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	Disordered hepcidinâ€“ferroportin signaling promotes breast cancer growth. Cellular Signalling, 2014, 26, 2539-2550.	1.7	108
2	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
3	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
4	Double-edge sword roles of iron in driving energy production versus instigating ferroptosis. Cell Death and Disease, 2022, 13, 40.	2.7	61
5	Heme-regulated eIF2Î± kinase in erythropoiesis and hemoglobinopathies. Blood, 2019, 134, 1697-1707.	0.6	60
6	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
7	Disordered signaling governing ferroportin transcription favors breast cancer growth. Cellular Signalling, 2015, 27, 168-176.	1.7	48
8	HRI coordinates translation necessary for protein homeostasis and mitochondrial function in erythropoiesis. ELife, 2019, 8, .	2.8	47
9	Enhanced hepatic cytotoxicity of chemically transformed polystyrene microplastics by simulated gastric fluid. Journal of Hazardous Materials, 2021, 410, 124536.	6.5	45
10	Estrogen contributes to regulating iron metabolism through governing ferroportin signaling via an estrogen response element. Cellular Signalling, 2015, 27, 934-942.	1.7	37
11	Establishment of a novel orthotopic model of breast cancer metastasis to the lung. Oncology Reports, 2015, 33, 2992-2998.	1.2	27
12	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
13	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
14	Adverse Impact of Heavy Metals on Bone Cells and Bone Metabolism Dependently and Independently through Anemia. Advanced Science, 2020, 7, 2000383.	5.6	25
15	Hepcidin deficiency undermines bone load-bearing capacity through inducing iron overload. Gene, 2014, 543, 161-165.	1.0	24
16	Synergistic hepatotoxicity by cadmium and chlorpyrifos: Disordered hepatic lipid homeostasis. Molecular Medicine Reports, 2015, 12, 303-308.	1.1	23
17	Bio-transformation of Graphene Oxide in Lung Fluids Significantly Enhances Its Photothermal Efficacy. Nanotheranostics, 2018, 2, 222-232.	2.7	18
18	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

#	Article	IF	Citations
19	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
20	PCB-77 disturbs iron homeostasis through regulating hepcidin gene expression. Gene, 2013, 532, 146-151.	1.0	15
21	A protective role of Heme-regulated eIF2Î± kinase in cadmium-induced liver and kidney injuries. Chemosphere, 2017, 185, 284-289.	4.2	15
22	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
23	Promoting platelets is a therapeutic option to combat severe viral infection of the lung. Blood Advances, 2020, 4, 1640-1642.	2.5	14
24	On the developmental toxicity of silver nanoparticles. Materials and Design, 2021, 203, 109611.	3.3	12
25	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
26	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
27	Cadmium depletes cellular iron availability through enhancing ferroportin translation via iron responsive element. Molecular Medicine Reports, 2015, 11, 3129-3133.	1.1	9
28	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
29	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
30	Adverse Effects of Fine-Particle Exposure on Joints and Their Surrounding Cells and Microenvironment. ACS Nano, 2019, 13, 2729-2748.	7.3	7
31	Requirement of activating transcription factor 5 for murine fetal liver erythropoiesis. British Journal of Haematology, 2020, 188, 582-585.	1.2	7
32	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
33	Translational control by heme-regulated eIF2Î± kinase during erythropoiesis. Current Opinion in Hematology, 2022, 29, 103-111.	1.2	6
34	Distinct Iron Deposition Profiles of Liver Zones in Various Models with Iron Homeostasis Disorders. Advanced Science, 2018, 5, 1800866.	5.6	4
35	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