Chongshan Dai

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55 papers	1,251 citations	21 h-index	33 g-index
59 ext. papers	1,670 ext. citations	5.5 avg, IF	4.73 L-index

#	Paper	IF	Citations
55	Colistin-induced nephrotoxicity in mice involves the mitochondrial, death receptor, and endoplasmic reticulum pathways. *Antimicrobial Agents and Chemotherapy*, **2014**, 58, 4075-85	5.9	103
54	Lycopene attenuates colistin-induced nephrotoxicity in mice via activation of the Nrf2/HO-1 pathway. *Antimicrobial Agents and Chemotherapy*, **2015**, 59, 579-85	5.9	73
53	Chloroquine ameliorates carbon tetrachloride-induced acute liver injury in mice via the concomitant inhibition of inflammation and induction of apoptosis. *Cell Death and Disease*, **2018**, 9, 1164	9.8	66
52	Curcumin attenuates quinocetone induced apoptosis and inflammation via the opposite modulation of Nrf2/HO-1 and NF-kB pathway in human hepatocyte L02 cells. *Food and Chemical Toxicology*, **2016**, 95, 52-63	4.7	63
51	Curcumin Attenuates on Carbon Tetrachloride-Induced Acute Liver Injury in Mice via Modulation of the Nrf2/HO-1 and TGF-β1/Smad3 Pathway. *Molecules*, **2018**, 23,	4.8	59
50	Curcumin Attenuates Colistin-Induced Neurotoxicity in N2a Cells via Anti-inflammatory Activity, Suppression of Oxidative Stress, and Apoptosis. *Molecular Neurobiology*, **2018**, 55, 421-434	6.2	55
49	Transcription factors in ferroptotic cell death. *Cancer Gene Therapy*, **2020**, 27, 645-656	5.4	54
48	T-2 toxin neurotoxicity: role of oxidative stress and mitochondrial dysfunction. *Archives of Toxicology*, **2019**, 93, 3041-3056	5.8	51
47	Rapamycin Confers Neuroprotection against Colistin-Induced Oxidative Stress, Mitochondria Dysfunction, and Apoptosis through the Activation of Autophagy and mTOR/Akt/CREB Signaling Pathways. *ACS Chemical Neuroscience*, **2018**, 9, 824-837	5.7	45
46	Polymyxins for CNS infections: Pharmacology and neurotoxicity. *Pharmacology & Therapeutics*, **2018** , 181, 85-90	13.9	43
45	Forsythiaside attenuates lipopolysaccharide-induced inflammatory responses in the bursa of Fabricius of chickens by downregulating the NF-κB signaling pathway. *Experimental and Therapeutic Medicine*, **2014**, 7, 179-184	2.1	41
44	Curcumin attenuates quinocetone-induced oxidative stress and genotoxicity in human hepatocyte L02 cells. *Toxicology Mechanisms and Methods*, **2015**, 25, 340-6	3.6	36
43	New insight in colistin induced neurotoxicity with the mitochondrial dysfunction in mice central nervous tissues. *Experimental and Toxicologic Pathology*, **2013**, 65, 941-8		36
42	Colistin-Induced Apoptosis of Neuroblastoma-2a Cells Involves the Generation of Reactive Oxygen Species, Mitochondrial Dysfunction, and Autophagy. *Molecular Neurobiology*, **2016**, 53, 4685-700	6.2	33
41	Curcumin Ameliorates Furazolidone-Induced DNA Damage and Apoptosis in Human Hepatocyte L02 Cells by Inhibiting ROS Production and Mitochondrial Pathway. *Molecules*, **2016**, 21,	4.8	33
40	Baicalein acts as a nephroprotectant that ameliorates colistin-induced nephrotoxicity by activating the antioxidant defence mechanism of the kidneys and down-regulating the inflammatory response. *Journal of Antimicrobial Chemotherapy*, **2017**, 72, 2562-2569	5.1	32
39	Minocycline attenuates colistin-induced neurotoxicity via suppression of apoptosis, mitochondrial dysfunction and oxidative stress. *Journal of Antimicrobial Chemotherapy*, **2017**, 72, 1635-1645	5.1	29

38	T-2 toxin-induced toxicity in neuroblastoma-2a cells involves the generation of reactive oxygen, mitochondrial dysfunction and inhibition of Nrf2/HO-1 pathway. *Food and Chemical Toxicology*, **2018**, 114, 88-97	4.7	29
37	Electrophysiology and ultrastructural changes in mouse sciatic nerve associated with colistin sulfate exposure. *Toxicology Mechanisms and Methods*, **2012**, 22, 592-6	3.6	28
36	Molecular Mechanisms of Neurotoxicity Induced by Polymyxins and Chemoprevention. *ACS Chemical Neuroscience*, **2019**, 10, 120-131	5.7	26
35	Furazolidone induces apoptosis through activating reactive oxygen species-dependent mitochondrial signaling pathway and suppressing PI3K/Akt signaling pathway in HepG2 cells. *Food and Chemical Toxicology*, **2015**, 75, 173-86	4.7	22
34	Effect of colistin exposure on calcium homeostasis and mitochondria functions in chick cortex neurons. *Toxicology Mechanisms and Methods*, **2013**, 23, 281-8	3.6	18
33	Critical role of p21 on olaquindox-induced mitochondrial apoptosis and S-phase arrest involves activation of PI3K/AKT and inhibition of Nrf2/HO-1pathway. *Food and Chemical Toxicology*, **2017**, 108, 148-160	4.7	18
32	P21(Waf1/Cip1) plays a critical role in furazolidone-induced apoptosis in HepG2 cells through influencing the caspase-3 activation and ROS generation. *Food and Chemical Toxicology*, **2016**, 88, 1-12	4.7	17
31	GADD45a Regulates Olaquindox-Induced DNA Damage and S-Phase Arrest in Human Hepatoma G2 Cells via JNK/p38 Pathways. *Molecules*, **2017**, 22,	4.8	16
30	Lactate Dehydrogenase A Governs Cardiac Hypertrophic Growth in Response to Hemodynamic Stress. *Cell Reports*, **2020**, 32, 108087	10.6	16
29	Quinocetone triggered ER stress-induced autophagy via ATF6/DAPK1-modulated mAtg9a trafficking. *Cell Biology and Toxicology*, **2016**, 32, 141-52	7.4	16
28	Ascorbic acid protects against colistin sulfate-induced neurotoxicity in PC12 cells. *Toxicology Mechanisms and Methods*, **2013**, 23, 584-90	3.6	15
27	Colistin induced peripheral neurotoxicity involves mitochondrial dysfunction and oxidative stress in mice. *Molecular Biology Reports*, **2019**, 46, 1963-1972	2.8	14
26	Curcumin Attenuates Colistin-Induced Peripheral Neurotoxicity in Mice. *ACS Infectious Diseases*, **2020**, 6, 715-724	5.5	13
25	In vitro toxicity of colistin on primary chick cortex neurons and its potential mechanism. *Environmental Toxicology and Pharmacology*, **2013**, 36, 659-666	5.8	13
24	Molecular Insights of Copper Sulfate Exposure-Induced Nephrotoxicity: Involvement of Oxidative and Endoplasmic Reticulum Stress Pathways. *Biomolecules*, **2020**, 10,	5.9	13
23	Inhibition of Oxidative Stress and ALOX12 and NF-B Pathways Contribute to the Protective Effect of Baicalein on Carbon Tetrachloride-Induced Acute Liver Injury. *Antioxidants*, **2021**, 10,	7.1	13
22	Effect of GADD45a on olaquindox-induced apoptosis in human hepatoma G2 cells: Involvement of mitochondrial dysfunction. *Environmental Toxicology and Pharmacology*, **2016**, 46, 140-146	5.8	13
21	Involvement of the activation of Nrf2/HO-1, p38 MAPK signaling pathways and endoplasmic reticulum stress in furazolidone induced cytotoxicity and S phase arrest in human hepatocyte L02 cells: modulation of curcumin. *Toxicology Mechanisms and Methods*, **2017**, 27, 165-172	3.6	12

20	Inhibition of autophagy promotes caspase-mediated apoptosis by tunicamycin in HepG2 cells. *Toxicology Mechanisms and Methods*, **2014**, 24, 654-65	3.6	12
19	Effects of colistin on the sensory nerve conduction velocity and F-wave in mice. *Basic and Clinical Pharmacology and Toxicology*, **2014**, 115, 577-80	3.1	11
18	Quinocetone induces mitochondrial apoptosis in HepG2 cells through ROS-dependent promotion of VDAC1 oligomerization and suppression of Wnt1/Ecatenin signaling pathway. *Food and Chemical Toxicology*, **2017**, 105, 161-176	4.7	10
17	Polymyxins-Curcumin Combination Antimicrobial Therapy: Safety Implications and Efficacy for Infection Treatment. *Antioxidants*, **2020**, 9,	7.1	10
16	Polymyxin resistance in Klebsiella pneumoniae: multifaceted mechanisms utilized in the presence and absence of the plasmid-encoded phosphoethanolamine transferase gene mcr-1. *Journal of Antimicrobial Chemotherapy*, **2019**, 74, 3190-3198	5.1	6
15	Molecular mechanism of olaquindox-induced hepatotoxicity and the hepatic protective role of curcumin. *Food and Chemical Toxicology*, **2020**, 145, 111727	4.7	4
14	AKT/TSC2/p70S6K signaling pathway is involved in quinocetone-induced death-promoting autophagy in HepG2 cells. *Toxicology Mechanisms and Methods*, **2016**, 26, 301-10	3.6	4
13	Molecular Mechanisms Underlying Protective Role of Quercetin on Copper Sulfate-Induced Nephrotoxicity in Mice. *Frontiers in Veterinary Science*, **2020**, 7, 586033	3.1	4
12	The Natural Product Curcumin as an Antibacterial Agent: Current Achievements and Problems.. *Antioxidants*, **2022**, 11,	7.1	4
11	ML-7 amplifies the quinocetone-induced cell death through akt and MAPK-mediated apoptosis on HepG2 cell line. *Toxicology Mechanisms and Methods*, **2016**, 26, 11-21	3.6	3
10	PKM1 Exerts Critical Roles in Cardiac Remodeling Under Pressure Overload in the Heart. *Circulation* , **2021**, 144, 712-727	16.7	3
9	Olaquindox-Induced Liver Damage Involved the Crosstalk of Oxidative Stress and p53 In Vivo and In Vitro. *Oxidative Medicine and Cellular Longevity*, **2020**, 2020, 8835207	6.7	2
8	Nerve Growth Factor Confers Neuroprotection against Colistin-Induced Peripheral Neurotoxicity. *ACS Infectious Diseases*, **2020**, 6, 1451-1459	5.5	2
7	Comparative metabolomics revealed key pathways associated with the synergistic killing of multidrug-resistant by a bacteriophage-polymyxin combination.. *Computational and Structural Biotechnology Journal*, **2022**, 20, 485-495	6.8	2
6	A Comprehensive Toxicological Assessment of Fulvic Acid. *Evidence-based Complementary and Alternative Medicine*, **2020**, 2020, 8899244	2.3	2
5	Mobile Colistin Resistance Enzyme MCR-3 Facilitates Bacterial Evasion of Host Phagocytosis. *Advanced Science*, **2021**, 8, e2101336	13.6	2
4	Pharmacokinetics and relative bioavailability of an oral amoxicillin-apramycin combination in pigs. *PLoS ONE*, **2017**, 12, e0176149	3.7	1
3	Ivermectin-Induced Apoptotic Cell Death in Human SH-SY5Y Cells Involves the Activation of Oxidative Stress and Mitochondrial Pathway and Akt/mTOR-Pathway-Mediated Autophagy. *Antioxidants*, **2022**, 11, 908	7.1	1

2	Colistin-induced pulmonary toxicity involves the activation of NOX4/TGF-β/mtROS pathway and the inhibition of Akt/mTOR pathway.. *Food and Chemical Toxicology*, **2022**, 112966	4.7	0
1	p21 restricts influenza A virus by perturbing the viral polymerase complex and upregulating type I interferon signaling.. *PLoS Pathogens*, **2022**, 18, e1010295	7.6	