Handong Wang

List of Publications by Year
in descending order

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		81839	128225
85	3,985	39	60
papers	citations	h-index	g-index

87	87	87	5905
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Anlotinib combined with temozolomide suppresses glioblastoma growth via mediation of JAK2/STAT3 signaling pathway. Cancer Chemotherapy and Pharmacology, 2022, 89, 183-196.	1.1	16
2	Microsurgical treatment of middle cerebral artery stenosis or occlusion: a single center experience and literature review. BMC Surgery, 2022, 22, 87.	0.6	4
3	Circular RNA in Acute Central Nervous System Injuries: A New Target for Therapeutic Intervention. Frontiers in Molecular Neuroscience, 2022, 15, 816182.	1.4	15
4	Peroxisome proliferator-activated receptor-Î³ ameliorates neuronal ferroptosis after traumatic brain injury in mice by inhibiting cyclooxygenase-2. Experimental Neurology, 2022, 354, 114100.	2.0	22
5	Smarcd1 Inhibits the Malignant Phenotypes of Human Glioblastoma Cells via Crosstalk with Notch1. Molecular Neurobiology, 2021, 58, 1438-1452.	1.9	2
6	LncRNA NEAT1 Enhances Glioma Progression via Regulating the miR-128-3p/ITGA5 Axis. Molecular Neurobiology, 2021, 58, 5163-5177.	1.9	13
7	The Role of N-myc Downstream-Regulated Gene Family in Glioma Based on Bioinformatics Analysis. DNA and Cell Biology, 2021, 40, 949-968.	0.9	2
8	Identifying critical genes associated with aneurysmal subarachnoid hemorrhage by weighted gene co-expression network analysis. Aging, 2021, 13, 22345-22360.	1.4	4
9	Naringenin attenuates endoplasmic reticulum stress, reduces apoptosis, and improves functional recovery in experimental traumatic brain injury. Brain Research, 2021, 1769, 147591.	1.1	13
10	Restoration of Brain Angiotensin-Converting Enzyme 2 Alleviates Neurological Deficits after Severe Traumatic Brain Injury via Mitigation of Pyroptosis and Apoptosis. Journal of Neurotrauma, 2021, , .	1.7	10
11	Podoplanin influences the inflammatory phenotypes and mobility of microglia in traumatic brain injury. Biochemical and Biophysical Research Communications, 2020, 523, 361-367.	1.0	25
12	FTY720 in CNS injuries: Molecular mechanisms and therapeutic potential. Brain Research Bulletin, 2020, 164, 75-82.	1.4	15
13	Knockdown of T Cell Immunoglobulin and Mucin 1 (Tim-1) Suppresses Glioma Progression Through Inhibition of the Cytokine-PI3K/AKT Pathway . OncoTargets and Therapy, 2020, Volume 13, 7433-7445.	1.0	4
14	Efficacy and Safety of Low-Dose Tirofiban for Acute Intracranial Atherosclerotic Stenosis Related Occlusion with Residual Stenosis after Endovascular Treatment. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 104619.	0.7	27
15	Sodium aescinate provides neuroprotection in experimental traumatic brain injury via the Nrf2-ARE pathway. Brain Research Bulletin, 2020, 157, 26-36.	1.4	21
16	Dihydroartemisinin initiates ferroptosis in glioblastoma through GPX4 inhibition. Bioscience Reports, 2020, 40, .	1.1	72
17	Inhibition of Cathepsin S Induces Mitochondrial Apoptosis in Glioblastoma Cell Lines Through Mitochondrial Stress and Autophagosome Accumulation. Frontiers in Oncology, 2020, 10, 516746.	1.3	17
18	Long Non-coding RNA in CNS Injuries: A New Target for Therapeutic Intervention. Molecular Therapy - Nucleic Acids, 2019, 17, 754-766.	2.3	79

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19	Simple dural closure using a knotless barbed suture in endoscopic transsphenoidal surgery: preliminary experience. Acta Oto-Laryngologica, 2019, 139, 1140-1144.	0.3	3
20	Effect Analysis of Microsurgical Clipping and Endovascular Embolization for the Treatment of Middle Cerebral Artery Aneurysms. World Neurosurgery, 2019, 125, e1074-e1081.	0.7	4
21	Role of mitochondrial calcium uniporterâ€mediated Ca²⁺ and iron accumulation in traumatic brain injury. Journal of Cellular and Molecular Medicine, 2019, 23, 2995-3009.	1.6	48
22	Stereotactic Aspiration of Necrotic Brain Tissue for Treating Malignant Middle Cerebral Artery Infarction: A Report of 13 Consecutive Cases. World Neurosurgery, 2019, 124, 435-444.	0.7	2
23	Neuroprotection by quercetin via mitochondrial function adaptation in traumatic brain injury: PGCâ€1Î± pathway as a potential mechanism. Journal of Cellular and Molecular Medicine, 2018, 22, 883-891.	1.6	38
24	Curcumin provides neuroprotection in model of traumatic brain injury via the Nrf2-ARE signaling pathway. Brain Research Bulletin, 2018, 140, 65-71.	1.4	74
25	Universal Sellar Anatomical Reconstruction Using the Sellar Floor Flap after Endoscopic Pituitary Adenoma Surgery. Otolaryngology - Head and Neck Surgery, 2018, 158, 774-776.	1.1	7
26	Long non-coding RNA CASP5 promotes the malignant phenotypes of human glioblastoma multiforme. Biochemical and Biophysical Research Communications, 2018, 500, 966-972.	1.0	15
27	Targeting Long Noncoding RNA HMMR-AS1 Suppresses and Radiosensitizes Glioblastoma. Neoplasia, 2018, 20, 456-466.	2.3	37
28	Targeting the NF-E2-Related Factor 2 Pathway: a Novel Strategy for Traumatic Brain Injury. Molecular Neurobiology, 2018, 55, 1773-1785.	1.9	53
29	RIP1 and RIP3 mediate hemin-induced cell death in HT22 hippocampal neuronal cells. Neuropsychiatric Disease and Treatment, 2018, Volume 14, 3111-3119.	1.0	19
30	Targeting Long Noncoding RNA in Glioma: A Pathway Perspective. Molecular Therapy - Nucleic Acids, 2018, 13, 431-441.	2.3	47
31	Baicalin suppresses proliferation, migration, and invasion in human glioblastoma cells via Ca²⁺-dependent pathway. Drug Design, Development and Therapy, 2018, Volume 12, 3247-3261.	2.0	40
32	SS-31 Provides Neuroprotection by Reversing Mitochondrial Dysfunction after Traumatic Brain Injury. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-12.	1.9	42
33	Fisetin alleviates oxidative stress after traumatic brain injury via the Nrf2-ARE pathway. Neurochemistry International, 2018, 118, 304-313.	1.9	64
34	Chrysin suppresses proliferation, migration, and invasion in glioblastoma cell lines via mediating the ERK/Nrf2 signaling pathway. Drug Design, Development and Therapy, 2018, Volume 12, 721-733.	2.0	69
35	Valproic Acid Attenuates Traumatic Brain Injury-Induced Inflammation in Vivo: Involvement of Autophagy and the Nrf2/ARE Signaling Pathway. Frontiers in Molecular Neuroscience, 2018, 11, 117.	1.4	61
36	Autophagy in Traumatic Brain Injury: A New Target for Therapeutic Intervention. Frontiers in Molecular Neuroscience, 2018, 11, 190.	1.4	60

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37	Risk Factors Associated with Neurologic Deterioration After Combined Direct andÂIndirectÂRevascularization in Patients with Moyamoya Disease on the East CoastÂof China. World Neurosurgery, 2018, 118, e92-e98.	0.7	12
38	Baicalin provides neuroprotection in traumatic brain injury mice model through Akt/Nrf2 pathway. Drug Design, Development and Therapy, 2018, Volume 12, 2497-2508.	2.0	71
39	Baicalin Protects Mice Brain From Apoptosis in Traumatic Brain Injury Model Through Activation of Autophagy. Frontiers in Neuroscience, 2018, 12, 1006.	1.4	35
40	Mitochondrial-targeted antioxidant MitoQ provides neuroprotection and reduces neuronal apoptosis in experimental traumatic brain injury possibly via the Nrf2-ARE pathway. American Journal of Translational Research (discontinued), 2018, 10, 1887-1899.	0.0	40
41	dl-3-n-Butylphthalide (NBP) Provides Neuroprotection in the Mice Models After Traumatic Brain Injury via Nrf2-ARE Signaling Pathway. Neurochemical Research, 2017, 42, 1375-1386.	1.6	36
42	Luteolin induces apoptosis by ROS/ER stress and mitochondrial dysfunction in gliomablastoma. Cancer Chemotherapy and Pharmacology, 2017, 79, 1031-1041.	1.1	92
43	Fucoxanthin provides neuroprotection in models of traumatic brain injury via the Nrf2-ARE and Nrf2-autophagy pathways. Scientific Reports, 2017, 7, 46763.	1.6	130
44	Nrf2-ARE signaling provides neuroprotection in traumatic brain injury via modulation of the ubiquitin proteasome system. Neurochemistry International, 2017, 111, 32-44.	1.9	28
45	Long non-coding RNA PVT1 indicates a poor prognosis of glioma and promotes cell proliferation and invasion via target EZH2. Bioscience Reports, 2017, 37, .	1.1	42
46	Luteolin reduces migration of human glioblastoma cell lines via inhibition of the p-IGF-1R/PI3K/AKT/mTOR signaling pathway. Oncology Letters, 2017, 14, 3545-3551.	0.8	56
47	FTY720 inhibits the Nrf2/ARE pathway in human glioblastoma cell lines and sensitizes glioblastoma cells to temozolomide. Pharmacological Reports, 2017, 69, 1186-1193.	1.5	42
48	Ursolic Acid Ameliorates Early Brain Injury After Experimental Traumatic Brain Injury in Mice by Activating the Nrf2 Pathway. Neurochemical Research, 2017, 42, 337-346.	1.6	56
49	VPA and MEL induce apoptosis by inhibiting the Nrf2-ARE signaling pathway in TMZ-resistant U251 cells. Molecular Medicine Reports, 2017, 16, 908-914.	1.1	13
50	COX-2/sEH dual inhibitor PTUPB suppresses glioblastoma growth by targeting epidermal growth factor receptor and hyaluronan mediated motility receptor. Oncotarget, 2017, 8, 87353-87363.	0.8	24
51	Sinomenine Provides Neuroprotection in Model of Traumatic Brain Injury via the Nrf2â€“ARE Pathway. Frontiers in Neuroscience, 2016, 10, 580.	1.4	37
52	Interplay between VEGF and Nrf2 regulates angiogenesis due to intracranial venous hypertension. Scientific Reports, 2016, 6, 37338.	1.6	58
53	Knockdown of retinoblastoma protein may sensitize glioma cells to cisplatin through inhibition of autophagy. Neuroscience Letters, 2016, 620, 137-142.	1.0	20
54	Tetrahydrocurcumin provides neuroprotection in rats after traumatic brain injury: autophagy and the PI3K/AKT pathways as a potential mechanism. Journal of Surgical Research, 2016, 206, 67-76.	0.8	50

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55	Microglial activation induced by the alarmin S100B is regulated by poly(ADPâ€ribose) polymeraseâ€1. Glia, 2016, 64, 1869-1878.	2.5	32
56	Inhibition of Autophagy by Chloroquine Enhances the Antitumor Efficacy of Sorafenib in Glioblastoma. Cellular and Molecular Neurobiology, 2016, 36, 1197-1208.	1.7	33
57	Silencing Nrf2 impairs glioma cell proliferation via AMPK-activated mTOR inhibition. Biochemical and Biophysical Research Communications, 2016, 469, 665-671.	1.0	30
58	Traumatic Brain Injury-Induced Neuronal Apoptosis is Reduced Through Modulation of PI3K and Autophagy Pathways in Mouse by FTY720. Cellular and Molecular Neurobiology, 2016, 36, 131-142.	1.7	64
59	Protective Effects of Quercetin on Mitochondrial Biogenesis in Experimental Traumatic Brain Injury via the Nrf2 Signaling Pathway. PLoS ONE, 2016, 11, e0164237.	1.1	73
60	Quercetin induces mitochondrial biogenesis in experimental traumatic brain injury via the PGC-1Î± signaling pathway. American Journal of Translational Research (discontinued), 2016, 8, 3558-66.	0.0	9
61	Multiple Mechanisms of Anti-Cancer Effects Exerted by Astaxanthin. Marine Drugs, 2015, 13, 4310-4330.	2.2	141
62	Alpha lipoic acid inhibits neural apoptosis via a mitochondrial pathway in rats following traumatic brain injury. Neurochemistry International, 2015, 87, 85-91.	1.9	42
63	FTY720 induces autophagy-related apoptosis and necroptosis in human glioblastoma cells. Toxicology Letters, 2015, 236, 43-59.	0.4	61
64	Rapamycin protects against apoptotic neuronal death and improves neurologic function after traumatic brain injury in mice via modulation of the mTOR-p53-Bax axis. Journal of Surgical Research, 2015, 194, 239-247.	0.8	52
65	The linear-ordered collagen scaffold-BDNF complex significantly promotes functional recovery after completely transected spinal cord injury in canine. Biomaterials, 2015, 41, 89-96.	5.7	123
66	Necrostatin-1 Ameliorates Intracerebral Hemorrhage-Induced Brain Injury in Mice Through Inhibiting RIP1/RIP3 Pathway. Neurochemical Research, 2015, 40, 643-650.	1.6	81
67	Application of intraoperative magnetic resonance imaging in large invasive pituitary adenoma surgery. Asian Journal of Surgery, 2015, 38, 168-173.	0.2	13
68	Melatonin protects the brain from apoptosis by enhancement ofÂautophagy after traumatic brain injury in mice. Neurochemistry International, 2015, 91, 46-54.	1.9	90
69	Differential Nrf2 expression between glioma stem cells and non-stem-like cells in glioblastoma. Oncology Letters, 2014, 7, 693-698.	0.8	22
70	Knockdown of Nrf2 suppresses glioblastoma angiogenesis by inhibiting hypoxia-induced activation of HIF-1Î±. International Journal of Cancer, 2014, 135, 574-584.	2.3	94
71	Genetic elimination of Nrf2 aggravates secondary complications except for vasospasm after experimental subarachnoid hemorrhage in mice. Brain Research, 2014, 1558, 90-99.	1.1	35
72	Luteolin provides neuroprotection in models of traumatic brain injury via the Nrf2â€“ARE pathway. Free Radical Biology and Medicine, 2014, 71, 186-195.	1.3	151

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73	Posttraumatic administration of luteolin protects mice from traumatic brain injury: Implication of autophagy and inflammation. Brain Research, 2014, 1582, 237-246.	1.1	54
74	The role of hydrocephalus in the development of Chiari I malformation and syringomyelia. Journal of the Neurological Sciences, 2014, 344, 240-242.	0.3	9
75	Melatonin reduced microglial activation and alleviated neuroinflammation induced neuron degeneration in experimental traumatic brain injury: Possible involvement of mTOR pathway. Neurochemistry International, 2014, 76, 23-31.	1.9	90
76	Melatonin stimulates antioxidant enzymes and reduces oxidative stress in experimental traumatic brain injury: the Nrf2â€“ARE signaling pathway as a potential mechanism. Free Radical Biology and Medicine, 2014, 73, 1-11.	1.3	187
77	Inhibition of cathepsin S induces autophagy and apoptosis in human glioblastoma cell lines through ROS-mediated PI3K/AKT/mTOR/p70S6K and JNK signaling pathways. Toxicology Letters, 2014, 228, 248-259.	0.4	128
78	Mollugin induces tumor cell apoptosis and autophagy via the PI3K/AKT/mTOR/p70S6K and ERK signaling pathways. Biochemical and Biophysical Research Communications, 2014, 450, 247-254.	1.0	67
79	Knockdown of nuclear factor erythroid 2-related factor 2 by lentivirus induces differentiation of glioma stem-like cells. Oncology Reports, 2014, 32, 1170-1178.	1.2	22
80	Wogonoside induces autophagy-related apoptosis in human glioblastoma cells. Oncology Reports, 2014, 32, 1179-1187.	1.2	26
81	Targeting the NF-E2-related factor 2 pathway: A novel strategy for glioblastoma (Review). Oncology Reports, 2014, 32, 443-450.	1.2	24
82	The involvement of Nrf2â€“ARE pathway in regulation of apoptosis in human glioblastoma cell U251. Neurological Research, 2013, 35, 71-78.	0.6	42
83	Inhibition of Cathepsin S Produces Neuroprotective Effects after Traumatic Brain Injury in Mice. Mediators of Inflammation, 2013, 2013, 1-11.	1.4	58
84	Beneficial Effects of Ethyl Pyruvate through Inhibiting High-Mobility Group Box 1 Expression and TLR4/NF-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î</mml:mi></mml:math>B Pathway after Traumatic Brain Injury in the Rat. Mediators of Inflammation, 2011, 2011, 1-10.	1.4	101
85	Disruption of Nrf2 Enhances Upregulation of Nuclear Factor-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î</mml:mi></mml:math>B Activity, Proinflammatory Cytokines, and Intercellular Adhesion Molecule-1 in the Brain after Traumatic Brain Injury. Mediators of Inflammation, 2008, 2008, 1-7.	1.4	144