Shuangqing Peng

List of Publications by Year
in descending order

26 papers	689 citations	567281 15 h-index	552781 26 g-index
26 all docs	26 docs citations	26 times ranked	1267 citing authors

#	Article	IF	Citations
1	Repeated PM2.5 exposure inhibits BEAS-2B cell P53 expression through ROS-Akt-DNMT3B pathway-mediated promoter hypermethylation. Oncotarget, 2016, 7, 20691-20703.	1.8	92
2	Erythropoietin activates SIRT1 to protect human cardiomyocytes against doxorubicin-induced mitochondrial dysfunction and toxicity. Toxicology Letters, 2017, 275, 28-38.	0.8	65
3	Exposure scenario: Another important factor determining the toxic effects of PM2.5 and possible mechanisms involved. Environmental Pollution, 2017, 226, 412-425.	7.5	59
4	T-2 toxin induces developmental toxicity and apoptosis in zebrafish embryos. Journal of Environmental Sciences, 2014, 26, 917-925.	6.1	55
5	Overexpression of HO-1 assisted PM2.5-induced apoptosis failure and autophagy-related cell necrosis. Ecotoxicology and Environmental Safety, 2017, 145, 605-614.	6.0	43
6	Cyclovirobuxine D Attenuates Doxorubicin-Induced Cardiomyopathy by Suppression of Oxidative Damage and Mitochondrial Biogenesis Impairment. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-11.	4.0	42
7	A PGC-1Î±-Mediated Transcriptional Network Maintains Mitochondrial Redox and Bioenergetic Homeostasis against Doxorubicin-Induced Toxicity in Human Cardiomyocytes: Implementation of TT21C. Toxicological Sciences, 2016, 150, 400-417.	3.1	37
8	Suppression of NRF2â€“ARE activity sensitizes chemotherapeutic agent-induced cytotoxicity in human acute monocytic leukemia cells. Toxicology and Applied Pharmacology, 2016, 292, 1-7.	2.8	34
9	T-2 toxin inhibits murine ES cells cardiac differentiation and mitochondrial biogenesis by ROS and p-38 MAPK-mediated pathway. Toxicology Letters, 2016, 258, 259-266.	0.8	27
10	Developmental toxicity of CdTe QDs in zebrafish embryos and larvae. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	26
11	PM_{2.5}induces embryonic growth retardation: Potential involvement of ROS-MAPKs-apoptosis and G0/G1 arrest pathways. Environmental Toxicology, 2016, 31, 2028-2044.	4.0	25
12	The Role of Alpha-1 and Alpha-2 Adrenoceptors in Restraint Stress-Induced Liver Injury in Mice. PLoS ONE, 2014, 9, e92125.	2.5	22
13	Metallothionein deficiency aggravates depleted uranium-induced nephrotoxicity. Toxicology and Applied Pharmacology, 2015, 287, 306-315.	2.8	22
14	SUMO-specific protease 1 modulates cadmium-augmented transcriptional activity of androgen receptor (AR) by reversing AR SUMOylation. Toxicology Letters, 2014, 229, 405-413.	0.8	18
15	International Harmonization and Cooperation in the Validation of Alternative Methods. Advances in Experimental Medicine and Biology, 2016, 856, 343-386.	1.6	16
16	Zinc-induced metallothionein overexpression prevents doxorubicin toxicity in cardiomyocytes by regulating the peroxiredoxins. Xenobiotica, 2016, 46, 715-725.	1.1	16
17	JAK2/STAT3 Pathway Mediates Protection of Metallothionein Against Doxorubicin-Induced Cytotoxicity in Mouse Cardiomyocytes. International Journal of Toxicology, 2016, 35, 317-326.	1.2	15
18	Flutamide Induces Hepatic Cell Death and Mitochondrial Dysfunction via Inhibition of Nrf2-Mediated Heme Oxygenase-1. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-12.	4.0	13

#	Article	IF	Citations
19	Metallothionein prevents doxorubicin cardiac toxicity by indirectly regulating the uncoupling proteins 2. Food and Chemical Toxicology, 2017, 110, 204-213.	3.6	12
20	Next generation risk assessment (NGRA): Bridging in vitro points-of-departure to human safety assessment using physiologically-based kinetic (PBK) modelling â€“ A case study of doxorubicin with dose metrics considerations. Toxicology in Vitro, 2021, 74, 105171.	2.4	11
21	Case Studies in Cellular Stress: Defining Adversity/Adaptation Tipping Points. Applied in Vitro Toxicology, 2017, 3, 199-210.	1.1	10
22	Effects of low dose T-2 toxin on secretion of gonadotropin-releasing hormone in the immortalized hypothalamic GT1-7 cell line. Toxicon, 2015, 100, 67-72.	1.6	9
23	Integration of in vitro data from three dimensionally cultured HepaRG cells and physiologically based pharmacokinetic modeling for assessment of acetaminophen hepatotoxicity. Regulatory Toxicology and Pharmacology, 2020, 114, 104661.	2.7	8
24	Comparison of freely-moving telemetry Chinese Miniature Experiment Pigs (CMEPs) to beagle dogs in cardiovascular safety pharmacology studies. Journal of Pharmacological and Toxicological Methods, 2014, 70, 19-28.	0.7	6
25	Simultaneous quantification of tizoxanide and tizoxanide glucuronide in mouse plasma by liquid chromatographyâ€“tandem mass spectrometry. Biomedical Chromatography, 2016, 30, 1744-1749.	1.7	3
26	Establishment and optimization of NMR-based cell metabonomics study protocols for neonatal Sprague-Dawley rat cardiomyocytes. Analytical Biochemistry, 2017, 517, 50-52.	2.4	3