Long Chen

List of Publications by Year
in descending order

57 papers	2,885 citations	201674 27 h-index	168389 53 g-index
61 all docs	61 docs citations	61 times ranked	3797 citing authors

#	Article	IF	Citations
1	Cadmium activates the mitogen-activated protein kinase (MAPK) pathway via induction of reactive oxygen species and inhibition of protein phosphatases 2A and 5. Free Radical Biology and Medicine, 2008, 45, 1035-1044.	2.9	231
2	Cadmium induction of reactive oxygen species activates the mTOR pathway, leading to neuronal cell death. Free Radical Biology and Medicine, 2011, 50, 624-632.	2.9	214
3	Hydrogen peroxide inhibits mTOR signaling by activation of AMPKÎ± leading to apoptosis of neuronal cells. Laboratory Investigation, 2010, 90, 762-773.	3.7	207
4	Hydrogen peroxide-induced neuronal apoptosis is associated with inhibition of protein phosphatase 2A and 5, leading to activation of MAPK pathway. International Journal of Biochemistry and Cell Biology, 2009, 41, 1284-1295.	2.8	204
5	Calcium Signaling Is Involved in Cadmium-Induced Neuronal Apoptosis via Induction of Reactive Oxygen Species and Activation of MAPK/mTOR Network. PLoS ONE, 2011, 6, e19052.	2.5	158
6	Surface enrichment and diffusion enabling gradient-doping and coating of Ni-rich cathode toward Li-ion batteries. Nature Communications, 2021, 12, 4564.	12.8	153
7	MAPK and mTOR pathways are involved in cadmiumâ€induced neuronal apoptosis. Journal of Neurochemistry, 2008, 105, 251-261.	3.9	134
8	Activation of AMPK and inactivation of Akt result in suppression of mTOR-mediated S6K1 and 4E-BP1 pathways leading to neuronal cell death in in vitro models of Parkinson's disease. Cellular Signalling, 2014, 26, 1680-1689.	3.6	133
9	Rapamycin Inhibits Cytoskeleton Reorganization and Cell Motility by Suppressing RhoA Expression and Activity. Journal of Biological Chemistry, 2010, 285, 38362-38373.	3.4	120
10	<scp>N</scp>â€acetylâ€<scp>L</scp>â€cysteine protects against cadmiumâ€induced neuronal apoptosis by inhibiting <scp>ROS</scp>â€dependent activation of <scp>A</scp>kt/m<scp>TOR</scp> pathway in mouse brain. Neuropathology and Applied Neurobiology, 2014, 40, 759-777.	3.2	96
11	Rotenone Induction of Hydrogen Peroxide Inhibits mTOR-mediated S6K1 and 4E-BP1/eIF4E Pathways, Leading to Neuronal Apoptosis. Toxicological Sciences, 2015, 143, 81-96.	3.1	90
12	CaMKII is involved in cadmium activation of MAPK and mTOR pathways leading to neuronal cell death. Journal of Neurochemistry, 2011, 119, 1108-1118.	3.9	85
13	Curcumin inhibits protein phosphatases 2A and 5, leading to activation of mitogen-activated protein kinases and death in tumor cells. Carcinogenesis, 2012, 33, 868-875.	2.8	68
14	Protective effect of selenium-enriched lactobacillus on CCl₄-induced liver injury in mice and its possible mechanisms. World Journal of Gastroenterology, 2005, 11, 5795.	3.3	67
15	Enriched Selenium and Its Effects on Growth and Biochemical Composition inLactobacillus bulgaricus. Journal of Agricultural and Food Chemistry, 2007, 55, 2413-2417.	5.2	64
16	Rapamycin ameliorates cadmium-induced activation of MAPK pathway and neuronal apoptosis by preventing mitochondrial ROS inactivation of PP2A. Neuropharmacology, 2016, 105, 270-284.	4.1	56
17	Cadmium results in accumulation of autophagosomes-dependent apoptosis through activating Akt-impaired autophagic flux in neuronal cells. Cellular Signalling, 2019, 55, 26-39.	3.6	45
18	Celastrol prevents cadmiumâ€induced neuronal cell death via targeting JNK and PTENâ€Akt/<scp>mTOR</scp> network. Journal of Neurochemistry, 2014, 128, 256-266.	3.9	44

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19	Rapamycin inhibits BAFF-stimulated cell proliferation and survival by suppressing mTOR-mediated PP2A-Erk1/2 signaling pathway in normal and neoplastic B-lymphoid cells. Cellular and Molecular Life Sciences, 2015, 72, 4867-4884.	5.4	42
20	Celastrol ameliorates Cdâ€induced neuronal apoptosis by targeting NOX2â€derived ROSâ€dependent PP5â€JNK signaling pathway. Journal of Neurochemistry, 2017, 141, 48-62.	3.9	37
21	Celastrol prevents cadmiumâ€induced neuronal cell death by blocking reactive oxygen speciesâ€mediated mammalian target of rapamycin pathway. British Journal of Pharmacology, 2017, 174, 82-100.	5.4	37
22	Rapamycin Inhibits IGF-1 Stimulated Cell Motility through PP2A Pathway. PLoS ONE, 2010, 5, e10578.	2.5	36
23	Celastrol Attenuates Cadmiumâ€Induced Neuronal Apoptosis via Inhibiting Ca²⁺â€CaMKIIâ€Dependent Akt/mTOR Pathway. Journal of Cellular Physiology, 2017, 232, 2145-2157.	4.1	34
24	Both mTORC1 and mTORC2 are involved in the regulation of cell adhesion. Oncotarget, 2015, 6, 7136-7150.	1.8	33
25	Resveratrol prevents cadmium activation of Erk1/2 and <scp>JNK</scp> pathways from neuronal cell death via protein phosphatases 2A and 5. Journal of Neurochemistry, 2015, 135, 466-478.	3.9	31
26	Cadmium induces mitochondrial ROS inactivation of XIAP pathway leading to apoptosis in neuronal cells. International Journal of Biochemistry and Cell Biology, 2020, 121, 105715.	2.8	30
27	Photoluminescence Characteristics of Sn2+ and Ce3+-Doped Cs2SnCl6 Double-Perovskite Crystals. Materials, 2019, 12, 1501.	2.9	29
28	BAFF inhibits autophagy promoting cell proliferation and survival by activating Ca2+-CaMKII-dependent Akt/mTOR signaling pathway in normal and neoplastic B-lymphoid cells. Cellular Signalling, 2019, 53, 68-79.	3.6	29
29	Metformin attenuates cadmium-induced neuronal apoptosis in vitro via blocking ROS-dependent PP5/AMPK-JNK signaling pathway. Neuropharmacology, 2020, 175, 108065.	4.1	26
30	Crosstalk between Ca2+ signaling and mitochondrial H2O2 is required for rotenone inhibition of mTOR signaling pathway leading to neuronal apoptosis. Oncotarget, 2016, 7, 7534-7549.	1.8	26
31	hsBAFF promotes proliferation and survival in cultured B lymphocytes via calcium signaling activation of mTOR pathway. Cytokine, 2013, 62, 310-321.	3.2	25
32	Rapamycin prevents cadmium-induced neuronal cell death via targeting both mTORC1 and mTORC2 pathways. Neuropharmacology, 2015, 97, 35-45.	4.1	22
33	BAFF activates Erk1/2 promoting cell proliferation and survival by Ca2+-CaMKII-dependent inhibition of PP2A in normal and neoplastic B-lymphoid cells. Biochemical Pharmacology, 2014, 87, 332-343.	4.4	20
34	Rapamycin attenuates BAFFâ€extended proliferation and survival via disruption of mTORC1/2 signaling in normal and neoplastic Bâ€lymphoid cells. Journal of Cellular Physiology, 2018, 233, 516-529.	4.1	20
35	hsBAFF regulates proliferation and response in cultured CD4+ T lymphocytes by upregulation of intracellular free Ca2+ homeostasis. Cytokine, 2011, 53, 215-222.	3.2	18
36	Maduramicin induces cardiac muscle cell death by the ROSâ€dependent PTEN/Aktâ€“Erk1/2 signaling pathway. Journal of Cellular Physiology, 2019, 234, 10964-10976.	4.1	18

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37	Rapamycin inhibits B-cell activating factor (BAFF)-stimulated cell proliferation and survival by suppressing Ca2+-CaMKII-dependent PTEN/Akt-Erk1/2 signaling pathway in normal and neoplastic B-lymphoid cells. Cell Calcium, 2020, 87, 102171.	2.4	18
38	BAFF enhances B-cell-mediated immune response and vaccine-protection against a very virulent IBDV in chickens. Vaccine, 2009, 27, 1393-1399.	3.8	16
39	IL-2, IL-4, IFN-Î³ or TNF-Î± enhances BAFF-stimulated cell viability and survival by activating Erk1/2 and S6K1 pathways in neoplastic B-lymphoid cells. Cytokine, 2016, 84, 37-46.	3.2	14
40	Introducing the Solvent Coâ€Intercalation Mechanism for Hard Carbon with Ultrafast Sodium Storage. Small, 2022, 18, e2108092.	10.0	14
41	Bovine immune colostrum against 17 strains of diarrhea bacteria and in vitro and in vivo effects of its specific IgG. Vaccine, 2006, 24, 2131-2140.	3.8	13
42	Resveratrol inhibits Erk1/2â€mediated adhesion of cancer cells via activating PP2Aâ€“PTEN signaling network. Journal of Cellular Physiology, 2019, 234, 2822-2836.	4.1	13
43	Morphologically Controlled Synthesis of Cs2SnCl6 Perovskite Crystals and Their Photoluminescence Activity. Crystals, 2019, 9, 258.	2.2	13
44	Maduramicin induces apoptosis and necrosis, and blocks autophagic flux in myocardial H9c2 cells. Journal of Applied Toxicology, 2018, 38, 366-375.	2.8	12
45	Specific IgG activity of bovine immune milk against diarrhea bacteria and its protective effects on pathogen-infected intestinal damages. Vaccine, 2008, 26, 5973-5980.	3.8	11
46	Cadmium Impairs Autophagy Leading to Apoptosis by Ca2+-Dependent Activation of JNK Signaling Pathway in Neuronal Cells. Neurochemical Research, 2021, 46, 2033-2045.	3.3	11
47	Rapamycin inhibits Erk1/2-mediated neuronal apoptosis caused by cadmium. Oncotarget, 2015, 6, 21452-21467.	1.8	11
48	Action of NO and TNF-alpha release of rats with cadmium loading in malfunctiion of multiple system organ. Acta Physiologica Sinica, 2003, 55, 535-40.	0.5	11
49	Resveratrol induces autophagy impeding BAFF-stimulated B-cell proliferation and survival by inhibiting the Akt/mTOR pathway. Biochemical Pharmacology, 2022, 202, 115139.	4.4	8
50	Metformin prevents BAFF activation of Erk1/2 from B-cell proliferation and survival by impeding mTOR-PTEN/Akt signaling pathway. International Immunopharmacology, 2021, 96, 107771.	3.8	7
51	An investigation into the use of six facially encoded emotions in brain-computer interfacing. Brain-Computer Interfaces, 2016, 3, 59-73.	1.8	6
52	Magnesium isoglycyrrhizinate prevents cadmium-induced activation of JNK and apoptotic hepatocyte death by reversing ROS-inactivated PP2A. Journal of Pharmacy and Pharmacology, 2021, 73, 1663-1674.	2.4	6
53	Specific IgG activity against diarrheagenic bacteria in bovine immune milk and effect of pH on its antigen-binding activity upon heating. Journal of Dairy Research, 2010, 77, 220-224.	1.4	5
54	NOX2-derived hydrogen peroxide impedes the AMPK/Akt-mTOR signaling pathway contributing to cell death in neuronal cells. Cellular Signalling, 2022, 94, 110330.	3.6	4

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55	Maduramicin inactivation of Akt impairs autophagic flux leading to accumulated autophagosomes-dependent apoptosis in skeletal myoblast cells. International Journal of Biochemistry and Cell Biology, 2019, 114, 105573.	2.8	3
56	An insight of rapamycin against cadmiumâ€™s neurotoxicity. Oncotarget, 2017, 8, 9013-9014.	1.8	2
57	A deut of mTORC1/2 for cell adhesion. Cell Cycle, 2015, 14, 1131-1132.	2.6	1