Chun-hua Hang

List of Publications by Year
in descending order

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101 papers	3,848 citations	101543 36 h-index	155660 55 g-index
106 all docs	106 docs citations	106 times ranked	4275 citing authors

#	Article	IF	Citations
1	PDK4 Decrease Neuronal Apoptosis via Inhibiting ROS-ASK1/P38 Pathway in Early Brain Injury After Subarachnoid Hemorrhage. Antioxidants and Redox Signaling, 2022, 36, 505-524.	5.4	22
2	Knock-Down of CD24 in Astrocytes Aggravates Oxyhemoglobin-Induced Hippocampal Neuron Impairment. Neurochemical Research, 2022, 47, 590-600.	3.3	8
3	The Mfn1-Î²IIPKC Interaction Regulates Mitochondrial Dysfunction via Sirt3 Following Experimental Subarachnoid Hemorrhage. Translational Stroke Research, 2022, 13, 845-857.	4.2	9
4	Edonerpic maleate regulates glutamate receptors through CRMP2- and Arc-mediated mechanisms in response to brain trauma. Cell Death Discovery, 2022, 8, 95.	4.7	5
5	Decreased Expression of CIRP Induced by Therapeutic Hypothermia Correlates with Reduced Early Brain Injury after Subarachnoid Hemorrhage. Journal of Clinical Medicine, 2022, 11, 3411.	2.4	2
6	High Expression of PDK4 Could Play a Potentially Protective Role by Attenuating Oxidative Stress after Subarachnoid Hemorrhage. Journal of Clinical Medicine, 2022, 11, 3974.	2.4	3
7	MFG-E8 attenuates inflammation in subarachnoid hemorrhage by driving microglial M2 polarization. Experimental Neurology, 2021, 336, 113532.	4.1	37
8	Astaxanthin ameliorates oxidative stress and neuronal apoptosis via SIRT1/NRF2/Prx2/ASK1/p38 after traumatic brain injury in mice. British Journal of Pharmacology, 2021, 178, 1114-1132.	5.4	75
9	TRAF3 mediates neuronal apoptosis in early brain injury following subarachnoid hemorrhage via targeting TAK1-dependent MAPKs and NF-ÎºB pathways. Cell Death and Disease, 2021, 12, 10.	6.3	37
10	Resolvin D1 Attenuates Innate Immune Reactions in Experimental Subarachnoid Hemorrhage Rat Model. Molecular Neurobiology, 2021, 58, 1963-1977.	4.0	19
11	Cannabidiol inhibits human glioma by induction of lethal mitophagy through activating TRPV4. Autophagy, 2021, 17, 3592-3606.	9.1	86
12	Cerebroprotection by dioscin after experimental subarachnoid haemorrhage via inhibiting NLRP3 inflammasome through SIRT1â€dependent pathway. British Journal of Pharmacology, 2021, 178, 3648-3666.	5.4	23
13	Giant Serpentine Distal Anterior Cerebral Artery Aneurysm Treated with In Situ Side-to-Side A3-A3 Anastomosis and Aneurysm Resection. World Neurosurgery, 2020, 133, 21-24.	1.3	2
14	Inhibition of Elevated Hippocampal CD24 Reduces Neurogenesis in Mice With Traumatic Brain Injury. Journal of Surgical Research, 2020, 245, 321-329.	1.6	11
15	Inhibition of Casein Kinase II by CX-4945, But Not Yes-associated protein (YAP) by Verteporfin, Enhances the Antitumor Efficacy of Temozolomide in Glioblastoma. Translational Oncology, 2020, 13, 70-78.	3.7	15
16	Fucoxanthin Mitigates Subarachnoid Hemorrhage-Induced Oxidative Damage via Sirtuin 1-Dependent Pathway. Molecular Neurobiology, 2020, 57, 5286-5298.	4.0	26
17	Functions of resolvin D1-ALX/FPR2 receptor interaction in the hemoglobin-induced microglial inflammatory response and neuronal injury. Journal of Neuroinflammation, 2020, 17, 239.	7.2	38
18	Aucubin alleviates oxidative stress and inflammation via Nrf2-mediated signaling activity in experimental traumatic brain injury. Journal of Neuroinflammation, 2020, 17, 188.	7.2	96

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19	Recombinant OX40 attenuates neuronal apoptosis through OX40-OX40L/PI3K/AKT signaling pathway following subarachnoid hemorrhage in rats. Experimental Neurology, 2020, 326, 113179.	4.1	19
20	Arc silence aggravates traumatic neuronal injury via mGluR1-mediated ER stress and necroptosis. Cell Death and Disease, 2020, 11, 4.	6.3	40
21	MiR-146a Ameliorates Hemoglobin-Induced Microglial Inflammatory Response via TLR4/IRAK1/TRAF6 Associated Pathways. Frontiers in Neuroscience, 2020, 14, 311.	2.8	32
22	Elevated hippocampal CD24 in astrocytes participates in neural regeneration possibly via activating SHP2/ERK pathway after experimental traumatic brain injury in mice. American Journal of Translational Research (discontinued), 2020, 12, 6395-6408.	0.0	0
23	Astaxanthin mitigates subarachnoid hemorrhage injury primarily by increasing sirtuin 1 and inhibiting the Tollâ€like receptor 4 signaling pathway. FASEB Journal, 2019, 33, 722-737.	0.5	71
24	Curcumin Mitigates Neuro-Inflammation by Modulating Microglia Polarization Through Inhibiting TLR4 Axis Signaling Pathway Following Experimental Subarachnoid Hemorrhage. Frontiers in Neuroscience, 2019, 13, 1223.	2.8	53
25	Association of Admission Serum Glucoseâ€“Phosphate Ratio with Severity and Prognosis of Aneurysmal Subarachnoid Hemorrhage. World Neurosurgery, 2019, 127, e1145-e1151.	1.3	17
26	The Potassium SK Channel Activator NS309 Protects Against Experimental Traumatic Brain Injury Through Anti-Inflammatory and Immunomodulatory Mechanisms. Frontiers in Pharmacology, 2019, 10, 1432.	3.5	13
27	DHEA Attenuates Microglial Activation via Induction of JMJD3 in Experimental Subarachnoid Haemorrhage. Journal of Neuroinflammation, 2019, 16, 243.	7.2	37
28	Peroxiredoxin 1/2 protects brain against H₂O₂â€induced apoptosis after subarachnoid hemorrhage. FASEB Journal, 2019, 33, 3051-3062.	0.5	53
29	The rise of soluble platelet-derived growth factor receptor Î² in CSF early after subarachnoid hemorrhage correlates with cerebral vasospasm. Neurological Sciences, 2018, 39, 1105-1111.	1.9	8
30	Case report about a successful full robotic radical gastric cancer surgery with intracorporeal robot-sewn anastomosis in a patient with situs inversus totalis and a two-and-a-half-year follow-up study. World Journal of Surgical Oncology, 2018, 16, 41.	1.9	18
31	Peroxiredoxin 2 activates microglia by interacting with Toll-like receptor 4 after subarachnoid hemorrhage. Journal of Neuroinflammation, 2018, 15, 87.	7.2	93
32	Biphasic activation of nuclear factor-ÎºB and expression of p65 and c-Rel following traumatic neuronal injury. International Journal of Molecular Medicine, 2018, 41, 3203-3210.	4.0	9
33	Inhibition of leukotriene B4 synthesis protects against early brain injury possibly via reducing the neutrophil-generated inflammatory response and oxidative stress after subarachnoid hemorrhage in rats. Behavioural Brain Research, 2018, 339, 19-27.	2.2	21
34	Recombinant milk fat globule-EGF factor-8 reduces apoptosis via integrin Î²3/FAK/PI3K/AKT signaling pathway in rats after traumatic brain injury. Cell Death and Disease, 2018, 9, 845.	6.3	45
35	Cerebroprotection by salvianolic acid B after experimental subarachnoid hemorrhage occurs via Nrf2- and SIRT1-dependent pathways. Free Radical Biology and Medicine, 2018, 124, 504-516.	2.9	89
36	Biochanin A Reduces Inflammatory Injury and Neuronal Apoptosis following Subarachnoid Hemorrhage via Suppression of the TLRs/TIRAP/MyD88/NF-ÎºB Pathway. Behavioural Neurology, 2018, 2018, 1-10.	2.1	41

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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.	1.3	12
38	Inhibition of the Receptor for Advanced Glycation End-Products (RAGE) Attenuates Neuroinflammation While Sensitizing Cortical Neurons Towards Death in Experimental Subarachnoid Hemorrhage. Molecular Neurobiology, 2017, 54, 755-767.	4.0	30
39	Pentoxifylline Alleviates Early Brain Injury After Experimental Subarachnoid Hemorrhage in Rats: Possibly via Inhibiting TLR 4/NF-ÎºB Signaling Pathway. Neurochemical Research, 2017, 42, 963-974.	3.3	22
40	Inhibition of myeloid differentiation primary response protein 88 provides neuroprotection in early brain injury following experimental subarachnoid hemorrhage. Scientific Reports, 2017, 7, 15797.	3.3	17
41	Resveratrol Attenuates Early Brain Injury after Experimental Subarachnoid Hemorrhage via Inhibition of NLRP3 Inflammasome Activation. Frontiers in Neuroscience, 2017, 11, 611.	2.8	88
42	Roles of Pannexin-1 Channels in Inflammatory Response through the TLRs/NF-Kappa B Signaling Pathway Following Experimental Subarachnoid Hemorrhage in Rats. Frontiers in Molecular Neuroscience, 2017, 10, 175.	2.9	46
43	Tetramethylpyrazine Protects against Early Brain Injury after Experimental Subarachnoid Hemorrhage by Affecting Mitochondrial-Dependent Caspase-3 Apoptotic Pathway. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-9.	1.2	7
44	High expression of B7-H6 in human glioma tissues promotes tumor progression. Oncotarget, 2017, 8, 37435-37447.	1.8	31
45	Resveratrol Attenuates Acute Inflammatory Injury in Experimental Subarachnoid Hemorrhage in Rats via Inhibition of TLR4 Pathway. International Journal of Molecular Sciences, 2016, 17, 1331.	4.1	63
46	Upregulation of miR-183 expression and its clinical significance in human brain glioma. Neurological Sciences, 2016, 37, 1341-1347.	1.9	20
47	Inhibition of myeloid differentiation factor 88(MyD88) by ST2825 provides neuroprotection after experimental traumatic brain injury in mice. Brain Research, 2016, 1643, 130-139.	2.2	27
48	Onyx Embolization for Tentorial Dural Arteriovenous Fistula with Pial Arterial Supply: Case Series and Analysis of Complications. World Neurosurgery, 2016, 92, 58-64.	1.3	38
49	The effect of subarachnoid erythrocyte lysate on brain injury: a preliminary study. Bioscience Reports, 2016, 36, .	2.4	12
50	Expression and cell distribution of leukotriene B4 receptor 1 in the rat brain cortex after experimental subarachnoid hemorrhage. Brain Research, 2016, 1652, 127-134.	2.2	19
51	Elevated cerebrospinal fluid levels of thrombospondin-1 correlate with adverse clinical outcome in patients with aneurysmal subarachnoid hemorrhage. Journal of the Neurological Sciences, 2016, 369, 126-130.	0.6	11
52	Increased Expression of Caspase-12 After Experimental Subarachnoid Hemorrhage. Neurochemical Research, 2016, 41, 3407-3416.	3.3	16
53	Sirtuin 1 activation protects against early brain injury after experimental subarachnoid hemorrhage in rats. Cell Death and Disease, 2016, 7, e2416-e2416.	6.3	112
54	Akt Specific Activator SC79 Protects against Early Brain Injury following Subarachnoid Hemorrhage. ACS Chemical Neuroscience, 2016, 7, 710-718.	3.5	40

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55	Upregulation of HMGB1 in wall of ruptured and unruptured human cerebral aneurysms: preliminary results. Neurological Sciences, 2016, 37, 219-226.	1.9	7
56	Fisetin alleviates early brain injury following experimental subarachnoid hemorrhage in rats possibly by suppressing TLR 4/NF-ÎºB signaling pathway. Brain Research, 2015, 1629, 250-259.	2.2	40
57	Decreased progranulin levels in patients and rats with subarachnoid hemorrhage: a potential role in inhibiting inflammation by suppressing neutrophil recruitment. Journal of Neuroinflammation, 2015, 12, 200.	7.2	30
58	IL-33 Expression in the Cerebral Cortex Following Experimental Subarachnoid Hemorrhage in Rats. Cellular and Molecular Neurobiology, 2015, 35, 493-501.	3.3	23
59	Blockage of mitochondrial calcium uniporter prevents iron accumulation in a model of experimental subarachnoid hemorrhage. Biochemical and Biophysical Research Communications, 2015, 456, 835-840.	2.1	22
60	Role of Mitochondrial Calcium Uniporter in Early Brain Injury After Experimental Subarachnoid Hemorrhage. Molecular Neurobiology, 2015, 52, 1637-1647.	4.0	40
61	Astaxanthin reduces matrix metalloproteinase-9 expression and activity in the brain after experimental subarachnoid hemorrhage in rats. Brain Research, 2015, 1624, 113-124.	2.2	35
62	Inhibition of SENP3 by lentivirus induces suppression of apoptosis in experimental subarachnoid hemorrhage in rats. Brain Research, 2015, 1622, 270-278.	2.2	9
63	Expression and Cell Distribution of SENP3 in the Cerebral Cortex After Experimental Subarachnoid Hemorrhage in Rats: A Pilot Study. Cellular and Molecular Neurobiology, 2015, 35, 407-416.	3.3	7
64	Expression of Cytoplasmic Gelsolin in Rat Brain After Experimental Subarachnoid Hemorrhage. Cellular and Molecular Neurobiology, 2015, 35, 723-731.	3.3	3
65	Expression and Cell Distribution of SENP3 in Brain Tissue After Traumatic Brain Injury in Mice: A Pilot Study. Cellular and Molecular Neurobiology, 2015, 35, 733-740.	3.3	7
66	Necroptosis, a novel type of programmed cell death, contributes to early neural cells damage after spinal cord injury in adult mice. Journal of Spinal Cord Medicine, 2015, 38, 745-753.	1.4	97
67	TGFÎ²-activated Kinase 1 (TAK1) Inhibition by 5Z-7-Oxozeaenol Attenuates Early Brain Injury after Experimental Subarachnoid Hemorrhage. Journal of Biological Chemistry, 2015, 290, 19900-19909.	3.4	41
68	Increased Expression of NLRP3 Inflammasome in Wall of Ruptured and Unruptured Human Cerebral Aneurysms: Preliminary Results. Journal of Stroke and Cerebrovascular Diseases, 2015, 24, 972-979.	1.6	15
69	Baicalein alleviates early brain injury after experimental subarachnoid hemorrhage in rats: Possible involvement of TLR4/NF-ÎºB-mediated inflammatory pathway. Brain Research, 2015, 1594, 245-255.	2.2	46
70	Ghrelin alleviates early brain injury after subarachnoid hemorrhage via the PI3K/Akt signaling pathway. Brain Research, 2014, 1587, 15-22.	2.2	29
71	Early release of high-mobility group box 1 (HMGB1) from neurons in experimental subarachnoid hemorrhage in vivo and in vitro. Journal of Neuroinflammation, 2014, 11, 106.	7.2	126
72	Increased cerebrospinal fluid concentrations of asymmetric dimethylarginine correlate with adverse clinical outcome in subarachnoid hemorrhage patients. Journal of Clinical Neuroscience, 2014, 21, 1404-1408.	1.5	12

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73	Elevated Cerebral Cortical CD24 Levels in Patients and Mice with Traumatic Brain Injury: A Potential Negative Role in Nuclear Factor Kappa B/Inflammatory Factor Pathway. Molecular Neurobiology, 2014, 49, 187-198.	4.0	30
74	Biphasic activation of nuclear factor kappa B and expression of p65 and c-Rel after traumatic brain injury in rats. Inflammation Research, 2014, 63, 109-115.	4.0	33
75	Growth inhibitory in vitro effects of glycyrrhizic acid in U251 glioblastoma cell line. Neurological Sciences, 2014, 35, 1115-1120.	1.9	44
76	Expression and cell distribution of receptor for advanced glycation end-products in the rat cortex following experimental subarachnoid hemorrhage. Brain Research, 2014, 1543, 315-323.	2.2	50
77	Expression and Cell Distribution of Neuroglobin in the Brain Tissue After Experimental Subarachnoid Hemorrhage in Rats: A Pilot Study. Cellular and Molecular Neurobiology, 2014, 34, 247-255.	3.3	16
78	TLR4 inhibitor resatorvid provides neuroprotection in experimental traumatic brain injury: Implication in the treatment of human brain injury. Neurochemistry International, 2014, 75, 11-18.	3.8	42
79	Expression of the NLRP3 Inflammasome in Cerebral Cortex After Traumatic Brain Injury in a Rat Model. Neurochemical Research, 2013, 38, 2072-2083.	3.3	231
80	Increased expression of ferritin in cerebral cortex after human traumatic brain injury. Neurological Sciences, 2013, 34, 1173-1180.	1.9	43
81	Glycyrrhizic acid confers neuroprotection after subarachnoid hemorrhage via inhibition of high mobility group box-1 protein: A hypothesis for novel therapy of subarachnoid hemorrhage. Medical Hypotheses, 2013, 81, 681-685.	1.5	27
82	Recombinant high-mobility group box 1 protein (HMGB-1) promotes myeloid differentiation primary response protein 88 (Myd88) upregulation in mouse primary cortical neurons. Neurological Sciences, 2013, 34, 847-853.	1.9	14
83	Expression of intestinal myeloid differentiation primary response protein 88 (Myd88) following experimental traumatic brain injury in a mouse model. Journal of Surgical Research, 2013, 179, e227-e234.	1.6	15
84	Enhanced cortical expression of myeloid differentiation primary response protein 88 (Myd88) in patients with traumatic brain injury. Journal of Surgical Research, 2013, 180, 133-139.	1.6	15
85	Expression of intestinal CD40 after experimental traumatic brain injury in rats. Journal of Surgical Research, 2013, 184, 1022-1027.	1.6	7
86	Expression and cell distribution of myeloid differentiation primary response protein 88 in the cerebral cortex following experimental subarachnoid hemorrhage in rats: A pilot study. Brain Research, 2013, 1520, 134-144.	2.2	30
87	Suppression of JAK2/STAT3 Signaling Reduces End-to-End Arterial Anastomosis Induced Cell Proliferation in Common Carotid Arteries of Rats. PLoS ONE, 2013, 8, e58730.	2.5	8
88	Activation of JAK2/STAT pathway in cerebral cortex after experimental traumatic brain injury of rats. Neuroscience Letters, 2011, 498, 147-152.	2.1	68
89	Expression of myeloid differentiation primary response protein 88 (Myd88) in the cerebral cortex after experimental traumatic brain injury in rats. Brain Research, 2011, 1396, 96-104.	2.2	46
90	Simvastatin reduces secondary brain injury caused by cortical contusion in rats: Possible involvement of TLR4/NF-ÎºB pathway. Experimental Neurology, 2009, 216, 398-406.	4.1	120

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91	N-acetylcysteine suppresses oxidative stress in experimental rats with subarachnoid hemorrhage. Journal of Clinical Neuroscience, 2009, 16, 684-688.	1.5	36
92	Progesterone administration modulates TLRs/NF-kappaB signaling pathway in rat brain after cortical contusion. Annals of Clinical and Laboratory Science, 2008, 38, 65-74.	0.2	66
93	Apoptosis and Functional Changes of Dipeptide Transporter (PepT1) in the Rat Small Intestine After Traumatic Brain Injury. Journal of Surgical Research, 2007, 137, 53-60.	1.6	32
94	Potential Contribution of Nuclear Factor-ÎºB to Cerebral Vasospasm after Experimental Subarachnoid Hemorrhage in Rabbits. Journal of Cerebral Blood Flow and Metabolism, 2007, 27, 1583-1592.	4.3	83
95	Expression of Toll-like receptor 4 in the basilar artery after experimental subarachnoid hemorrhage in rabbits: A preliminary study. Brain Research, 2007, 1173, 110-116.	2.2	37
96	Cortical expression of nuclear factor ÎºB after human brain contusion. Brain Research, 2006, 1109, 14-21.	2.2	73
97	Expressions of intestinal NF-ÎºB, TNF-Î±, and IL-6 following traumatic brain injury in rats. Journal of Surgical Research, 2005, 123, 188-193.	1.6	86
98	Up-regulation of intestinal nuclear factor kappa B and intercellular adhesion molecule-1 following traumatic brain injury in rats. World Journal of Gastroenterology, 2005, 11, 1149.	3.3	39
99	Concomitant upregulation of nuclear factor-kB activity, proinflammatory cytokines and ICAM-1 in the injured brain after cortical contusion trauma in a rat model. Neurology India, 2005, 53, 312.	0.4	46
100	Effect of systemic LPS injection on cortical NF-ÎºB activity and inflammatory response following traumatic brain injury in rats. Brain Research, 2004, 1026, 23-32.	2.2	106
101	Levels of vasoactive intestinal peptide, cholecystokinin and calcitonin gene-related peptide in plasma and jejunum of rats following traumatic brain injury and underlying significance in gastrointestinal dysfunction. World Journal of Gastroenterology, 2004, 10, 875.	3.3	26