Shusheng Tang

List of Publications by Year
in descending order

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69 papers	2,237 citations	201385 27 h-index	233125 45 g-index
69 all docs	69 docs citations	69 times ranked	2607 citing authors

#	Article	IF	Citations
1	Colistin-induced pulmonary toxicity involves the activation of NOX4/TGF-Î²/mtROS pathway and the inhibition of Akt/mTOR pathway. Food and Chemical Toxicology, 2022, 163, 112966.	1.8	6
2	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.	2.2	7
3	Curcumin Ameliorates Copper-Induced Neurotoxicity Through Inhibiting Oxidative Stress and Mitochondrial Apoptosis in SH-SY5Y Cells. Neurochemical Research, 2021, 46, 367-378.	1.6	18
4	Targeting HMGB1 inhibits T-2 toxin-induced neurotoxicity via regulation of oxidative stress, neuroinflammation and neuronal apoptosis. Food and Chemical Toxicology, 2021, 151, 112134.	1.8	21
5	Inhibition of Oxidative Stress and ALOX12 and NF-Î°B Pathways Contribute to the Protective Effect of Baicalein on Carbon Tetrachloride-Induced Acute Liver Injury. Antioxidants, 2021, 10, 976.	2.2	55
6	Toxicologic effect and transcriptome analysis for short-term orally dosed enrofloxacin combined with two veterinary antimicrobials on rat liver. Ecotoxicology and Environmental Safety, 2021, 220, 112398.	2.9	8
7	Food-Origin Mycotoxin-Induced Neurotoxicity: Intend to Break the Rules of Neuroglia Cells. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-14.	1.9	14
8	Molecular mechanism of olaquindox-induced hepatotoxicity and the hepatic protective role of curcumin. Food and Chemical Toxicology, 2020, 145, 111727.	1.8	10
9	Beagle dog 90-day oral toxicity study of a novel coccidiostat â€“ ethanamizuril. BMC Veterinary Research, 2020, 16, 444.	0.7	2
10	A Comprehensive Toxicological Assessment of Fulvic Acid. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-11.	0.5	3
11	Identification of Plant Soot as Novel Safe Feed Additive: Evaluation of 90-Day Oral Toxicity and Prenatal Developmental Toxicity in Rats. Frontiers in Veterinary Science, 2020, 7, 610627.	0.9	1
12	Olaquindox-Induced Liver Damage Involved the Crosstalk of Oxidative Stress and p53 In Vivo and In Vitro. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-18.	1.9	7
13	Curcumin Attenuates Colistin-Induced Peripheral Neurotoxicity in Mice. ACS Infectious Diseases, 2020, 6, 715-724.	1.8	29
14	Multiplex SERS-based lateral flow immunosensor for the detection of major mycotoxins in maize utilizing dual Raman labels and triple test lines. Journal of Hazardous Materials, 2020, 393, 122348.	6.5	118
15	T-2 toxin neurotoxicity: role of oxidative stress and mitochondrial dysfunction. Archives of Toxicology, 2019, 93, 3041-3056.	1.9	89
16	Colistin induced peripheral neurotoxicity involves mitochondrial dysfunction and oxidative stress in mice. Molecular Biology Reports, 2019, 46, 1963-1972.	1.0	28
17	Molecular Mechanisms of Neurotoxicity Induced by Polymyxins and Chemoprevention. ACS Chemical Neuroscience, 2019, 10, 120-131.	1.7	45
18	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.	1.8	49

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19	Pterostilbene, a Potential MCR-1 Inhibitor That Enhances the Efficacy of Polymyxin B. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	43
20	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.	1.7	67
21	Safety assessment of vitacoxib: 180-day chronic oral toxicity studies. Regulatory Toxicology and Pharmacology, 2018, 95, 244-249.	1.3	9
22	Magnolol restores the activity of meropenem against NDM-1-producing Escherichia coli by inhibiting the activity of metallo-beta-lactamase. Cell Death Discovery, 2018, 4, 28.	2.0	41
23	Curcumin Attenuates Colistin-Induced Neurotoxicity in N2a Cells via Anti-inflammatory Activity, Suppression of Oxidative Stress, and Apoptosis. Molecular Neurobiology, 2018, 55, 421-434.	1.9	78
24	DIDS inhibits overexpression BAK1â€induced mitochondrial apoptosis through GSK3Î²/Î²â€catenin signaling pathway. Journal of Cellular Physiology, 2018, 233, 5070-5077.	2.0	8
25	ROS-mediated oligomerization of VDAC2 is associated with quinocetone-induced apoptotic cell death. Toxicology in Vitro, 2018, 47, 195-206.	1.1	7
26	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.	2.7	115
27	In Vitro/Vivo Activity of Potential MCR-1 Inhibitor in Combination With Colistin Againsts mcr-1-Positive Klebsiella pneumonia. Frontiers in Microbiology, 2018, 9, 1615.	1.5	23
28	Mutagenicity and teratogenicity studies of vitacoxib in rats and mice. Toxicology Reports, 2018, 5, 827-831.	1.6	7
29	Safety assessment of vitacoxib: Acute and 90-day sub-chronic oral toxicity studies. Regulatory Toxicology and Pharmacology, 2017, 86, 49-58.	1.3	21
30	Minocycline attenuates colistin-induced neurotoxicity via suppression of apoptosis, mitochondrial dysfunction and oxidative stress. Journal of Antimicrobial Chemotherapy, 2017, 72, 1635-1645.	1.3	46
31	Quinocetone induces mitochondrial apoptosis in HepG2 cells through ROS-dependent promotion of VDAC1 oligomerization and suppression of Wnt1/β-catenin signaling pathway. Food and Chemical Toxicology, 2017, 105, 161-176.	1.8	14
32	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.	1.3	14
33	Evaluation of dermal irritation and skin sensitization due to vitacoxib. Toxicology Reports, 2017, 4, 287-290.	1.6	39
34	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.	1.8	21
35	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.	1.3	51
36	GADD45a Regulates Olaquindox-Induced DNA Damage and S-Phase Arrest in Human Hepatoma G2 Cells via JNK/p38 Pathways. Molecules, 2017, 22, 124.	1.7	29

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37	TCS2 Increases Olaquindox-Induced Apoptosis by Upregulation of ROS Production and Downregulation of Autophagy in HEK293 Cells. Molecules, 2017, 22, 595.	1.7	5
38	Pharmacokinetics and relative bioavailability of an oral amoxicillin-apramycin combination in pigs. PLoS ONE, 2017, 12, e0176149.	1.1	5
39	Improved Tissue-Based Analytical Test Methods for Orellanine, a Biomarker of Cortinarius Mushroom Intoxication. Toxins, 2016, 8, 158.	1.5	7
40	Curcumin Ameliorates Furazolidone-Induced DNA Damage and Apoptosis in Human Hepatocyte L02 Cells by Inhibiting ROS Production and Mitochondrial Pathway. Molecules, 2016, 21, 1061.	1.7	42
41	Curcumin attenuates quinocetone induced apoptosis and inflammation via the opposite modulation of Nrf2/HO-1 and NF-ĸB pathway in human hepatocyte L02 cells. Food and Chemical Toxicology, 2016, 95, 52-63.	1.8	75
42	Quinocetone triggered ER stress-induced autophagy via ATF6/DAPK1-modulated mAtg9a trafficking. Cell Biology and Toxicology, 2016, 32, 141-152.	2.4	25
43	AKT/TSC2/p70S6K signaling pathway is involved in quinocetone-induced death-promoting autophagy in HepG2 cells. Toxicology Mechanisms and Methods, 2016, 26, 301-310.	1.3	6
44	Effect of GADD45a on olaquindox-induced apoptosis in human hepatoma G2 cells: Involvement of mitochondrial dysfunction. Environmental Toxicology and Pharmacology, 2016, 46, 140-146.	2.0	15
45	A novel orellanine containing mushroom Cortinarius armillatus. Toxicon, 2016, 114, 65-74.	0.8	15
46	Pharmacokinetics of a new ivermectin/praziquantel suspension after intramuscular administration in sheep. Veterinary Parasitology, 2016, 221, 54-58.	0.7	8
47	P21Waf1/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.	1.8	18
48	Thapsigargin induces apoptosis when autophagy is inhibited in HepG2 cells and both processes are regulated by ROS-dependent pathway. Environmental Toxicology and Pharmacology, 2016, 41, 167-179.	2.0	39
49	Colistin-Induced Apoptosis of Neuroblastoma-2a Cells Involves the Generation of Reactive Oxygen Species, Mitochondrial Dysfunction, and Autophagy. Molecular Neurobiology, 2016, 53, 4685-4700.	1.9	43
50	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.	1.3	4
51	Reactive oxygen speciesâ€dependent JNK downregulated olaquindoxâ€induced autophagy in HepG2 cells. Journal of Applied Toxicology, 2015, 35, 709-716.	1.4	26
52	The Effect of GADD45a on Furazolidoneâ€Induced Sâ€Phase Cellâ€Cycle Arrest in Human Hepatoma G2 Cells. Journal of Biochemical and Molecular Toxicology, 2015, 29, 489-495.	1.4	12
53	Synergy between baicalein and penicillins against penicillinase-producing Staphylococcus aureus. International Journal of Medical Microbiology, 2015, 305, 501-504.	1.5	37
54	Lycopene Attenuates Colistin-Induced Nephrotoxicity in Mice via Activation of the Nrf2/HO-1 Pathway. Antimicrobial Agents and Chemotherapy, 2015, 59, 579-585.	1.4	105

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55	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, 173-186.	1.8	27
56	Curcumin attenuates quinocetone-induced oxidative stress and genotoxicity in human hepatocyte L02 cells. Toxicology Mechanisms and Methods, 2015, 25, 340-346.	1.3	43
57	Acute, mutagenicity, teratogenicity and subchronic oral toxicity studies of diaveridine in rodents. Environmental Toxicology and Pharmacology, 2015, 40, 660-670.	2.0	11
58	Inhibition of autophagy promotes caspase-mediated apoptosis by tunicamycin in HepG2 cells. Toxicology Mechanisms and Methods, 2014, 24, 654-665.	1.3	13
59	Effects of Colistin on the Sensory Nerve Conduction Velocity and Fâ€wave in Mice. Basic and Clinical Pharmacology and Toxicology, 2014, 115, 577-580.	1.2	13
60	Colistin-Induced Nephrotoxicity in Mice Involves the Mitochondrial, Death Receptor, and Endoplasmic Reticulum Pathways. Antimicrobial Agents and Chemotherapy, 2014, 58, 4075-4085.	1.4	139
61	Involvement of the p38 MAPK signaling pathway in Sâ€phase cellâ€cycle arrest induced by Furazolidone in human hepatoma G2 cells. Journal of Applied Toxicology, 2013, 33, 1500-1505.	1.4	8
62	TNFR1/TNF-Î± and mitochondria interrelated signaling pathway mediates quinocetone-induced apoptosis in HepG2 cells. Food and Chemical Toxicology, 2013, 62, 825-838.	1.8	50
63	Pharmacokinetics of a new ivermectin/praziquantel oil suspension after intramuscular administration in pigs. Veterinary Parasitology, 2012, 185, 229-235.	0.7	6
64	Furazolidone induced oxidative DNA damage via up-regulating ROS that caused cell cycle arrest in human hepatoma G2 cells. Toxicology Letters, 2011, 201, 205-212.	0.4	57
65	Olaquindox induces apoptosis through the mitochondrial pathway in HepG2 cells. Toxicology, 2011, 285, 104-113.	2.0	43
66	Optimization of the process of gelatin-ceftiofur sodium microspheres. Journal Wuhan University of Technology, Materials Science Edition, 2010, 25, 975-978.	0.4	2
67	Investigation of the genotoxicity of quinocetone, carbadox and olaquindox in vitro using Vero cells. Food and Chemical Toxicology, 2009, 47, 328-334.	1.8	123
68	Olaquindox-induced genotoxicity and oxidative DNA damage in human hepatoma G2 (HepG2) cells. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2009, 676, 27-33.	0.9	64
69	Development of a Monoclonal Antibody-Based ELISA for the Detection of Sulfaquinoxaline in Chicken Tissues and Serum. Analytical Letters, 2008, 41, 3007-3020.	1.0	8