

Ninghui Cheng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2761403/publications.pdf>

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	Quantitative real-time imaging of glutathione. <i>Nature Communications</i> , 2017, 8, 16087.	5.8	192
2	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
3	Redox Regulation in Cancer Stem Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-11.	1.9	124
4	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
5	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
6	Tomato expressing <i>Arabidopsis</i> glutaredoxin gene AtGRXS17 confers tolerance to chilling stress via modulating cold responsive components. <i>Horticulture Research</i> , 2015, 2, 15051.	2.9	62
7	The MAPK Kinase Kinase GmMEKK1 Regulates Cell Death and Defense Responses. <i>Plant Physiology</i> , 2018, 178, 907-922.	2.3	42
8	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
9	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
10	<i>Arabidopsis</i> 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
11	Cardiac-specific ablation of glutaredoxin 3 leads to cardiac hypertrophy and heart failure. <i>Physiological Reports</i> , 2019, 7, e14071.	0.7	15
12	Redox-engineering enhances maize thermotolerance and grain yield in the field. <i>Plant Biotechnology Journal</i> , 2022, 20, 1819-1832.	4.1	13
13	Development of a rapid and efficient protoplast isolation and transfection method for chickpea (<i>Cicer</i>) Tj ETQq1 1 0.784314 pgBT / Ov 0.7 16	0.7	16
14	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
15	An <i>Arabidopsis</i> Oxalyl-CoA Decarboxylase, AtOXC, Is Important for Oxalate Catabolism in Plants. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3266.	1.8	8
16	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
17	Alteration of iron responsive gene expression in <i>Arabidopsis</i> 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
18	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

#	ARTICLE	IF	CITATIONS
19	Regulation of Stemness in Carcinoma Cells. Stem Cells International, 2017, 2017, 1-2.	1.2	1
20	A conserved oxalyl-coenzyme A decarboxylase in oxalate catabolism. Plant Signaling and Behavior, 2022, 17, 2062555.	1.2	1