

Hailong Song

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

4,102
citations

257101

24
h-index

189595

50
g-index

51
all docs

51
docs citations

51
times ranked

6519
citing authors

#	ARTICLE	IF	CITATIONS
1	S-Nitrosylation of Drp1 Mediates β -Amyloid-Related Mitochondrial Fission and Neuronal Injury. <i>Science</i> , 2009, 324, 102-105.	6.0	957
2	S-Nitrosylation of Matrix Metalloproteinases: Signaling Pathway to Neuronal Cell Death. <i>Science</i> , 2002, 297, 1186-1190.	6.0	897
3	A Highly Specific Inhibitor of Matrix Metalloproteinase-9 Rescues Laminin from Proteolysis and Neurons from Apoptosis in Transient Focal Cerebral Ischemia. <i>Journal of Neuroscience</i> , 2005, 25, 6401-6408.	1.7	397
4	Docosahexaenoic acid (DHA): An essential nutrient and a nutraceutical for brain health and diseases. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018, 136, 3-13.	1.0	172
5	Pro-inflammatory cytokines and lipopolysaccharide induce changes in cell morphology, and upregulation of ERK1/2, iNOS and sPLA2-IIA expression in astrocytes and microglia. <i>Journal of Neuroinflammation</i> , 2011, 8, 121.	3.1	136
6	Redox Reactions Induced by Nitrosative Stress Mediate Protein Misfolding and Mitochondrial Dysfunction in Neurodegenerative Diseases. <i>Molecular Neurobiology</i> , 2010, 41, 55-72.	1.9	130
7	Quercetin Attenuates Inflammatory Responses in BV-2 Microglial Cells: Role of MAPKs on the Nrf2 Pathway and Induction of Heme Oxygenase-1. <i>PLoS ONE</i> , 2015, 10, e0141509.	1.1	128
8	Proteomic Quantification and Site-Mapping of <i>S</i> -Nitrosylated Proteins Using Isobaric iodoTMT Reagents. <i>Journal of Proteome Research</i> , 2014, 13, 3200-3211.	1.8	104
9	Selective Inhibition of Matrix Metalloproteinase-9 Attenuates Secondary Damage Resulting from Severe Traumatic Brain Injury. <i>PLoS ONE</i> , 2013, 8, e76904.	1.1	95
10	Inhibition of MMP-9 by a selective gelatinase inhibitor protects neurovasculature from embolic focal cerebral ischemia. <i>Molecular Neurodegeneration</i> , 2012, 7, 21.	4.4	93
11	Cytosolic phospholipase A2 plays a crucial role in ROS/NO signaling during microglial activation through the lipoxygenase pathway. <i>Journal of Neuroinflammation</i> , 2015, 12, 199.	3.1	79
12	Magnolia polyphenols attenuate oxidative and inflammatory responses in neurons and microglial cells. <i>Journal of Neuroinflammation</i> , 2013, 10, 15.	3.1	73
13	Role of Cytosolic Phospholipase A2 in Oxidative and Inflammatory Signaling Pathways in Different Cell Types in the Central Nervous System. <i>Molecular Neurobiology</i> , 2014, 50, 6-14.	1.9	71
14	Yin-Yang Mechanisms Regulating Lipid Peroxidation of Docosahexaenoic Acid and Arachidonic Acid in the Central Nervous System. <i>Frontiers in Neurology</i> , 2019, 10, 642.	1.1	53
15	Unveiling anti-oxidative and anti-inflammatory effects of docosahexaenoic acid and its lipid peroxidation product on lipopolysaccharide-stimulated BV-2 microglial cells. <i>Journal of Neuroinflammation</i> , 2018, 15, 202.	3.1	52
16	Triptolide treatment reduces Alzheimer's disease (AD)-like pathology through inhibition of BACE1 in a transgenic mouse model of AD. <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 1385-1395.	1.2	50
17	Proteomic Profiling of Mouse Brains Exposed to Blast-Induced Mild Traumatic Brain Injury Reveals Changes in Axonal Proteins and Phosphorylated Tau. <i>Journal of Alzheimer's Disease</i> , 2018, 66, 751-773.	1.2	48
18	Linking blast physics to biological outcomes in mild traumatic brain injury: Narrative review and preliminary report of an open-field blast model. <i>Behavioural Brain Research</i> , 2018, 340, 147-158.	1.2	47

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19	Ultrastructural brain abnormalities and associated behavioral changes in mice after low-intensity blast exposure. <i>Behavioural Brain Research</i> , 2018, 347, 148-157.	1.2	36
20	Phytochemicals and botanical extracts regulate NF- κ B and Nrf2/ARE reporter activities in DI TNC1 astrocytes. <i>Neurochemistry International</i> , 2016, 97, 49-56.	1.9	35
21	Therapeutic Effects of Fucoidan in 6 α -Hydroxydopamine α 1-Lesioned Rat Model of Parkinson's disease: Role of NADPH oxidase α 1. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 1036-1044.	1.9	34
22	Gelatinase activity imaged by activatable cell-penetrating peptides in cell-based and <i>in vivo</i> models of stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 188-200.	2.4	34
23	Protective Effects of AGE and Its Components on Neuroinflammation and Neurodegeneration. <i>NeuroMolecular Medicine</i> , 2016, 18, 474-482.	1.8	32
24	NitroDIGE analysis reveals inhibition of protein S-nitrosylation by epigallocatechin gallates in lipopolysaccharide-stimulated microglial cells. <i>Journal of Neuroinflammation</i> , 2014, 11, 17.	3.1	26
25	Proteomic Analysis of the Effects of Aged Garlic Extract and Its FruArg Component on Lipopolysaccharide-Induced Neuroinflammatory Response in Microglial Cells. <i>PLoS ONE</i> , 2014, 9, e113531.	1.1	24
26	Dietary Sutherlandia and Elderberry Mitigate Cerebral Ischemia-Induced Neuronal Damage and Attenuate p47phox and Phospho-ERK1/2 Expression in Microglial Cells. <i>ASN Neuro</i> , 2014, 6, 175909141455494.	1.5	24
27	Proteomic Analysis and Biochemical Correlates of Mitochondrial Dysfunction after Low-Intensity Primary Blast Exposure. <i>Journal of Neurotrauma</i> , 2019, 36, 1591-1605.	1.7	24
28	Sutherlandia frutescens Ethanol Extracts Inhibit Oxidative Stress and Inflammatory Responses in Neurons and Microglial Cells. <i>PLoS ONE</i> , 2014, 9, e89748.	1.1	23
29	From Analysis of Ischemic Mouse Brain Proteome to Identification of Human Serum Clusterin as a Potential Biomarker for Severity of Acute Ischemic Stroke. <i>Translational Stroke Research</i> , 2019, 10, 546-556.	2.3	20
30	Effects of aged garlic extract and FruArg on gene expression and signaling pathways in lipopolysaccharide-activated microglial cells. <i>Scientific Reports</i> , 2016, 6, 35323.	1.6	18
31	Harpagophytum procumbens Extract Ameliorates Allodynia and Modulates Oxidative and Antioxidant Stress Pathways in a Rat Model of Spinal Cord Injury. <i>NeuroMolecular Medicine</i> , 2020, 22, 278-292.	1.8	17
32	Multi-Focal Neuronal Ultrastructural Abnormalities and Synaptic Alterations in Mice after Low-Intensity Blast Exposure. <i>Journal of Neurotrauma</i> , 2019, 36, 2117-2128.	1.7	16
33	Shock Wave Physics as Related to Primary Non-Impact Blast-Induced Traumatic Brain Injury. <i>Military Medicine</i> , 2021, 186, 601-609.	0.4	16
34	Early Abrogation of Gelatinase Activity Extends the Time Window for tPA Thrombolysis after Embolic Focal Cerebral Ischemia in Mice. <i>ENeuro</i> , 2018, 5, ENEURO.0391-17.2018.	0.9	16
35	Nanometer ultrastructural brain damage following low intensity primary blast wave exposure. <i>Neural Regeneration Research</i> , 2018, 13, 1516.	1.6	16
36	Botanical Polyphenols Mitigate Microglial Activation and Microglia-Induced Neurotoxicity: Role of Cytosolic Phospholipase A2. <i>NeuroMolecular Medicine</i> , 2016, 18, 415-425.	1.8	15

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37	Maternal Dietary Docosahexaenoic Acid Alters Lipid Peroxidation Products and (n-3)/(n-6) Fatty Acid Balance in Offspring Mice. <i>Metabolites</i> , 2019, 9, 40.	1.3	14
38	Increased perihematomal neuron autophagy and plasma thrombin-antithrombin levels in patients with intracerebral hemorrhage. <i>Medicine (United States)</i> , 2019, 98, e17130.	0.4	12
39	Bioactive components from garlic on brain resiliency against neuroinflammation and neurodegeneration (Review). <i>Experimental and Therapeutic Medicine</i> , 2020, 19, 1554-1559.	0.8	11
40	Perspectives on Primary Blast Injury of the Brain: Translational Insights Into Non-inertial Low-Intensity Blast Injury. <i>Frontiers in Neurology</i> , 2021, 12, 818169.	1.1	11
41	Two-Dimensional Zymography Differentiates Gelatinase Isoforms in Stimulated Microglial Cells and in Brain Tissues of Acute Brain Injuries. <i>PLoS ONE</i> , 2015, 10, e0123852.	1.1	10
42	Long non-coding RNA TCONS_00000200 as a non-invasive biomarker in patients with intracranial aneurysm. <i>Bioscience Reports</i> , 2019, 39, .	1.1	7
43	Low-intensity blast induces acute glutamatergic hyperexcitability in mouse hippocampus leading to long-term learning deficits and altered expression of proteins involved in synaptic plasticity and serine protease inhibitors. <i>Neurobiology of Disease</i> , 2022, 165, 105634.	2.1	7
44	Development of a Method and Validation for the Quantitation of FruArg in Mice Plasma and Brain Tissue Using UPLC-MS/MS. <i>ACS Omega</i> , 2016, 1, 663-668.	1.6	6
45	Does Concurrent Use of Some Botanicals Interfere with Treatment of Tuberculosis?. <i>NeuroMolecular Medicine</i> , 2016, 18, 483-486.	1.8	4
46	Long-Term Effects of Low-Intensity Blast Non-Inertial Brain Injury on Anxiety-Like Behaviors in Mice: Home-Cage Monitoring Assessments. <i>Neurotrauma Reports</i> , 2022, 3, 27-38.	0.5	4
47	Docosahexaenoic Acid (DHA) Supplementation Alters Phospholipid Species and Lipid Peroxidation Products in Adult Mouse Brain, Heart, and Plasma. <i>NeuroMolecular Medicine</i> , 2021, 23, 118-129.	1.8	3
48	Social inequity in health awareness and its association with health service utilization in ethnic conflict regions in northeastern Myanmar. <i>Zeitschrift Fur Gesundheitswissenschaften</i> , 2018, 26, 301-308.	0.8	2
49	Examination of Gelatinase Isoforms in Rodent Models of Acute Neurodegenerative Diseases Using Two-Dimensional Zymography. <i>Methods in Molecular Biology</i> , 2017, 1626, 147-155.	0.4	2
50	Gelatinase-Mediated Impairment of Microvascular Beds in Cerebral Ischemia and Reperfusion Injury. <i>Springer Series in Translational Stroke Research</i> , 2018, , 1-14.	0.1	1