

# Yinjie Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,607  
citations

361413

20  
h-index

330143

37  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1836  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metallothionein Redox Cycle and Function. <i>Experimental Biology and Medicine</i> , 2006, 231, 1459-1467.	2.4	178
2	Dietary copper supplementation reverses hypertrophic cardiomyopathy induced by chronic pressure overload in mice. <i>Journal of Experimental Medicine</i> , 2007, 204, 657-666.	8.5	150
3	Zinc prevention and treatment of alcoholic liver disease. <i>Molecular Aspects of Medicine</i> , 2005, 26, 391-404.	6.4	104
4	Copper and homocysteine in cardiovascular diseases. , 2011, 129, 321-331.		99
5	Metallothionein transfers zinc to mitochondrial aconitase through a direct interaction in mouse hearts. <i>Biochemical and Biophysical Research Communications</i> , 2005, 332, 853-858.	2.1	97
6	Cardiac Hypertrophy: A Risk Factor for QT-Prolongation and Cardiac Sudden Death. <i>Toxicologic Pathology</i> , 2006, 34, 58-66.	1.8	87
7	Congestive Heart Failure in Copper-Deficient Mice. <i>Experimental Biology and Medicine</i> , 2003, 228, 811-817.	2.4	60
8	Copper Is Required for Cobalt-Induced Transcriptional Activity of Hypoxia-Inducible Factor-1. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 342, 561-567.	2.5	53
9	Marginal Dietary Copper Restriction Induces Cardiomyopathy in Rats. <i>Journal of Nutrition</i> , 2005, 135, 2130-2136.	2.9	48
10	Herbogenomics: From Traditional Chinese Medicine to Novel Therapeutics. <i>Experimental Biology and Medicine</i> , 2008, 233, 1059-1065.	2.4	47
11	Role of copper in regression of cardiac hypertrophy. , 2015, 148, 66-84.		46
12	Changes in the Gene Expression Associated with Carbon Tetrachloride-Induced Liver Fibrosis Persist after Cessation of Dosing in Mice. <i>Toxicological Sciences</i> , 2004, 79, 404-410.	3.1	42
13	Regression of Dietary Copper Restriction-Induced Cardiomyopathy by Copper Repletion in Mice. <i>Journal of Nutrition</i> , 2004, 134, 855-860.	2.9	41
14	Dietary Copper Restriction-Induced Changes in Myocardial Gene Expression and the Effect of Copper Repletion. <i>Experimental Biology and Medicine</i> , 2004, 229, 616-622.	2.4	37
15	Ischemia-induced Copper Loss and Suppression of Angiogenesis in the Pathogenesis of Myocardial Infarction. <i>Cardiovascular Toxicology</i> , 2013, 13, 1-8.	2.7	35
16	Decreases in Electrocardiographic R-Wave Amplitude and QT Interval Predict Myocardial Ischemic Infarction in Rhesus Monkeys with Left Anterior Descending Artery Ligation. <i>PLoS ONE</i> , 2013, 8, e71876.	2.5	32
17	Copper-dependent and -independent hypoxia-inducible factor-1 regulation of gene expression. <i>Metallomics</i> , 2014, 6, 1889-1893.	2.4	32
18	Antioxidant defense against anthracycline cardiotoxicity by metallothionein. <i>Cardiovascular Toxicology</i> , 2007, 7, 95-100.	2.7	31

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19	Role of Copper and Homocysteine in Pressure Overload Heart Failure. <i>Cardiovascular Toxicology</i> , 2008, 8, 137-144.	2.7	29
20	Copper promotion of myocardial regeneration. <i>Experimental Biology and Medicine</i> , 2020, 245, 911-921.	2.4	26
21	Electrocardiographic Characterization of Rhesus Monkey Model of Ischemic Myocardial Infarction Induced by Left Anterior Descending Artery Ligation. <i>Cardiovascular Toxicology</i> , 2011, 11, 365-372.	2.7	25
22	Immunohistochemical detection of differentially localized up-regulation of lysyl oxidase and down-regulation of matrix metalloproteinase-1 in rhesus monkey model of chronic myocardial infarction. <i>Experimental Biology and Medicine</i> , 2012, 237, 853-859.	2.4	25
23	Metallothionein rescues hypoxia-inducible factor-1 transcriptional activity in cardiomyocytes under diabetic conditions. <i>Biochemical and Biophysical Research Communications</i> , 2007, 360, 286-289.	2.1	22
24	Cytochrome c Oxidase is Essential for Copper-Induced Regression of Cardiomyocyte Hypertrophy. <i>Cardiovascular Toxicology</i> , 2010, 10, 208-215.	2.7	19
25	The Association Between Myocardial Fibrosis and Depressed Capillary Density in Rat Model of Left Ventricular Hypertrophy. <i>Cardiovascular Toxicology</i> , 2018, 18, 304-311.	2.7	18
26	Copper-induced reduction in myocardial fibrosis is associated with increased matrix metalloproteins in a rat model of cardiac hypertrophy. <i>Metallomics</i> , 2018, 10, 201-208.	2.4	18
27	Homocysteine Restricts Copper Availability Leading to Suppression of Cytochrome C Oxidase Activity in Phenylephrine-Treated Cardiomyocytes. <i>PLoS ONE</i> , 2013, 8, e67549.	2.5	18
28	Trientine selectively delivers copper to the heart and suppresses pressure overload-induced cardiac hypertrophy in rats. <i>Experimental Biology and Medicine</i> , 2018, 243, 1141-1152.	2.4	17
29	Disturbance of Copper Homeostasis Is a Mechanism for Homocysteine-Induced Vascular Endothelial Cell Injury. <i>PLoS ONE</i> , 2013, 8, e76209.	2.5	16
30	The association of depressed angiogenic factors with reduced capillary density in the Rhesus monkey model of myocardial ischemia. <i>Metallomics</i> , 2016, 8, 654-662.	2.4	15
31	Decreased copper concentrations but increased lysyl oxidase activity in ischemic hearts of rhesus monkeys. <i>Metallomics</i> , 2016, 8, 973-980.	2.4	14
32	Zinc supplementation suppresses the progression of bile duct ligation-induced liver fibrosis in mice. <i>Experimental Biology and Medicine</i> , 2015, 240, 1197-1204.	2.4	12
33	Copper promotes migration of adipose-derived stem cells by enhancing vimentin-Ser39 phosphorylation. <i>Experimental Cell Research</i> , 2020, 388, 111859.	2.6	12
34	Changes in copper and zinc status and response to dietary copper deficiency in metallothionein-overexpressing transgenic mouse heart. <i>Journal of Nutritional Biochemistry</i> , 2007, 18, 714-718.	4.2	10
35	Featured Article: Effect of copper on nuclear translocation of copper chaperone for superoxide dismutase-1. <i>Experimental Biology and Medicine</i> , 2016, 241, 1483-1488.	2.4	10
36	COMMD1 upregulation is involved in copper efflux from ischemic hearts. <i>Experimental Biology and Medicine</i> , 2021, 246, 607-616.	2.4	10

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37	An improved technique for cerebrospinal fluid collection of cisterna magna in Rhesus monkeys. <i>Journal of Neuroscience Methods</i> , 2015, 249, 59-65.	2.5	9
38	Vascular endothelial growth factor recovers suppressed cytochrome c oxidase activity by restoring copper availability in hypertrophic cardiomyocytes. <i>Experimental Biology and Medicine</i> , 2014, 239, 1671-1677.	2.4	8
39	Featured Article: Hypoxia-inducible factor-1 $\alpha$ dependent nuclear entry of factor inhibiting HIF-1. <i>Experimental Biology and Medicine</i> , 2015, 240, 1446-1451.	2.4	8
40	Cardiac Arrhythmias Induced by Chloral Hydrate in Rhesus Monkeys. <i>Cardiovascular Toxicology</i> , 2011, 11, 128-133.	2.7	7
41	The involvement of vimentin in copper-induced regression of cardiomyocyte hypertrophy. <i>Metallomics</i> , 2015, 7, 1331-1337.	2.4	7
42	Brief Communication: Copper suppression of vascular endothelial growth factor receptor-2 is involved in the regression of cardiomyocyte hypertrophy. <i>Experimental Biology and Medicine</i> , 2014, 239, 948-953.	2.4	6
43	A novel knot method for individually measurable aortic constriction in rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H987-H995.	3.2	6
44	Safety Evaluation of Sevoflurane as Anesthetic Agent in Mouse Model of Myocardial Ischemic Infarction. <i>Cardiovascular Toxicology</i> , 2017, 17, 150-156.	2.7	6
45	Changes in copper concentrations affect the protein levels but not the mRNA levels of copper chaperones in human umbilical vein endothelial cells. <i>Metallomics</i> , 2014, 6, 554-559.	2.4	5
46	The Effect of Myocardial Infarct Size on Cardiac Reserve in Rhesus Monkeys. <i>Cardiovascular Toxicology</i> , 2014, 14, 309-315.	2.7	5
47	Profiling of nuclear copper-binding proteins under hypoxic condition. <i>BioMetals</i> , 2019, 32, 329-341.	4.1	3
48	Extracellular matrix remodeling is associated with the survival of cardiomyocytes in the subendocardial region of the ischemic myocardium. <i>Experimental Biology and Medicine</i> , 2021, 246, 2579-2588.	2.4	2
49	Regression of pressure overload-induced cardiac hypertrophy by TETA-mediated myocardial copper supplementation in rats. <i>FASEB Journal</i> , 2018, 32, 580.7.	0.5	0
50	The Association between Suppressed Transformation of Fibroblasts to Myofibroblasts and Fibrolysis Induced by Copper Supplementation in Monkeys of Myocardial Ischemic Infarction. <i>FASEB Journal</i> , 2018, 32, 717.17.	0.5	0