

# Ninghui Cheng

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

880  
citations

840585

11  
h-index

752573

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1573  
citing authors

#	ARTICLE	IF	CITATIONS
1	A conserved oxalyl-coenzyme A decarboxylase in oxalate catabolism. <i>Plant Signaling and Behavior</i> , 2022, 17, 2062555.	1.2	1
2	Redoxâ€œengineering enhances maize thermotolerance and grain yield in the field. <i>Plant Biotechnology Journal</i> , 2022, 20, 1819-1832.	4.1	13
3	Crucial Role of Mammalian Glutaredoxin 3 in Cardiac Energy Metabolism in Diet-induced Obese Mice Revealed by Transcriptome Analysis. <i>International Journal of Biological Sciences</i> , 2021, 17, 2871-2883.	2.6	3
4	An Arabidopsis Oxalyl-CoA Decarboxylase, AtOXC, Is Important for Oxalate Catabolism in Plants. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3266.	1.8	8
5	Development of a rapid and efficient protoplast isolation and transfection method for chickpea ( <i>Cicer</i> ) Tj ETQq1 1 0.784314 18 BT /Over	0.7	18
6	Alteration of iron responsive gene expression in Arabidopsis glutaredoxin <i>S17</i> loss of function plants with or without iron stress. <i>Plant Signaling and Behavior</i> , 2020, 15, 1758455.	1.2	7
7	Consumption of polysaccharides from <i>Auricularia auricular</i> modulates the intestinal microbiota in mice. <i>Food Research International</i> , 2019, 123, 383-392.	2.9	63
8	Cardiacâ€œspecific ablation of glutaredoxin 3 leads to cardiac hypertrophy and heart failure. <i>Physiological Reports</i> , 2019, 7, e14071.	0.7	15
9	Effect of Acyl Activating Enzyme (AAE) 3 on the growth and development of <i>Medicago truncatula</i> . <i>Biochemical and Biophysical Research Communications</i> , 2018, 505, 255-260.	1.0	7
10	The MAPK Kinase Kinase GmMEKK1 Regulates Cell Death and Defense Responses. <i>Plant Physiology</i> , 2018, 178, 907-922.	2.3	42
11	Glutaredoxins in plant development, abiotic stress response, and iron homeostasis: From model organisms to crops. <i>Environmental and Experimental Botany</i> , 2017, 139, 91-98.	2.0	38
12	Loss of glutaredoxin 3 impedes mammary lobuloalveolar development during pregnancy and lactation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 312, E136-E149.	1.8	9
13	Expression of a monothiol glutaredoxin, AtGRXS17, in tomato ( <i>Solanum lycopersicum</i> ) enhances drought tolerance. <i>Biochemical and Biophysical Research Communications</i> , 2017, 491, 1034-1039.	1.0	37
14	Silencing of OsGRXS17 in rice improves drought stress tolerance by modulating ROS accumulation and stomatal closure. <i>Scientific Reports</i> , 2017, 7, 15950.	1.6	64
15	Quantitative real-time imaging of glutathione. <i>Nature Communications</i> , 2017, 8, 16087.	5.8	192
16	Arabidopsis Glutaredoxin S17 Contributes to Vegetative Growth, Mineral Accumulation, and Redox Balance during Iron Deficiency. <i>Frontiers in Plant Science</i> , 2017, 8, 1045.	1.7	20
17	Regulation of Stemness in Carcinoma Cells. <i>Stem Cells International</i> , 2017, 2017, 1-2.	1.2	1
18	Tomato expressing Arabidopsis glutaredoxin gene AtGRXS17 confers tolerance to chilling stress via modulating cold responsive components. <i>Horticulture Research</i> , 2015, 2, 15051.	2.9	62

#	ARTICLE	IF	CITATIONS
19	Redox Regulation in Cancer Stem Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-11.	1.9	124
20	Quantitative Imaging of Glutathione in Live Cells Using a Reversible Reaction-Based Ratiometric Fluorescent Probe. <i>ACS Chemical Biology</i> , 2015, 10, 864-874.	1.6	164