

Fugeng Zhao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4744626/publications.pdf>

Version: 2024-02-01

20
papers

1,048
citations

567144

15
h-index

752573

20
g-index

20
all docs

20
docs citations

20
times ranked

1666
citing authors

#	ARTICLE	IF	CITATIONS
1	A calmodulin-gated calcium channel links pathogen patterns to plant immunity. <i>Nature</i> , 2019, 572, 131-135.	13.7	320
2	Polyamines Improve K ⁺ /Na ⁺ Homeostasis in Barley Seedlings by Regulating Root Ion Channel Activities. <i>Plant Physiology</i> , 2007, 145, 1061-1072.	2.3	124
3	Inner Envelope CHLOROPLAST MANGANESE TRANSPORTER 1 Supports Manganese Homeostasis and Phototrophic Growth in Arabidopsis. <i>Molecular Plant</i> , 2018, 11, 943-954.	3.9	71
4	Calcium-dependent protein kinase CPK31 interacts with arsenic transporter AtNIP1;1 and regulates arsenite uptake in Arabidopsis thaliana. <i>PLoS ONE</i> , 2017, 12, e0173681.	1.1	66
5	Overexpression of Pyrabactin Resistance-Like Abscisic Acid Receptors Enhances Drought, Osmotic, and Cold Tolerance in Transgenic Poplars. <i>Frontiers in Plant Science</i> , 2017, 8, 1752.	1.7	57
6	Danger-Associated Peptides Close Stomata by OST1-Independent Activation of Anion Channels in Guard Cells. <i>Plant Cell</i> , 2018, 30, 1132-1146.	3.1	57
7	Calcineurin B-Like Proteins CBL4 and CBL10 Mediate Two Independent Salt Tolerance Pathways in Arabidopsis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2421.	1.8	49
8	Overexpression of Poplar Pyrabactin Resistance-Like Abscisic Acid Receptors Promotes Abscisic Acid Sensitivity and Drought Resistance in Transgenic Arabidopsis. <i>PLoS ONE</i> , 2016, 11, e0168040.	1.1	43
9	Transport and homeostasis of potassium and phosphate: limiting factors for sustainable crop production. <i>Journal of Experimental Botany</i> , 2016, 68, erw444.	2.4	42
10	Arabidopsis choline transporter-like 1 (CTL1) regulates secretory trafficking of auxin transporters to control seedling growth. <i>PLoS Biology</i> , 2017, 15, e2004310.	2.6	35
11	Danger-Associated Peptides Interact with PIN-Dependent Local Auxin Distribution to Inhibit Root Growth in Arabidopsis. <i>Plant Cell</i> , 2019, 31, 1767-1787.	3.1	31
12	Vacuolar Phosphate Transporters Contribute to Systemic Phosphate Homeostasis Vital for Reproductive Development in Arabidopsis. <i>Plant Physiology</i> , 2019, 179, 640-655.	2.3	30
13	Vacuolar SPX-MFS transporters are essential for phosphate adaptation in plants. <i>Plant Signaling and Behavior</i> , 2016, 11, e1213474.	1.2	27
14	Danger-Associated Peptide Regulates Root Immune Responses and Root Growth by Affecting ROS Formation in Arabidopsis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4590.	1.8	24
15	A Defective Vacuolar Proton Pump Enhances Aluminum Tolerance by Reducing Vacuole Sequestration of Organic Acids. <i>Plant Physiology</i> , 2019, 181, 743-761.	2.3	22
16	A Thylakoid Membrane Protein Functions Synergistically with GUN5 in Chlorophyll Biosynthesis. <i>Plant Communications</i> , 2020, 1, 100094.	3.6	17
17	Vacuolar Proton Pyrophosphatase Is Required for High Magnesium Tolerance in Arabidopsis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3617.	1.8	15
18	Two magnesium transporters in the chloroplast inner envelope essential for thylakoid biogenesis in Arabidopsis. <i>New Phytologist</i> , 2022, 236, 464-478.	3.5	8

#	ARTICLE	IF	CITATIONS
19	A survey of the pyrabactin resistance-like abscisic acid receptor gene family in poplar. <i>Plant Signaling and Behavior</i> , 2017, 12, e1356966.	1.2	5
20	An ICLn homolog contributes to osmotic and low-nitrate tolerance by enhancing nitrate accumulation in <i>Arabidopsis</i> . <i>Plant, Cell and Environment</i> , 2021, 44, 1580-1595.	2.8	5