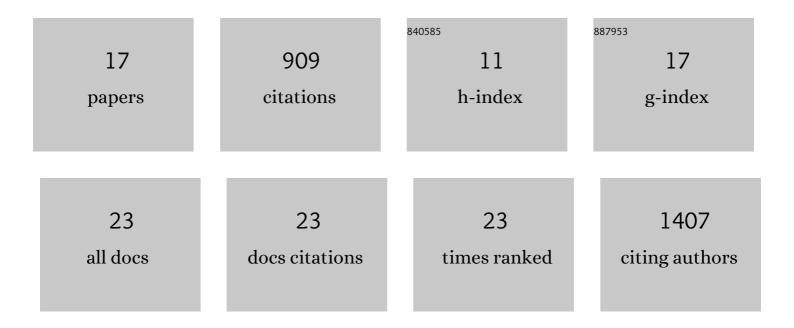
## Timothy O Jobe

List of Publications by Year in descending order

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TIMOTHY O LOBE

#	Article	IF	CITATIONS
1	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
2	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
3	Tonoplast-localized Abc2 Transporter Mediates Phytochelatin Accumulation in Vacuoles and Confers Cadmium Tolerance. Journal of Biological Chemistry, 2010, 285, 40416-40426.	1.6	87
4	Feedback inhibition by thiols outranks glutathione depletion: a luciferaseâ€based screen reveals glutathioneâ€deficient γâ€ECS and glutathione synthetase mutants impaired in cadmiumâ€induced sulfate assimilation. Plant Journal, 2012, 70, 783-795.	2.8	60
5	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
6	The Transcription Factor EIL1 Participates in the Regulation of Sulfur-Deficiency Response. Plant Physiology, 2020, 184, 2120-2136.	2.3	33
7	<i><scp>ALUMINUM RESISTANCE TRANSCRIPTION FACTOR</scp> 1</i> ( <i><scp>ART</scp>1</i> ) contributes to natural variation in aluminum resistance in diverse genetic backgrounds of rice ( <i>O.) Tj ETQq1 1</i>	0 <b>7.8</b> 4314	r <b>gB</b> T /Over
8	Identification of AtOPT4 as a Plant Glutathione Transporter. Molecular Plant, 2016, 9, 481-484.	3.9	24
9	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
10	Ensuring Nutritious Food Under Elevated CO2 Conditions: A Case for Improved C4 Crops. Frontiers in Plant Science, 2020, 11, 1267.	1.7	20
11	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
12	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
13	The SLIM1 transcription factor is required for arsenic resistance in <i>Arabidopsis thaliana</i> . FEBS Letters, 2021, 595, 1696-1707.	1.3	12
14	A Newly Identified Passive Hyperaccumulator Eucalyptus grandis × E. urophylla under Manganese Stress. PLoS ONE, 2015, 10, e0136606.	1.1	9
15	Thermodynamic Analysis of Equations of State for the Monopropellant Hydrazine. Journal of Thermophysics and Heat Transfer, 2007, 21, 243-246.	0.9	7
16	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
17	Orphan crops at the food for future conference. Planta, 2019, 250, 1005-1010.	1.6	1