Shuping Zhang

List of Publications by Year
in descending order

35 papers	979 citations	471371 17 h-index	454834 30 g-index
37 all docs	37 docs citations	37 times ranked	1597 citing authors

#	Article	IF	Citations
1	Double-edge sword roles of iron in driving energy production versus instigating ferroptosis. Cell Death and Disease, 2022, 13, 40.	2.7	61
2	Translational control by heme-regulated eIF2Î± kinase during erythropoiesis. Current Opinion in Hematology, 2022, 29, 103-111.	1.2	6
3	Enhanced hepatic cytotoxicity of chemically transformed polystyrene microplastics by simulated gastric fluid. Journal of Hazardous Materials, 2021, 410, 124536.	6.5	45
4	On the developmental toxicity of silver nanoparticles. Materials and Design, 2021, 203, 109611.	3.3	12
5	Requirement of activating transcription factor 5 for murine fetal liver erythropoiesis. British Journal of Haematology, 2020, 188, 582-585.	1.2	7
6	Activation of integrated stress response and disordered iron homeostasis upon combined exposure to cadmium and PCB77. Journal of Hazardous Materials, 2020, 389, 121833.	6.5	7
7	Adverse Impact of Heavy Metals on Bone Cells and Bone Metabolism Dependently and Independently through Anemia. Advanced Science, 2020, 7, 2000383.	5.6	25
8	Promoting platelets is a therapeutic option to combat severe viral infection of the lung. Blood Advances, 2020, 4, 1640-1642.	2.5	14
9	Depriving Iron Supply to the Virus Represents a Promising Adjuvant Therapeutic Against Viral Survival. Current Clinical Microbiology Reports, 2020, 7, 13-19.	1.8	105
10	Heme-regulated eIF2Î± kinase in erythropoiesis and hemoglobinopathies. Blood, 2019, 134, 1697-1707.	0.6	60
11	Roles of mtDNA damage and disordered Ca2+ homeostasis in the joint toxicities of cadmium and BDE209. Ecotoxicology and Environmental Safety, 2019, 186, 109767.	2.9	16
12	A Protective Role of Paeoniflorin in Fluctuant Hyperglycemia-Induced Vascular Endothelial Injuries through Antioxidative and Anti-Inflammatory Effects and Reduction of PKCÎ²1. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-11.	1.9	25
13	Adverse Effects of Fine-Particle Exposure on Joints and Their Surrounding Cells and Microenvironment. ACS Nano, 2019, 13, 2729-2748.	7.3	7
14	Desferrioxamine-caffeine shows improved efficacy in chelating iron and depleting cancer stem cells. Journal of Trace Elements in Medicine and Biology, 2019, 52, 232-238.	1.5	14
15	HRI coordinates translation necessary for protein homeostasis and mitochondrial function in erythropoiesis. ELife, 2019, 8, .	2.8	47
16	CdSe Quantum Dots Incurred Hemoglobin RNA Transcription Inhibition in Embryonic Erythroid Precursors and Compromised Embryonic Development in Mice under Low-Dose Exposure. ACS Sustainable Chemistry and Engineering, 2018, 6, 4164-4173.	3.2	7
17	HRI coordinates translation by eIF2Î±P and mTORC1 to mitigate ineffective erythropoiesis in mice during iron deficiency. Blood, 2018, 131, 450-461.	0.6	55
18	Distinct Iron Deposition Profiles of Liver Zones in Various Models with Iron Homeostasis Disorders. Advanced Science, 2018, 5, 1800866.	5.6	4

#	Article	IF	Citations
19	Bio-transformation of Graphene Oxide in Lung Fluids Significantly Enhances Its Photothermal Efficacy. Nanotheranostics, 2018, 2, 222-232.	2.7	18
20	A protective role of Heme-regulated eIF2Î± kinase in cadmium-induced liver and kidney injuries. Chemosphere, 2017, 185, 284-289.	4.2	15
21	Heme-Regulated eIF2Î± Kinase Coordinates Translational Repression of eIF2Î±P and mTORC1 Signaling during Iron Deficiency to Mitigate Ineffective Erythropoiesis. Blood, 2016, 128, 1037-1037.	0.6	11
22	Synergistic hepatotoxicity by cadmium and chlorpyrifos: Disordered hepatic lipid homeostasis. Molecular Medicine Reports, 2015, 12, 303-308.	1.1	23
23	Cadmium depletes cellular iron availability through enhancing ferroportin translation via iron responsive element. Molecular Medicine Reports, 2015, 11, 3129-3133.	1.1	9
24	Establishment of a novel orthotopic model of breast cancer metastasis to the lung. Oncology Reports, 2015, 33, 2992-2998.	1.2	27
25	Polychlorinated Biphenyls (PCBs) Inhibit Hepcidin Expression through an Estrogen-Like Effect Associated with Disordered Systemic Iron Homeostasis. Chemical Research in Toxicology, 2015, 28, 629-640.	1.7	25
26	An important role of the hepcidin–ferroportin signaling in affecting tumor growth and metastasis. Acta Biochimica Et Biophysica Sinica, 2015, 47, 703-715.	0.9	64
27	Estrogen contributes to regulating iron metabolism through governing ferroportin signaling via an estrogen response element. Cellular Signalling, 2015, 27, 934-942.	1.7	37
28	Disordered signaling governing ferroportin transcription favors breast cancer growth. Cellular Signalling, 2015, 27, 168-176.	1.7	48
29	Disordered hepcidinâ€“ferroportin signaling promotes breast cancer growth. Cellular Signalling, 2014, 26, 2539-2550.	1.7	108
30	Hepcidin deficiency undermines bone load-bearing capacity through inducing iron overload. Gene, 2014, 543, 161-165.	1.0	24
31	Sublethal exposure of organophosphate pesticide chlorpyrifos alters cellular iron metabolism in hepatocytes and macrophages. International Journal of Molecular Medicine, 2014, 34, 1395-1400.	1.8	3
32	PCB-77 disturbs iron homeostasis through regulating hepcidin gene expression. Gene, 2013, 532, 146-151.	1.0	15
33	A protective role of heme-regulated eIF2Î± kinase in cadmium-induced toxicity in erythroid cells. Food and Chemical Toxicology, 2013, 62, 880-891.	1.8	17
34	Excess iron undermined bone load-bearing capacity through tumor necrosis factor-Î±-dependent osteoclastic activation in mice. Biomedical Reports, 2013, 1, 85-88.	0.9	10
35	The associations between the environmental exposure to polychlorinated biphenyls (PCBs) and breast cancer risk and progression. Science China Chemistry, 2010, 53, 974-979.	4.2	8