

Hossein Aleyasin

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

4,320
citations

201674

27
h-index

361022

35
g-index

36
all docs

36
docs citations

36
times ranked

5989
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypersensitivity of DJ-1-deficient mice to 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) and oxidative stress. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 5215-5220.	7.1	639
2	Social stress induces neurovascular pathology promoting depression. Nature Neuroscience, 2017, 20, 1752-1760.	14.8	617
3	Individual differences in the peripheral immune system promote resilience versus susceptibility to social stress. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16136-16141.	7.1	545
4	Sex Differences in Nucleus Accumbens Transcriptome Profiles Associated with Susceptibility versus Resilience to Subchronic Variable Stress. Journal of Neuroscience, 2015, 35, 16362-16376.	3.6	308
5	Role of Cdk5-Mediated Phosphorylation of Prx2 in MPTP Toxicity and Parkinson's Disease. Neuron, 2007, 55, 37-52.	8.1	225
6	Basal forebrain projections to the lateral habenula modulate aggression reward. Nature, 2016, 534, 688-692.	27.8	193
7	Establishment of a repeated social defeat stress model in female mice. Scientific Reports, 2017, 7, 12838.	3.3	176
8	The Parkinson's disease gene DJ-1 is also a key regulator of stroke-induced damage. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 18748-18753.	7.1	148
9	DJ-1 protects the nigrostriatal axis from the neurotoxin MPTP by modulation of the AKT pathway. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3186-3191.	7.1	145
10	Multiple cyclin-dependent kinases signals are critical mediators of ischemia/hypoxic neuronal death in vitro and in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 14080-14085.	7.1	128
11	Differential Roles of Nuclear and Cytoplasmic Cyclin-Dependent Kinase 5 in Apoptotic and Excitotoxic Neuronal Death. Journal of Neuroscience, 2005, 25, 8954-8966.	3.6	122
12	Nuclear Factor- κ B Modulates the p53 Response in Neurons Exposed to DNA Damage. Journal of Neuroscience, 2004, 24, 2963-2973.	3.6	110
13	Orexin signaling in GABAergic lateral habenula neurons modulates aggressive behavior in male mice. Nature Neuroscience, 2020, 23, 638-650.	14.8	98
14	Recent advances in hydrogen peroxide imaging for biological applications. Cell and Bioscience, 2014, 4, 64.	4.8	87
15	Excitatory transmission at thalamo-striatal synapses mediates susceptibility to social stress. Nature Neuroscience, 2015, 18, 962-964.	14.8	86
16	Neurocircuitry of aggression and aggression seeking behavior: nose poking into brain circuitry controlling aggression. Current Opinion in Neurobiology, 2018, 49, 184-191.	4.2	65
17	Cell-type-specific role for nucleus accumbens neuroligin-2 in depression and stress susceptibility. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1111-1116.	7.1	61
18	β 1- and β 3-Adrenergic Receptor-Mediated Mesolimbic Homeostatic Plasticity Confers Resilience to Social Stress in Susceptible Mice. Biological Psychiatry, 2019, 85, 226-236.	1.3	53

#	ARTICLE	IF	CITATIONS
19	Role of cyclooxygenase-2 induction by transcription factor Sp1 and Sp3 in neuronal oxidative and DNA damage response. <i>FASEB Journal</i> , 2006, 20, 2375-2377.	0.5	52
20	Cell-Type-Specific Role of FosB in Nucleus Accumbens In Modulating Intermale Aggression. <i>Journal of Neuroscience</i> , 2018, 38, 5913-5924.	3.6	52
21	Depression and Social Defeat Stress Are Associated with Inhibitory Synaptic Changes in the Nucleus Accumbens. <i>Journal of Neuroscience</i> , 2020, 40, 6228-6233.	3.6	50
22	An emerging role for the lateral habenula in aggressive behavior. <i>Pharmacology Biochemistry and Behavior</i> , 2017, 162, 79-86.	2.9	48
23	NF- κ B in neurons? The Uncertainty Principle in neurobiology. <i>Journal of Neurochemistry</i> , 2006, 97, 607-618.	3.9	44
24	DJ-1 Interacts with and Regulates Paraonase-2, an Enzyme Critical for Neuronal Survival in Response to Oxidative Stress. <i>PLoS ONE</i> , 2014, 9, e106601.	2.5	42
25	Integrative Analysis of Sex-Specific microRNA Networks Following Stress in Mouse Nucleus Accumbens. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 144.	2.9	35
26	Role of Monocyte-Derived MicroRNA106b/425 in Resilience to Social Stress. <i>Biological Psychiatry</i> , 2019, 86, 474-482.	1.3	35
27	Regulation of the VHL/HIF-1 Pathway by DJ-1. <i>Journal of Neuroscience</i> , 2014, 34, 8043-8050.	3.6	34
28	Pim-1 kinase as activator of the cell cycle pathway in neuronal death induced by DNA damage. <i>Journal of Neurochemistry</i> , 2010, 112, 497-510.	3.9	20
29	Wilm's tumor 1 promotes memory flexibility. <i>Nature Communications</i> , 2019, 10, 3756.	12.8	20
30	Two-photon fluorescence imaging of intracellular hydrogen peroxide with chemoselective fluorescent probes. <i>Journal of Biomedical Optics</i> , 2013, 18, 106002.	2.6	18
31	Antihelminthic Benzimidazoles Are Novel HIF Activators That Prevent Oxidative Neuronal Death via Binding to Tubulin. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 121-134.	5.4	17
32	Sex-specific peripheral and central responses to stress-induced depression and treatment in a mouse model. <i>Journal of Neuroscience Research</i> , 2020, 98, 2541-2553.	2.9	14
33	Neuromodulatory effect of interleukin 1 β in the dorsal raphe nucleus on individual differences in aggression. <i>Molecular Psychiatry</i> , 2022, 27, 2563-2579.	7.9	14
34	Spatial, Temporal, and Quantitative Manipulation of Intracellular Hydrogen Peroxide in Cultured Cells. <i>Methods in Enzymology</i> , 2014, 547, 251-273.	1.0	13
35	87. Social Stress Induces Neurovascular Pathology Promoting Immune Infiltration and Depression. <i>Biological Psychiatry</i> , 2018, 83, S36.	1.3	3