Timothy O Jobe

List of Publications by Year
in descending order

17	909	840585 11	887953 17
papers	citations	h-index	g-index

23	23	23	1407
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An <scp>amiRNA</scp> screen uncovers redundant <scp>CBF</scp> and <scp>ERF34</scp>/35 transcription factors that differentially regulate arsenite and cadmium responses. Plant, Cell and Environment, 2021, 44, 1692-1706.	2.8	19
2	The SLIM1 transcription factor is required for arsenic resistance in Arabidopsis thaliana. FEBS Letters, 2021, 595, 1696-1707.	1.3	12
3	The Transcription Factor EIL1 Participates in the Regulation of Sulfur-Deficiency Response. Plant Physiology, 2020, 184, 2120-2136.	2.3	33
4	Ensuring Nutritious Food Under Elevated CO2 Conditions: A Case for Improved C4 Crops. Frontiers in Plant Science, 2020, 11, 1267.	1.7	20
5	A massively parallel barcoded sequencing pipeline enables generation of the first ORFeome and interactome map for rice. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11836-11842.	3.3	16
6	Regeneration and transient gene expression in protoplasts of Draparnaldia (chlorophytes), an emerging model for comparative analyses with basal streptophytes. Plant Methods, 2019, 15, 74.	1.9	5
7	Orphan crops at the food for future conference. Planta, 2019, 250, 1005-1010.	1.6	1
8	Keep talking: crosstalk between iron and sulfur networks fine-tunes growth and development to promote survival under iron limitation. Journal of Experimental Botany, 2019, 70, 4197-4210.	2.4	22
9	Integration of sulfate assimilation with carbon and nitrogen metabolism in transition from C3 to C4 photosynthesis. Journal of Experimental Botany, 2019, 70, 4211-4221.	2.4	55
10	<scp>ALUMINUM RESISTANCE TRANSCRIPTION FACTOR</scp> 1 (<scp>ART</scp>1) contributes to natural variation in aluminum resistance in diverse genetic backgrounds of rice (O.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.9	
11	Identification of AtOPT4 as a Plant Glutathione Transporter. Molecular Plant, 2016, 9, 481-484.	3.9	24
12	A Newly Identified Passive Hyperaccumulator Eucalyptus grandis Ã— E. urophylla under Manganese Stress. PLoS ONE, 2015, 10, e0136606.	1.1	9
13	OPT3 Is a Component of the Iron-Signaling Network between Leaves and Roots and Misregulation of OPT3 Leads to an Over-Accumulation of Cadmium in Seeds. Molecular Plant, 2014, 7, 1455-1469.	3.9	135
14	Feedback inhibition by thiols outranks glutathione depletion: a luciferaseâ€based screen reveals glutathioneâ€deficient Î³â€ECS and glutathione synthetase mutants impaired in cadmiumâ€induced sulfate assimilation. Plant Journal, 2012, 70, 783-795.	2.8	60
15	Long-distance transport, vacuolar sequestration, tolerance, and transcriptional responses induced by cadmium and arsenic. Current Opinion in Plant Biology, 2011, 14, 554-562.	3.5	366
16	Tonoplast-localized Abc2 Transporter Mediates Phytochelatin Accumulation in Vacuoles and Confers Cadmium Tolerance. Journal of Biological Chemistry, 2010, 285, 40416-40426.	1.6	87
17	Thermodynamic Analysis of Equations of State for the Monopropellant Hydrazine. Journal of Thermophysics and Heat Transfer, 2007, 21, 243-246.	0.9	7