109, 101854.	2.1	13
17	Tramadol: a Potential Neurotoxic Agent Affecting Prefrontal Cortices in Adult Male Rats and PC-12 Cell Line. <i>Neurotoxicity Research</i> , 2020, 38, 385-397.	2.7	16
18	Chronic administration of methylphenidate did not affect memory and GDNF levels but increase astrogliosis in adult male rat's hippocampus. <i>Journal of Chemical Neuroanatomy</i> , 2020, 108, 101818.	2.1	2

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19	Tramadol exposure upregulated apoptosis, inflammation and autophagy in PC12 cells and rat's striatum: An in vitro- in vivo approach. <i>Journal of Chemical Neuroanatomy</i> , 2020, 109, 101820.	2.1	14
20	Exposure to methamphetamine exacerbates motor activities and alters circular RNA profile of cerebellum. <i>Journal of Pharmacological Sciences</i> , 2020, 144, 1-8.	2.5	7
21	Grafted human chorionic stem cells restore motor function and preclude cerebellar neurodegeneration in rat model of cerebellar ataxia. <i>Metabolic Brain Disease</i> , 2020, 35, 615-625.	2.9	4
22	Differential gene expression and stereological analyses of the cerebellum following methamphetamine exposure. <i>Addiction Biology</i> , 2020, 25, e12707.	2.6	24
23	Curcumin protects purkinje neurons, ameliorates motor function and reduces cerebellar atrophy in rat model of cerebellar ataxia induced by 3-AP. <i>Journal of Chemical Neuroanatomy</i> , 2019, 102, 101706.	2.1	7
24	Methamphetamine induces neurotoxicity-associated pathways and stereological changes in prefrontal cortex. <i>Neuroscience Letters</i> , 2019, 712, 134478.	2.1	17
25	Neuro-restorative effect of sertoli cell transplants in a rat model of amyloid beta toxicity. <i>Behavioural Brain Research</i> , 2019, 367, 158-165.	2.2	16
26	Human olfactory stem cells: As a promising source of dopaminergic neuron-like cells for treatment of Parkinson's disease. <i>Neuroscience Letters</i> , 2019, 696, 52-59.	2.1	32
27	Dental pulp stem cell transplantation ameliorates motor function and prevents cerebellar atrophy in rat model of cerebellar ataxia. <i>Cell and Tissue Research</i> , 2019, 376, 179-187.	2.9	22
28	Differentiation of human mesenchymal stem cells (MSC) to dopaminergic neurons: A comparison between Wharton's Jelly and olfactory mucosa as sources of MSCs. <i>Journal of Chemical Neuroanatomy</i> , 2019, 96, 126-133.	2.1	58
29	A panel of noncoding RNAs in non-small cell lung cancer. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 8280-8290.	2.6	41
30	Human Umbilical Cord Matrix Stem Cells Reverse Oxidative Stress-Induced Cell Death and Ameliorate Motor Function and Striatal Atrophy in Rat Model of Huntington Disease. <i>Neurotoxicity Research</i> , 2018, 34, 273-284.	2.7	38
31	Sertoli Cells Avert Neuroinflammation-Induced Cell Death and Improve Motor Function and Striatal Atrophy in Rat Model of Huntington Disease. <i>Journal of Molecular Neuroscience</i> , 2018, 65, 17-27.	2.3	24
32	The Superiority of Sucrose Cushion Centrifugation to Ultrafiltration and PEGylation in Generating High-Titer Lentivirus Particles and Transducing Stem Cells with Enhanced Efficiency. <i>Molecular Biotechnology</i> , 2018, 60, 185-193.	2.4	7
33	Resveratrol Protects Purkinje Neurons and Restores Muscle Activity in Rat Model of Cerebellar Ataxia. <i>Journal of Molecular Neuroscience</i> , 2018, 65, 35-42.	2.3	6
34	Dopaminergic induction of human adipose-derived mesenchymal stem cells is accompanied by transcriptional activation of autophagy. <i>Cell Biology International</i> , 2018, 42, 1688-1694.	3.0	3
35	Synergy Between Choroid Plexus Epithelial Cell-Conditioned Medium and Knockout Serum Replacement Converts Human Adipose-Derived Stem Cells to Dopamine-Secreting Neurons. <i>Rejuvenation Research</i> , 2017, 20, 309-319.	1.8	25
36	In vitro Differentiation of Adipose Derived Stem Cells into Functional Dopaminergic Neurons. <i>Biomedical and Pharmacology Journal</i> , 2017, 10, 595-605.	0.5	5

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37	Neural differentiation of choroid plexus epithelial cells: role of human traumatic cerebrospinal fluid. <i>Neural Regeneration Research</i> , 2017, 12, 84.	3.0	7
38	Umbilical cord: an unlimited source of cells differentiable towards dopaminergic neurons. <i>Neural Regeneration Research</i> , 2017, 12, 1186.	3.0	32
39	The Proliferation and Differentiation Capacity of Bone Marrow Derived- Human Mesenchymal Stem Cells in Early and Late Doubling. <i>Asian Journal of Biochemistry</i> , 2011, 7, 27-36.	0.5	13
40	Enzymatic Screening and Random Amplified Polymorphic DNA Fingerprinting of Soil Streptomyces Isolated from Wayanad District in Kerala, India. <i>Journal of Biological Sciences</i> , 2011, 12, 43-50.	0.3	10
41	Identification of potential apicoplast associated therapeutic targets in human and animal pathogen <i>Toxoplasma gondii</i> ME49. <i>Bioinformation</i> , 2011, 7, 379-383.	0.5	9