Chun-Jung Chen

List of Publications by Year
in descending order

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153 papers	10,347 citations	61945 43 h-index	36008 97 g-index
153 all docs	153 docs citations	153 times ranked	20269 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
2	Transplantation of bone marrow stromal cells for peripheral nerve repair. Experimental Neurology, 2007, 204, 443-453.	2.0	250
3	Glial activation involvement in neuronal death by Japanese encephalitis virus infection. Journal of General Virology, 2010, 91, 1028-1037.	1.3	143
4	Gliotoxic Action of Glutamate on Cultured Astrocytes. Journal of Neurochemistry, 2002, 75, 1557-1565.	2.1	139
5	Neuroprotection by tetramethylpyrazine against ischemic brain injury in rats. Neurochemistry International, 2006, 48, 166-176.	1.9	139
6	Post-injury regeneration in rat sciatic nerve facilitated by neurotrophic factors secreted by amniotic fluid mesenchymal stem cells. Journal of Clinical Neuroscience, 2007, 14, 1089-1098.	0.8	139
7	Tetramethylpyrazine reduces ischemic brain injury in rats. Neuroscience Letters, 2004, 372, 40-45.	1.0	131
8	Oxidative Stress Involves in Astrocytic Alterations Induced by Manganese. Experimental Neurology, 2002, 175, 216-225.	2.0	125
9	Upregulation of RANTES Gene Expression in Neuroglia by Japanese Encephalitis Virus Infection. Journal of Virology, 2004, 78, 12107-12119.	1.5	125
10	Protective effect of docosahexaenoic acid against brain injury in ischemic rats. Journal of Nutritional Biochemistry, 2009, 20, 715-725.	1.9	108
11	Tetramethylpyrazine reduces cellular inflammatory response following permanent focal cerebral ischemia in rats. Experimental Neurology, 2013, 247, 188-201.	2.0	102
12	Inhibition of nitric oxide production by quercetin in endotoxin/cytokine-stimulated microglia. Life Sciences, 2010, 86, 315-321.	2.0	99
13	Docosahexaenoic acid reduces cellular inflammatory response following permanent focal cerebral ischemia in rats. Journal of Nutritional Biochemistry, 2013, 24, 2127-2137.	1.9	91
14	Odd Chain Fatty Acids; New Insights of the Relationship Between the Gut Microbiota, Dietary Intake, Biosynthesis and Glucose Intolerance. Scientific Reports, 2017, 7, 44845.	1.6	90
15	Infection of Pericytes In Vitro by Japanese Encephalitis Virus Disrupts the Integrity of the Endothelial Barrier. Journal of Virology, 2014, 88, 1150-1161.	1.5	87
16	Disruption of in vitro endothelial barrier integrity by <scp>J</scp>apanese encephalitis virusâ€infected astrocytes. Glia, 2015, 63, 1915-1932.	2.5	87
17	Manganese modulates pro-inflammatory gene expression in activated glia. Neurochemistry International, 2006, 49, 62-71.	1.9	84
18	Inhibition of inducible nitric oxide synthase expression by baicalein in endotoxin/cytokine-stimulated microglia. Biochemical Pharmacology, 2004, 67, 957-965.	2.0	83

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19	Glutamate released by Japanese encephalitis virusâ€infected microglia involves TNFâ€± signaling and contributes to neuronal death. Glia, 2012, 60, 487-501.	2.5	80
20	Luteolin inhibits cytokine expression in endotoxin/cytokine-stimulated microglia. Journal of Nutritional Biochemistry, 2011, 22, 612-624.	1.9	77
21	Zinc toxicity on neonatal cortical neurons: involvement of glutathione chelation. Journal of Neurochemistry, 2003, 85, 443-453.	2.1	73
22	Protective effects of rutin on liver injury induced by biliary obstruction in rats. Free Radical Biology and Medicine, 2014, 73, 106-116.	1.3	67
23	Adipose proinflammatory cytokine expression through sympathetic system is associated with hyperglycemia and insulin resistance in a rat ischemic stroke model. American Journal of Physiology - Endocrinology and Metabolism, 2011, 300, E155-E163.	1.8	65
24	Beneficial effect of quercetin on cholestatic liver injury. Journal of Nutritional Biochemistry, 2014, 25, 1183-1195.	1.9	65
25	Beneficial effect of docosahexaenoic acid on cholestatic liver injury in rats. Journal of Nutritional Biochemistry, 2012, 23, 252-264.	1.9	61
26	Effects of naloxone on lactate, pyruvate metabolism and antioxidant enzyme activity in rat cerebral ischemia/reperfusion. Neuroscience Letters, 2000, 287, 113-116.	1.0	59
27	Prenatal buprenorphine exposure decreases neurogenesis in rats. Toxicology Letters, 2014, 225, 92-101.	0.4	59
28	Tetramethylpyrazine inhibits neutrophil activation following permanent cerebral ischemia in rats. Biochemical and Biophysical Research Communications, 2015, 463, 421-427.	1.0	59
29	Suppression of Japanese encephalitis virus infection by non-steroidal anti-inflammatory drugs. Journal of General Virology, 2002, 83, 1897-1905.	1.3	59
30	Indomethacin induces apoptosis in 786-O renal cell carcinoma cells by activating mitogen-activated protein kinases and AKT. European Journal of Pharmacology, 2007, 563, 49-60.	1.7	58
31	Opioids modulate post-ischemic progression in a rat model of stroke. Neurochemistry International, 2008, 52, 1256-1265.	1.9	58
32	Astrocytic alteration induced by Japanese encephalitis virus infection. NeuroReport, 2000, 11, 1933-1937.	0.6	57
33	Hepatoprotective activities of rosmarinic acid against extrahepatic cholestasis in rats. Food and Chemical Toxicology, 2017, 108, 214-223.	1.8	55
34	Quercetin protects against cerebral ischemia/reperfusion and oxygen glucose deprivation/reoxygenation neurotoxicity. Journal of Nutritional Biochemistry, 2020, 83, 108436.	1.9	55
35	Differential effects of cytokines and redox potential on glutamate uptake in rat cortical glial cultures. Neuroscience Letters, 2001, 299, 113-116.	1.0	52
36	Association of immune responses and ischemic brain infarction in rat. NeuroReport, 2001, 12, 1943-1947.	0.6	52

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37	Role of reactive oxygen intermediates in Japanese encephalitis virus infection in murine neuroblastoma cells. Neuroscience Letters, 2001, 315, 9-12.	1.0	51
38	Dual regeneration of muscle and nerve by intravenous administration of human amniotic fluidâ€“derived mesenchymal stem cells regulated by stromal cellâ€“derived factor-1Î± in a sciatic nerve injury model. Journal of Neurosurgery, 2012, 116, 1357-1367.	0.9	51
39	Japanese encephalitis virus stimulates superoxide dismutase activity in rat glial cultures. Neuroscience Letters, 2002, 324, 133-136.	1.0	50
40	Neuroprotection of naloxone against ischemic injury in rats: role of mu receptor antagonism. Neuroscience Letters, 2003, 345, 169-172.	1.0	50
41	Protective effect of rutin on LPS-induced acute lung injury via down-regulation of MIP-2 expression and MMP-9 activation through inhibition of Akt phosphorylation. International Immunopharmacology, 2014, 22, 409-413.	1.7	50
42	Stearic acid attenuates cholestasis-induced liver injury. Biochemical and Biophysical Research Communications, 2010, 391, 1537-1542.	1.0	48
43	Activation of Hepatic Inflammatory Pathways by Catecholamines Is Associated With Hepatic Insulin Resistance in Male Ischemic Stroke Rats. Endocrinology, 2014, 155, 1235-1246.	1.4	47
44	Neuroprotective Effect of Atorvastatin in an Experimental Model of Nerve Crush Injury. Neurosurgery, 2010, 67, 376-389.	0.6	46
45	Induction of cyclooxygenase-2 expression by manganese in cultured astrocytes. Neurochemistry International, 2007, 50, 905-915.	1.9	45
46	Cerebral ischemia/reperfusion injury in rat brain: effects of naloxone. NeuroReport, 2001, 12, 1245-1249.	0.6	44
47	Inhibition of nitric oxide production by the carbazole compound LCY-2-CHO via blockade of activator protein-1 and CCAAT/enhancer-binding protein activation in microglia. Biochemical Pharmacology, 2008, 76, 507-519.	2.0	42
48	Endothelial <scp>J</scp>apanese encephalitis virus infection enhances migration and adhesion of leukocytes to brain microvascular endothelia via <scp>MEK</scp>â€dependent expression of <scp>ICAM</scp>1 and the <scp>CINC</scp> and <scp>RANTES</scp> chemokines. Journal of Neurochemistry, 2012, 123, 250-261.	2.1	42
49	Neurotrophic and neurotoxic effects of zinc on neonatal cortical neurons. Neurochemistry International, 2003, 42, 471-479.	1.9	40
50	Detrimental effects of post-treatment with fatty acids on brain injury in ischemic rats. NeuroToxicology, 2007, 28, 1220-1229.	1.4	40
51	TNF-Î± and IL-1Î² mediate Japanese encephalitis virus-induced RANTES gene expression in astrocytes. Neurochemistry International, 2011, 58, 234-242.	1.9	40
52	Comprehensive analysis of neurobehavior associated with histomorphological alterations in a chronic constrictive nerve injury model through use of the CatWalk XT system. Journal of Neurosurgery, 2014, 120, 250-262.	0.9	39
53	Detection of subtle neurological alterations by the Catwalk XT gait analysis system. Journal of NeuroEngineering and Rehabilitation, 2014, 11, 62.	2.4	39
54	Protective effect of wogonin on proinflammatory cytokine generation via Jak1/3-STAT1/3 pathway in lipopolysaccharide stimulated BV2 microglial cells. Toxicology and Industrial Health, 2015, 31, 960-966.	0.6	39

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55	Antiviral effect of dehydroepiandrosterone on Japanese encephalitis virus infection. Journal of General Virology, 2005, 86, 2513-2523.	1.3	38
56	Depression-Like Effect of Prenatal Buprenorphine Exposure in Rats. PLoS ONE, 2013, 8, e82262.	1.1	37
57	Autophagy contributes to gefitinib-induced glioma cell growth inhibition. Experimental Cell Research, 2014, 327, 102-112.	1.2	37
58	p-Cresol Sulfate Caused Behavior Disorders and Neurodegeneration in Mice with Unilateral Nephrectomy Involving Oxidative Stress and Neuroinflammation. International Journal of Molecular Sciences, 2020, 21, 6687.	1.8	35
59	Tyrosine kinase inhibitors attenuate Japanese encephalitis virus-induced neurotoxicity. Biochemical and Biophysical Research Communications, 2005, 327, 399-406.	1.0	34
60	Spontaneous Differentiation of Adult Rat Marrow Stromal Cells in a Long-Term Culture. Journal of Veterinary Medical Science, 2007, 69, 95-102.	0.3	34
61	Glechoma hederacea extracts attenuate cholestatic liver injury in a bile duct-ligated rat model. Journal of Ethnopharmacology, 2017, 204, 58-66.	2.0	34
62	Japanese encephalitis virus infection stimulates Src tyrosine kinase in neuron/glia. Neuroscience Letters, 2007, 419, 263-268.	1.0	33
63	Potentiation of angiogenesis and regeneration by G-CSF after sciatic nerve crush injury. Biochemical and Biophysical Research Communications, 2009, 382, 177-182.	1.0	33
64	Chromium attenuates high-fat diet-induced nonalcoholic fatty liver disease in KK/HlJ mice. Biochemical and Biophysical Research Communications, 2010, 397, 459-464.	1.0	33
65	Luteolin sensitizes human 786-O renal cell carcinoma cells to TRAIL-induced apoptosis. Life Sciences, 2014, 100, 110-117.	2.0	33
66	Late administration of high-frequency electrical stimulation increases nerve regeneration without aggravating neuropathic pain in a nerve crush injury. BMC Neuroscience, 2018, 19, 37.	0.8	33
67	Fibronectin Promotes Cell Growth and Migration in Human Renal Cell Carcinoma Cells. International Journal of Molecular Sciences, 2019, 20, 2792.	1.8	33
68	Cadmium nitrate-induced neuronal apoptosis is protected by N-acetyl-l-cysteine via reducing reactive oxygen species generation and mitochondria dysfunction. Biomedicine and Pharmacotherapy, 2018, 108, 448-456.	2.5	32
69	Chromium attenuates hepatic damage in a rat model of chronic cholestasis. Life Sciences, 2009, 84, 606-614.	2.0	31
70	Indoxyl sulfate caused behavioral abnormality and neurodegeneration in mice with unilateral nephrectomy. Aging, 2021, 13, 6681-6701.	1.4	31
71	l-Glutamate activates RhoA GTPase leading to suppression of astrocyte stellation. European Journal of Neuroscience, 2006, 23, 1977-1987.	1.2	30
72	Nerolidol Suppresses the Inflammatory Response during Lipopolysaccharide-Induced Acute Lung Injury via the Modulation of Antioxidant Enzymes and the AMPK/Nrf-2/HO-1 Pathway. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-10.	1.9	29

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73	Graptopetalum paraguayense E. Walther Leaf Extracts Protect Against Brain Injury in Ischemic Rats. The American Journal of Chinese Medicine, 2010, 38, 495-516.	1.5	28
74	Hyperglycemia is associated with enhanced gluconeogenesis in a rat model of permanent cerebral ischemia. Molecular and Cellular Endocrinology, 2013, 367, 50-56.	1.6	28
75	Wogonin attenuates endotoxinâ€induced prostaglandin E2 and nitric oxide production via Srcâ€ERK1/2â€NFÎºB pathway in BVâ€2 microglial cells. Environmental Toxicology, 2014, 29, 1162-1170.	2.1	27
76	Feasibility of Human Amniotic Fluid Derived Stem Cells in Alleviation of Neuropathic Pain in Chronic Constrictive Injury Nerve Model. PLoS ONE, 2016, 11, e0159482.	1.1	27
77	Interplay of inflammatory gene expression in pericytes following Japanese encephalitis virus infection. Brain, Behavior, and Immunity, 2017, 66, 230-243.	2.0	26
78	Prevention of Axonal Degeneration by Perineurium Injection of Mitochondria in a Sciatic Nerve Crush Injury Model. Neurosurgery, 2017, 80, 475-488.	0.6	26
79	Effects of Î²-Adrenergic Blockade on Metabolic and Inflammatory Responses in a Rat Model of Ischemic Stroke. Cells, 2020, 9, 1373.	1.8	25
80	Gefitinib induces apoptosis in human glioma cells by targeting Bad phosphorylation. Journal of Neuro-Oncology, 2011, 105, 507-522.	1.4	24
81	Valproic acid sensitizes human glioma cells to gefitinibâ€induced autophagy. IUBMB Life, 2015, 67, 869-879.	1.5	24
82	Safrole induced cytotoxicity, DNA damage, and apoptosis in macrophages via reactive oxygen species generation and Akt phosphorylation. Environmental Toxicology and Pharmacology, 2018, 64, 94-100.	2.0	24
83	Association Between PM2.5 Exposure Level and Primary Open-Angle Glaucoma in Taiwanese Adults: A Nested Caseâ€“control Study. International Journal of Environmental Research and Public Health, 2021, 18, 1714.	1.2	23
84	Src signaling involvement in Japanese encephalitis virus-induced cytokine production in microglia. Neurochemistry International, 2011, 58, 924-933.	1.9	22
85	Treadmill exercise alleviated prenatal buprenorphine exposure-induced depression in rats. Neurochemistry International, 2017, 110, 91-100.	1.9	22
86	Interleukin-4 Boosts Insulin-Induced Energy Deposits by Enhancing Glucose Uptake and Lipogenesis in Hepatocytes. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-15.	1.9	22
87	Genotoxic effects of 1-nitropyrene in macrophages are mediated through a p53-dependent pathway involving cytochrome c release, caspase activation, and PARP-1 cleavage. Ecotoxicology and Environmental Safety, 2021, 213, 112062.	2.9	22
88	TNF-Î± Receptor Inhibitor Alleviates Metabolic and Inflammatory Changes in a Rat Model of Ischemic Stroke. Antioxidants, 2021, 10, 851.	2.2	22
89	Manganese stimulates stellation of cultured rat cortical astrocytes. NeuroReport, 2001, 12, 3877-3881.	0.6	21
90	Fibronectin promotes nasopharyngeal cancer cell motility and proliferation. Biomedicine and Pharmacotherapy, 2019, 109, 1772-1784.	2.5	21

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91	Bisphenol <scp>A</scp> induced apoptosis via oxidative stress generation involved <scp>Nrf2</scp>/<scp>HO</scp>â€1 pathway and mitochondrial dependent pathways in human retinal pigment epithelium (<scp>ARPE</scp>â€19) cells. Environmental Toxicology, 2022, 37, 131-141.	2.1	21
92	Induction of Apoptosis by Luteolin Involving Akt Inactivation in Human 786-O Renal Cell Carcinoma Cells. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-14.	0.5	20
93	Endotoxin-induced acute lung injury in mice is protected by 5,7-dihydroxy-8-methoxyflavone via inhibition of oxidative stress and HIF-1Î±. Environmental Toxicology, 2016, 31, 1700-1709.	2.1	20
94	Chromium supplementation improved post-stroke brain infarction and hyperglycemia. Metabolic Brain Disease, 2016, 31, 289-297.	1.4	20
95	Anti-inflammatory and Neuroprotective Effects of Fungal Immunomodulatory Protein Involving Microglial Inhibition. International Journal of Molecular Sciences, 2018, 19, 3678.	1.8	20
96	Endoplasmic Reticulum Stress Contributes to Indomethacin-Induced Glioma Apoptosis. International Journal of Molecular Sciences, 2020, 21, 557.	1.8	19
97	Ethanol attenuates ischemic and hypoxic injury in rat brain and cultured neurons. NeuroReport, 2003, 14, 2089-2094.	0.6	18
98	Improved Neurological Outcome by Intramuscular Injection of Human Amniotic Fluid Derived Stem Cells in a Muscle Denervation Model. PLoS ONE, 2015, 10, e0124624.	1.1	18
99	Tyrosine kinase signaling involves in glutamate-induced astrocyte proliferation. NeuroReport, 2001, 12, 3519-3522.	0.6	17
100	Signaling cascades mediate astrocyte death induced by zinc. Toxicology Letters, 2011, 204, 108-117.	0.4	17
101	Recruitment by SDF-1Î± of CD34-positive cells involved in sciatic nerve regeneration. Journal of Neurosurgery, 2012, 116, 432-444.	0.9	17
102	Enterovirus 71 infection caused neuronal cell death and cytokine expression in cultured rat neural cells. IUBMB Life, 2015, 67, 789-800.	1.5	17
103	Endoplasmic reticulum stress and autophagy contributed to cadmium nephrotoxicity in HK-2 cells and Sprague-Dawley rats. Food and Chemical Toxicology, 2020, 146, 111828.	1.8	17
104	Endoplasmic Reticulum Stress Contributes to Gefitinib-Induced Apoptosis in Glioma. International Journal of Molecular Sciences, 2021, 22, 3934.	1.8	17
105	RhoA inactivation is crucial to manganese-induced astrocyte stellation. Biochemical and Biophysical Research Communications, 2005, 326, 873-879.	1.0	16
106	Skeletal muscle proteolysis is associated with sympathetic activation and TNFâ€Î±â€ubiquitinâ€proteasome pathway in liver cirrhotic rats. Journal of Gastroenterology and Hepatology (Australia), 2016, 31, 890-896.	1.4	16
107	Mitochondrion-Directed Nanoparticles Loaded with a Natural Compound and a microRNA for Promoting Cancer Cell Death via the Modulation of Tumor Metabolism and Mitochondrial Dynamics. Pharmaceutics, 2020, 12, 756.	2.0	16
108	Zerumbone from Zingiber zerumbet Ameliorates Lipopolysaccharide-Induced ICAM-1 and Cytokines Expression via p38 MAPK/JNK-IºB/ NF-ÎºB Pathway in Mouse Model of Acute Lung Injury. Chinese Journal of Physiology, 2018, 61, 171-180.	0.4	16

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109	Susceptibility of Human Embryonic Stem Cell-Derived Neural Cells to Japanese Encephalitis Virus Infection. PLoS ONE, 2014, 9, e114990.	1.1	15
110	BisGMAâ€induced cytotoxicity and genotoxicity in macrophages are attenuated by wogonin via reduction of intrinsic caspase pathway activation. Environmental Toxicology, 2016, 31, 176-184.	2.1	15
111	Aspirin Induced Glioma Apoptosis through Noxa Upregulation. International Journal of Molecular Sciences, 2020, 21, 4219.	1.8	15
112	Teaghrelin Protects SH-SY5Y Cells against MPP+-Induced Neurotoxicity through Activation of AMPK/SIRT1/PGC-1Î± and ERK1/2 Pathways. Nutrients, 2020, 12, 3665.	1.7	14
113	Protective Effects of Kirenol against Lipopolysaccharide-Induced Acute Lung Injury through the Modulation of the Proinflammatory NFÎºB Pathway and the AMPK2-/Nrf2-Mediated HO-1/AOE Pathway. Antioxidants, 2021, 10, 204.	2.2	14
114	Indomethacin induced glioma apoptosis involving ceramide signals. Experimental Cell Research, 2018, 365, 66-77.	1.2	13
115	Alteration in serum concentrations of FGF19, FGF21, and FGF23 in patients with urothelial carcinoma. BioFactors, 2019, 45, 62-68.	2.6	13
116	DHA attenuated Japanese Encephalitis virus infection-induced neuroinflammation and neuronal cell death in cultured rat Neuron/glia. Brain, Behavior, and Immunity, 2021, 93, 194-205.	2.0	13
117	Indomethacin causes renal epithelial cell injury involving Mcl-1 down-regulation. Biochemical and Biophysical Research Communications, 2009, 380, 531-536.	1.0	12
118	Aspirin restores ABT-737-mediated apoptosis in human renal carcinoma cells. Biochemical and Biophysical Research Communications, 2018, 502, 187-193.	1.0	12
119	Î²-Funaltrexamine Displayed Anti-Inflammatory and Neuroprotective Effects in Cells and Rat Model of Stroke. International Journal of Molecular Sciences, 2020, 21, 3866.	1.8	12
120	Evaluation of cytotoxicity, apoptosis, and genotoxicity induced by indium chloride in macrophages through mitochondrial dysfunction and reactive oxygen species generation. Ecotoxicology and Environmental Safety, 2020, 193, 110348.	2.9	12
121	Exosomal HMGB1 Promoted Cancer Malignancy. Cancers, 2021, 13, 877.	1.7	12
122	Promotion of myotube differentiation and attenuation of muscle atrophy in murine C2C12 myoblast cells treated with teaghrelin. Chemico-Biological Interactions, 2020, 315, 108893.	1.7	11
123	Gab1 is essential for membrane translocation, activity and integrity of mTORCs after EGF stimulation in urothelial cell carcinoma. Oncotarget, 2015, 6, 1478-1489.	0.8	11
124	Effects of treadmill running on rat gastrocnemius function following botulinum toxin A injection. Journal of Orthopaedic Research, 2012, 30, 319-324.	1.2	10
125	Ischemic preconditioning improved renal ischemia/reperfusion injury and hyperglycemia. IUBMB Life, 2019, 71, 321-329.	1.5	10
126	The effect of exercise on mobilization of hematopoietic progenitor cells involved in the repair of sciatic nerve crush injury [RETRACTED]. Journal of Neurosurgery, 2013, 118, 594-605.	0.9	9

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127	Interleukin-4 Improves Metabolic Abnormalities in Leptin-Deficient and High-Fat Diet Mice. International Journal of Molecular Sciences, 2020, 21, 4451.	1.8	9
128	Fucoxanthin decreases <scp>lipopolysaccharideâ€induced</scp> acute lung injury through the inhibition of <scp>RhoA</scp> activation and the <scp>NFâ€ÎºB</scp> pathway. Environmental Toxicology, 2022, 37, 2214-2222.	2.1	9
129	Diethylmaleate and iodoacetate in combination caused profound cell death in astrocytes. Journal of Neurochemistry, 2013, 127, 271-282.	2.1	8
130	Plumbagin ameliorates bile duct ligation-induced cholestatic liver injury in rats. Biomedicine and Pharmacotherapy, 2022, 151, 113133.	2.5	8
131	Olanzapine Induced Dysmetabolic Changes Involving Tissue Chromium Mobilization in Female Rats. International Journal of Molecular Sciences, 2019, 20, 640.	1.8	7
132	Down-Regulated Expression of Magnesium Transporter Genes Following a High Magnesium Diet Attenuates Sciatic Nerve Crush Injury. Neurosurgery, 2019, 84, 965-976.	0.6	7
133	Aspirin Mitigated Tumor Growth in Obese Mice Involving Metabolic Inhibition. Cells, 2020, 9, 569.	1.8	7
134	Magnesium lithospermate B supplementation improved prenatal Bisphenol A <scp>exposureâ€induced</scp> metabolic abnormalities in male offspring. Environmental Toxicology, 2021, 36, 1932-1943.	2.1	7
135	Air Pollutant Particles, PM2.5, Exposure and Glaucoma in Patients with Diabetes: A National Population-Based Nested Caseâ€“Control Study. International Journal of Environmental Research and Public Health, 2021, 18, 9939.	1.2	7
136	Glucose exacerbates zinc-induced astrocyte death. Toxicology Letters, 2010, 199, 102-109.	0.4	6
137	Interleukin-13 ameliorates postischemic hepatic gluconeogenesis and hyperglycemia in rat model of stroke. Metabolic Brain Disease, 2020, 35, 1201-1210.	1.4	6
138	Proinflammatory Responses of 1-Nitropyrene against RAW264.7 Macrophages through Akt Phosphorylation and NF-ÎºB Pathways. Toxics, 2021, 9, 276.	1.6	6
139	Jak2 Inhibitor AG490 Improved Poststroke Central and Peripheral Inflammation and Metabolic Abnormalities in a Rat Model of Ischemic Stroke. Antioxidants, 2021, 10, 1958.	2.2	6
140	Association between Ultraviolet B Exposure Levels and Depression in Taiwanese Adults: A Nested Caseâ€“Control Study. International Journal of Environmental Research and Public Health, 2022, 19, 6846.	1.2	5
141	Accelerated Muscle Recovery After In Vivo Curcumin Supplementation. Natural Product Communications, 2020, 15, 1934578X2090189.	0.2	4
142	Glycerol Improves Intracerebral Hemorrhagic Brain Injury and Associated Kidney Dysfunction in Rats. Antioxidants, 2021, 10, 623.	2.2	4
143	Cadmium induces the expression of Interleukin-6 through Heme Oxygenase-1 in HK-2 cells and Sprague-Dawley rats. Food and Chemical Toxicology, 2022, 161, 112846.	1.8	4
144	Magnesium Lithospermate B Attenuates High-Fat Diet-Induced Muscle Atrophy in C57BL/6J Mice. Nutrients, 2022, 14, 104.	1.7	4

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145	18Î²-Glycyrrhetinic Acid Protects against Cholestatic Liver Injury in Bile Duct-Ligated Rats. Antioxidants, 2022, 11, 961.	2.2	4
146	Intrathecal Injection of Dual Zipper Kinase shRNA Alleviating the Neuropathic Pain in a Chronic Constrictive Nerve Injury Model. International Journal of Molecular Sciences, 2018, 19, 2421.	1.8	3
147	Endoplasmic Reticulum Stress Contributed to Dipyridamole-Induced Impaired Autophagic Flux and Glioma Apoptosis. International Journal of Molecular Sciences, 2022, 23, 579.	1.8	3
148	Increased angiogenesis by the rotational muscle flap is crucial for nerve regeneration. PLoS ONE, 2019, 14, e0217402.	1.1	2
149	Characterization of Collapsin Response Mediator Protein 2 in Colorectal Cancer Progression in Subjects with Diabetic Comorbidity. Cells, 2022, 11, 727.	1.8	2
150	Preventive Intrathecal Injection of Bupivacaine Alleviated Microglia Activation and Neuropathic Pain in a Rat Model of Chronic Constriction Injury. International Journal of Molecular Sciences, 2022, 23, 7197.	1.8	2
151	Susceptibility of naÃ¯ve and differentiated PC12 cells to Japanese encephalitis virus infection. IUBMB Life, 2017, 69, 79-87.	1.5	1
152	Propofol Improved Glucose Tolerance Associated with Increased FGF-21 and GLP-1 Production in Male Sprague-Dawley Rats. Molecules, 2020, 25, 3229.	1.7	0
153	Investigation of Japanese encephalitis virus infection-induced neuroinflammation and pharmacological intervention. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO3-4-5.	0.0	0