

Osamu Hori

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

2,321
citations

218677

26
h-index

223800

46
g-index

53
all docs

53
docs citations

53
times ranked

3617
citing authors

#	ARTICLE	IF	CITATIONS
1	A Fiber Dissection Study of the Anterior Commissure: Correlations with Diffusion Spectrum Imaging Tractography and Clinical Relevance in Gliomas. <i>Brain Topography</i> , 2022, 35, 232-240.	1.8	3
2	Localized astrogenesis regulates gyrification of the cerebral cortex. <i>Science Advances</i> , 2022, 8, eabi5209.	10.3	17
3	Abnormal social behavior and altered gene expression in mice lacking NDRG2. <i>Neuroscience Letters</i> , 2021, 743, 135563.	2.1	1
4	Inhibition of CD38 and supplementation of nicotinamide riboside ameliorate lipopolysaccharide-induced microglial and astrocytic neuroinflammation by increasing NAD ⁺ . <i>Journal of Neurochemistry</i> , 2021, 158, 311-327.	3.9	35
5	The ATF6 ² -calreticulin axis promotes neuronal survival under endoplasmic reticulum stress and excitotoxicity. <i>Scientific Reports</i> , 2021, 11, 13086.	3.3	11
6	CD38, CD157, and RAGE as Molecular Determinants for Social Behavior. <i>Cells</i> , 2020, 9, 62.	4.1	40
7	Deletion of CD38 and supplementation of NAD ⁺ attenuate axon degeneration in a mouse facial nerve axotomy model. <i>Scientific Reports</i> , 2020, 10, 17795.	3.3	11
8	Therapeutics potentiating microglial p21-Nrf2 axis can rescue neurodegeneration caused by neuroinflammation. <i>Science Advances</i> , 2020, 6, .	10.3	26
9	Direct evidence of the relationship between brain metastatic adenocarcinoma and white matter fibers: A fiber dissection and diffusion tensor imaging tractography study. <i>Journal of Clinical Neuroscience</i> , 2020, 77, 55-61.	1.5	4
10	Does the superior fronto-occipital fascicle exist in the human brain? Fiber dissection and brain functional mapping in 90 patients with gliomas. <i>NeuroImage: Clinical</i> , 2020, 25, 102192.	2.7	9
11	Pyramid-Shape Crossings and Intercrossing Fibers Are Key Elements for Construction of the Neural Network in the Superficial White Matter of the Human Cerebrum. <i>Cerebral Cortex</i> , 2020, 30, 5218-5228.	2.9	23
12	Deletion of CD38 Suppresses Glial Activation and Neuroinflammation in a Mouse Model of Demyelination. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 258.	3.7	36
13	Caspase-1 initiates apoptosis in the absence of gasdermin D. <i>Nature Communications</i> , 2019, 10, 2091.	12.8	301
14	Pre-administration of low-dose methamphetamine enhances movement and neural activity after high-dose methamphetamine administration in the striatum. <i>Neuroscience Letters</i> , 2019, 703, 119-124.	2.1	4
15	Microglial activation in the cochlear nucleus after early hearing loss in rats. <i>Auris Nasus Larynx</i> , 2019, 46, 716-723.	1.2	8
16	Vascular RAGE transports oxytocin into the brain to elicit its maternal bonding behaviour in mice. <i>Communications Biology</i> , 2019, 2, 76.	4.4	103
17	Soluble receptor for advanced glycation end products as a biomarker of symptomatic vasospasm in subarachnoid hemorrhage. <i>Journal of Neurosurgery</i> , 2019, , 1-9.	1.6	5
18	N ^ε -myc downstream-regulated gene 2 protects blood-brain barrier integrity following cerebral ischemia. <i>Glia</i> , 2018, 66, 1432-1446.	4.9	39

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19	<i>Ndr2</i> deficiency ameliorates neurodegeneration in experimental autoimmune encephalomyelitis. <i>Journal of Neurochemistry</i> , 2018, 145, 139-153.	3.9	11
20	Cyclic ADP-ribose as an endogenous inhibitor of the mTOR pathway downstream of dopamine receptors in the mouse striatum. <i>Journal of Neural Transmission</i> , 2018, 125, 17-24.	2.8	6
21	A dibenzoylmethane derivative inhibits lipopolysaccharide-induced NO production in mouse microglial cell line BV-2. <i>Neurochemistry International</i> , 2018, 119, 126-131.	3.8	7
22	3,4-dihydroxybenzalacetone and caffeic acid phenethyl ester induce preconditioning ER stress and autophagy in SH-SY5Y cells. <i>Journal of Cellular Physiology</i> , 2018, 233, 1671-1684.	4.1	26
23	Inhibition of nuclear factor- κ B p65 phosphorylation by 3,4-dihydroxybenzalacetone and caffeic acid phenethyl ester. <i>Journal of Pharmacological Sciences</i> , 2018, 137, 248-255.	2.5	15
24	CD38 positively regulates postnatal development of astrocytes cell-autonomously and oligodendrocytes non-cell-autonomously. <i>Glia</i> , 2017, 65, 974-989.	4.9	43
25	Deletion of <i>Herpud1</i> Enhances Heme Oxygenase-1 Expression in a Mouse Model of Parkinson's Disease. <i>Parkinson's Disease</i> , 2016, 2016, 1-9.	1.1	5
26	<i>Atf6</i> deficiency suppresses microglial activation and ameliorates pathology of experimental autoimmune encephalomyelitis. <i>Journal of Neurochemistry</i> , 2016, 139, 1124-1137.	3.9	33
27	Deletion of <i>Atf6</i> enhances kainate-induced neuronal death in mice. <i>Neurochemistry International</i> , 2016, 92, 67-74.	3.8	16
28	Transgenic supplementation of SIRT1 fails to alleviate acute loss of nigrostriatal dopamine neurons and gliosis in a mouse model of MPTP-induced parkinsonism. <i>F1000Research</i> , 2015, 4, 130.	1.6	11
29	Deletion of <i>Atf6</i> impairs astroglial activation and enhances neuronal death following brain ischemia in mice. <i>Journal of Neurochemistry</i> , 2015, 132, 342-353.	3.9	64
30	Anxiety- and depression-like behavior in mice lacking the CD157/BST1 gene, a risk factor for Parkinson's disease. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 133.	2.0	78
31	3,4-dihydroxybenzalacetone Protects Against Parkinson's Disease-Related Neurotoxin 6-OHDA Through Akt/Nrf2/Glutathione Pathway. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 151-160.	2.6	37
32	Deletion of <i>N-myc downstream-regulated gene 2</i> attenuates reactive astrogliosis and inflammatory response in a mouse model of cortical stab injury. <i>Journal of Neurochemistry</i> , 2014, 130, 374-387.	3.9	41
33	Antioxidant effects of the highly-substituted carbazole alkaloids and their related carbazoles. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 3530-3533.	2.2	38
34	RAGE mediates vascular injury and inflammation after global cerebral ischemia. <i>Neurochemistry International</i> , 2012, 60, 220-228.	3.8	55
35	ATF6 α Promotes Astroglial Activation and Neuronal Survival in a Chronic Mouse Model of Parkinson's Disease. <i>PLoS ONE</i> , 2012, 7, e47950.	2.5	88
36	The effect of <i>Ndr2</i> expression on astroglial activation. <i>Neurochemistry International</i> , 2011, 59, 21-27.	3.8	39

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37	Î±-Lipoic acid (LA) enantiomers protect SH-SY5Y cells against glutathione depletion. <i>Neurochemistry International</i> , 2011, 59, 1003-1009.	3.8	31
38	Ascorbic acid partly antagonizes resveratrol mediated heme oxygenase-1 but not paraoxonase-1 induction in cultured hepatocytes - role of the redox-regulated transcription factor Nrf2. <i>BMC Complementary and Alternative Medicine</i> , 2011, 11, 1.	3.7	143
39	A dibenzoylmethane derivative protects against hydrogen peroxide-induced cell death and inhibits lipopolysaccharide-induced nitric oxide production in cultured rat astrocytes. <i>Journal of Neuroscience Research</i> , 2011, 89, 955-965.	2.9	11
40	Deletion of Herp facilitates degradation of cytosolic proteins. <i>Genes To Cells</i> , 2010, 15, 843-853.	1.2	23
41	A Carbazole Derivative Protects Cells Against Endoplasmic Reticulum (ER) Stress and Glutathione Depletion. <i>Journal of Pharmacological Sciences</i> , 2008, 108, 164-171.	2.5	16
42	Vaticanol B, a resveratrol tetramer, regulates endoplasmic reticulum stress and inflammation. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 293, C411-C418.	4.6	62
43	Methoxyflavones protect cells against endoplasmic reticulum stress and neurotoxin. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 292, C353-C361.	4.6	59
44	A dibenzoylmethane derivative protects dopaminergic neurons against both oxidative stress and endoplasmic reticulum stress. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 293, C1884-C1894.	4.6	44
45	Does ORP150/HSP12A Protect Dopaminergic Neurons Against MPTP/MPP⁺-Induced Neurotoxicity?. <i>Antioxidants and Redox Signaling</i> , 2007, 9, 589-595.	5.4	15
46	Deletion of SERP1/RAMP4, a Component of the Endoplasmic Reticulum (ER) Translocation Sites, Leads to ER Stress. <i>Molecular and Cellular Biology</i> , 2006, 26, 4257-4267.	2.3	52
47	ORP150/HSP12A Regulates Purkinje Cell Survival: A Role for Endoplasmic Reticulum Stress in Cerebellar Development. <i>Journal of Neuroscience</i> , 2004, 24, 1486-1496.	3.6	69
48	Transmission of cell stress from endoplasmic reticulum to mitochondria. <i>Journal of Cell Biology</i> , 2002, 157, 1151-1160.	5.2	189
49	ORP150 protects against hypoxia/ischemia-induced neuronal death. <i>Nature Medicine</i> , 2001, 7, 317-323.	30.7	187
50	Expression of the endoplasmic reticulum molecular chaperone (ORP150) rescues hippocampal neurons from glutamate toxicity. <i>Journal of Clinical Investigation</i> , 2001, 108, 1439-1450.	8.2	125
51	Oxytocin Dynamics in the Body and Brain Regulated by the Receptor for Advanced Glycation End-Products, CD38, CD157, and Nicotinamide Riboside. <i>Frontiers in Neuroscience</i> , 0, 16, .	2.8	6