

# Xiaojin J Zhou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6849930/publications.pdf>

Version: 2024-02-01

17  
papers

437  
citations

1040056

9  
h-index

940533

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

661  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide analysis of the NAAT, DMAS, TOM, and ENA gene families in maize suggests their roles in mediating iron homeostasis. <i>BMC Plant Biology</i> , 2022, 22, 37.	3.6	3
2	Maize Interveinal Chlorosis 1 links the Yang Cycle and Fe homeostasis through Nicotianamine biosynthesis. <i>Plant Physiology</i> , 2022, 188, 2131-2145.	4.8	2
3	Mediation of Zinc and Iron Accumulation in Maize by ZmIRT2, a Novel Iron-Regulated Transporter. <i>Plant and Cell Physiology</i> , 2022, 63, 521-534.	3.1	10
4	Pentatricopeptide repeat protein CNS1 regulates maize mitochondrial complex III assembly and seed development. <i>Plant Physiology</i> , 2022, 189, 611-627.	4.8	2
5	OsHSD2 interaction with and phosphorylation by OsCPK21 is essential for lipid metabolism during rice caryopsis development. <i>Journal of Plant Physiology</i> , 2022, 274, 153714.	3.5	0
6	OsCPK21 is required for pollen late-stage development in rice. <i>Journal of Plant Physiology</i> , 2019, 240, 153000.	3.5	10
7	Genome-scale mining of root-preferential genes from maize and characterization of their promoter activity. <i>BMC Plant Biology</i> , 2019, 19, 584.	3.6	9
8	A calcium-dependent protein kinase, ZmCPK32, specifically expressed in maize pollen to regulate pollen tube growth. <i>PLoS ONE</i> , 2018, 13, e0195787.	2.5	21
9	Rapid Method for Simultaneous Determination of Inositol Phosphates by IPC-ESI-MS/MS and Its Application in Nutrition and Genetic Research. <i>Chromatographia</i> , 2017, 80, 275-286.	1.3	4
10	Calcium-dependent protein kinase 21 phosphorylates 14-3-3 proteins in response to ABA signaling and salt stress in rice. <i>Biochemical and Biophysical Research Communications</i> , 2017, 493, 1450-1456.	2.1	62
11	Constitutive expression of the ZmZIP7 in Arabidopsis alters metal homeostasis and increases Fe and Zn content. <i>Plant Physiology and Biochemistry</i> , 2016, 106, 1-10.	5.8	31
12	Analysis of weighted co-regulatory networks in maize provides insights into new genes and regulatory mechanisms related to inositol phosphate metabolism. <i>BMC Genomics</i> , 2016, 17, 129.	2.8	24
13	Isolation of a maize ZmCI-1B promoter and characterization of its activity in transgenic maize and tobacco. <i>Plant Cell Reports</i> , 2015, 34, 1443-1457.	5.6	3
14	Identification and characterization of promoters specifically and strongly expressed in maize embryos. <i>Plant Biotechnology Journal</i> , 2014, 12, 1286-1296.	8.3	16
15	Genome-wide identification, classification and expression profiling of nicotianamine synthase (NAS) gene family in maize. <i>BMC Genomics</i> , 2013, 14, 238.	2.8	57
16	Identification and characterization of the zinc-regulated transporters, iron-regulated transporter-like protein (ZIP) gene family in maize. <i>BMC Plant Biology</i> , 2013, 13, 114.	3.6	169
17	Gene Structure Analysis of Rice ADP-ribosylation Factors (OsARFs) and Their mRNA Expression in Developing Rice Plants. <i>Plant Molecular Biology Reporter</i> , 2010, 28, 692-703.	1.8	14