

# Timothy O Jobe

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

909  
citations

840585

11  
h-index

887953

17  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1407  
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-distance transport, vacuolar sequestration, tolerance, and transcriptional responses induced by cadmium and arsenic. <i>Current Opinion in Plant Biology</i> , 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. <i>Molecular Plant</i> , 2014, 7, 1455-1469.	3.9	135
3	Tonoplast-localized Abc2 Transporter Mediates Phytochelatin Accumulation in Vacuoles and Confers Cadmium Tolerance. <i>Journal of Biological Chemistry</i> , 2010, 285, 40416-40426.	1.6	87
4	Feedback inhibition by thiols outranks glutathione depletion: a luciferase-based screen reveals glutathione-deficient $\gamma$ -ECS and glutathione synthetase mutants impaired in cadmium-induced sulfate assimilation. <i>Plant Journal</i> , 2012, 70, 783-795.	2.8	60
5	Integration of sulfate assimilation with carbon and nitrogen metabolism in transition from C3 to C4 photosynthesis. <i>Journal of Experimental Botany</i> , 2019, 70, 4211-4221.	2.4	55
6	The Transcription Factor EIL1 Participates in the Regulation of Sulfur-Deficiency Response. <i>Plant Physiology</i> , 2020, 184, 2120-2136.	2.3	33
7	<i>ALUMINUM RESISTANCE TRANSCRIPTION FACTOR 1</i> ( <i>ART1</i> ) contributes to natural variation in aluminum resistance in diverse genetic backgrounds of rice ( <i>O. Tj ETQq1 1 0784314 rgBT /Over</i>	2.8	14
8	Identification of AtOPT4 as a Plant Glutathione Transporter. <i>Molecular Plant</i> , 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. <i>Journal of Experimental Botany</i> , 2019, 70, 4197-4210.	2.4	22
10	Ensuring Nutritious Food Under Elevated CO2 Conditions: A Case for Improved C4 Crops. <i>Frontiers in Plant Science</i> , 2020, 11, 1267.	1.7	20
11	An <i>amiRNA</i> screen uncovers redundant <i>CBF</i> and <i>ERF34/35</i> transcription factors that differentially regulate arsenite and cadmium responses. <i>Plant, Cell and Environment</i> , 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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11836-11842.	3.3	16
13	The SLIM1 transcription factor is required for arsenic resistance in <i>Arabidopsis thaliana</i> . <i>FEBS Letters</i> , 2021, 595, 1696-1707.	1.3	12
14	A Newly Identified Passive Hyperaccumulator <i>Eucalyptus grandis</i> – <i>E. urophylla</i> under Manganese Stress. <i>PLoS ONE</i> , 2015, 10, e0136606.	1.1	9
15	Thermodynamic Analysis of Equations of State for the Monopropellant Hydrazine. <i>Journal of Thermophysics and Heat Transfer</i> , 2007, 21, 243-246.	0.9	7
16	Regeneration and transient gene expression in protoplasts of <i>Draparnaldia</i> (chlorophytes), an emerging model for comparative analyses with basal streptophytes. <i>Plant Methods</i> , 2019, 15, 74.	1.9	5
17	Orphan crops at the food for future conference. <i>Planta</i> , 2019, 250, 1005-1010.	1.6	1