

Yikun He

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5516697/publications.pdf>

Version: 2024-02-01

23
papers

679
citations

840776

11
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

1279
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>TEB</i> / <i>POLQ</i> plays dual roles in protecting <i>Arabidopsis</i> from NO-induced DNA damage. <i>Nucleic Acids Research</i> , 2022, 50, 6820-6836.	14.5	2
2	A transceptor channel complex couples nitrate sensing to calcium signaling in <i>Arabidopsis</i> . <i>Molecular Plant</i> , 2021, 14, 774-786.	8.3	60
3	A chloride efflux transporter, BIG RICE GRAIN 1, is involved in mediating grain size and salt tolerance in rice. <i>Journal of Integrative Plant Biology</i> , 2021, 63, 2150-2163.	8.5	8
4	Molecular cloning and functional characterization of <i>Physcomitrella patens</i> UBC13-UEV1 genes required for Lys63-linked polyubiquitination. <i>Plant Science</i> , 2020, 297, 110518.	3.6	4
5	Structural basis for plant lutein biosynthesis from β -carotene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 14150-14157.	7.1	36
6	PpAKR1A, a Novel Aldo-Keto Reductase from <i>Physcomitrella Patens</i> , Plays a Positive Role in Salt Stress. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5723.	4.1	13
7	Desiccation tolerance in <i>Physcomitrella patens</i> : Rate of dehydration and the involvement of endogenous abscisic acid (ABA). <i>Plant, Cell and Environment</i> , 2018, 41, 275-284.	5.7	48
8	Structure of the <i>Arabidopsis thaliana</i> NADPH cytochrome P450 reductase 2 (ATR2) provides insight into its function. <i>FEBS Journal</i> , 2017, 284, 754-765.	4.7	25
9	Quantitative Proteomics Analysis of Developmental Reprogramming in Protoplasts of the Moss <i>Physcomitrella patens</i> . <i>Plant and Cell Physiology</i> , 2017, 58, 946-961.	3.1	6
10	Dehydration-responsive features of <i>Atrichum undulatum</i> . <i>Journal of Plant Research</i> , 2016, 129, 945-954.	2.4	12
11	Heterologous expression of two <i>Physcomitrella patens</i> group 3 late embryogenesis abundant protein (LEA3) genes confers salinity tolerance in <i>Arabidopsis</i> . <i>Journal of Plant Biology</i> , 2016, 59, 182-193.	2.1	12
12	Endogenous Small-Noncoding RNAs and Potential Functions in Desiccation Tolerance in <i>Physcomitrella Patens</i> . <i>Scientific Reports</i> , 2016, 6, 30118.	3.3	13
13	A molecular pathway for CO ₂ response in <i>Arabidopsis</i> guard cells. <i>Nature Communications</i> , 2015, 6, 6057.	12.8	145
14	The resurrection genome of <i>Boea hygrometrica</i> : A blueprint for survival of dehydration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5833-5837.	7.1	132
15	Nitric oxide negatively regulates AKT1-mediated potassium uptake through modulating vitamin B6 homeostasis in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16196-16201.	7.1	52
16	Nitric oxide induces cotyledon senescence involving co-operation of the NES1/MAD1 and EIN2-associated ORE1 signalling pathways in <i>Arabidopsis</i> . <i>Journal of Experimental Botany</i> , 2014, 65, 4051-4063.	4.8	44
17	Phospho-proteomic analysis of developmental reprogramming in the moss <i>Physcomitrella patens</i> . <i>Journal of Proteomics</i> , 2014, 108, 284-294.	2.4	9
18	A simple and reliable qualitative detection of six foodstuff powders using optical thin-film biosensor chips. <i>European Food Research and Technology</i> , 2013, 236, 899-904.	3.3	2

#	ARTICLE	IF	CITATIONS
19	Structural and Functional Analysis of the Antiparallel Strands in the Lumenal Loop of the Major Light-harvesting Chlorophyll a/b Complex of Photosystem II (LHCIIb) by Site-directed Mutagenesis. Journal of Biological Chemistry, 2008, 283, 487-495.	3.4	31
20	Lignin reduction in transgenic poplars by expressing antisense CCoAOMT gene. Progress in Natural Science: Materials International, 2004, 14, 1060-1063.	4.4	13
21	Cloning and functional analysis of chloroplast division gene NtFtsZ2-l in Nicotiana tabacum *. Progress in Natural Science: Materials International, 2003, 13, 357-361.	4.4	0
22	Expression of Arabidopsis tryptophan biosynthetic pathway genes: effect of the 5' coding region of phosphoribosylanthranilate isomerase gene. Science in China Series C: Life Sciences, 1999, 42, 274-280.	1.3	0
23	Protoplast culture and plant regeneration of Pinellia ternata. Plant Cell Reports, 1996, 16, 92-96.	5.6	9