

Fugeng Zhao

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

612
citations

12
h-index

20
g-index

20
ext. papers

862
ext. citations

9.1
avg, IF

3.64
L-index

#	Paper	IF	Citations
19	A calmodulin-gated calcium channel links pathogen patterns to plant immunity. <i>Nature</i> , 2019 , 572, 131-135	35.4	162
18	Polyamines improve K ⁺ /Na ⁺ homeostasis in barley seedlings by regulating root ion channel activities. <i>Plant Physiology</i> , 2007 , 145, 1061-72	6.6	111
17	Calcium-dependent protein kinase CPK31 interacts with arsenic transporter AtNIP1;1 and regulates arsenite uptake in <i>Arabidopsis thaliana</i> . <i>PLoS ONE</i> , 2017 , 12, e0173681	3.7	46
16	Inner Envelope CHLOROPLAST MANGANESE TRANSPORTER 1 Supports Manganese Homeostasis and Phototrophic Growth in <i>Arabidopsis</i> . <i>Molecular Plant</i> , 2018 , 11, 943-954	14.4	36
15	Danger-Associated Peptides Close Stomata by OST1-Independent Activation of Anion Channels in Guard Cells. <i>Plant Cell</i> , 2018 , 30, 1132-1146	11.6	35
14	Transport and homeostasis of potassium and phosphate: limiting factors for sustainable crop production. <i>Journal of Experimental Botany</i> , 2017 , 68, 3091-3105	7	35
13	Overexpression of Poplar Pyrabactin Resistance-Like Abscisic Acid Receptors Promotes Abscisic Acid Sensitivity and Drought Resistance in Transgenic <i>Arabidopsis</i> . <i>PLoS ONE</i> , 2016 , 11, e0168040	3.7	29
12	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	6.2	28
11	Calcineurin B-Like Proteins CBL4 and CBL10 Mediate Two Independent Salt Tolerance Pathways in. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	26
10	<i>Arabidopsis</i> choline transporter-like 1 (CTL1) regulates secretory trafficking of auxin transporters to control seedling growth. <i>PLoS Biology</i> , 2017 , 15, e2004310	9.7	19
9	Vacuolar SPX-MFS transporters are essential for phosphate adaptation in plants. <i>Plant Signaling and Behavior</i> , 2016 , 11, e1213474	2.5	19
8	Vacuolar Phosphate Transporters Contribute to Systemic Phosphate Homeostasis Vital for Reproductive Development in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2019 , 179, 640-655	6.6	14
7	Danger-Associated Peptides Interact with PIN-Dependent Local Auxin Distribution to Inhibit Root Growth in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2019 , 31, 1767-1787	11.6	12
6	Vacuolar Proton Pyrophosphatase Is Required for High Magnesium Tolerance in. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	11
5	A Defective Vacuolar Proton Pump Enhances Aluminum Tolerance by Reducing Vacuole Sequestration of Organic Acids. <i>Plant Physiology</i> , 2019 , 181, 743-761	6.6	9
4	A Thylakoid Membrane Protein Functions Synergistically with GUN5 in Chlorophyll Biosynthesis. <i>Plant Communications</i> , 2020 , 1, 100094	9	7
3	Danger-Associated Peptide Regulates Root Immune Responses and Root Growth by Affecting ROS Formation in. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	6

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| 2 | A survey of the pyrabactin resistance-like abscisic acid receptor gene family in poplar. <i>Plant Signaling and Behavior</i> , 2017 , 12, e1356966 | 2.5 | 5 |
| 1 | An ICl _n homolog contributes to osmotic and low-nitrate tolerance by enhancing nitrate accumulation in Arabidopsis. <i>Plant, Cell and Environment</i> , 2021 , 44, 1580-1595 | 8.4 | 1 |