

# Jamie A O'rourke

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

985  
citations

516710

16  
h-index

610901

24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1580  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gene Expression Responses to Sequential Nutrient Deficiency Stresses in Soybean. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1252.	4.1	6
2	Characterizing short and long term iron stress responses in iron deficiency tolerant and susceptible soybean ( <i>Glycine max</i> L. Merr.). <i>Plant Stress</i> , 2021, 2, 100012.	5.5	18
3	Mining Fiskeby III and Mandarin (Ottawa) Expression Profiles to Understand Iron Stress Tolerant Responses in Soybean. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11032.	4.1	3
4	Comparing Early Transcriptomic Responses of 18 Soybean ( <i>Glycine max</i> ) Genotypes to Iron Stress. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11643.	4.1	4
5	Dynamic gene expression changes in response to micronutrient, macronutrient, and multiple stress exposures in soybean. <i>Functional and Integrative Genomics</i> , 2020, 20, 321-341.	3.5	18
6	Deconstructing the genetic architecture of iron deficiency chlorosis in soybean using genome-wide approaches. <i>BMC Plant Biology</i> , 2020, 20, 42.	3.6	32
7	Examining Short-Term Responses to a Long-Term Problem: RNA-Seq Analyses of Iron Deficiency Chlorosis Tolerant Soybean. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3591.	4.1	9
8	Soybean Root System Architecture Trait Study through Genotypic, Phenotypic, and Shape-Based Clusters. <i>Plant Phenomics</i> , 2020, 2020, 1925495.	5.9	40
9	Comprehensive mapping of abiotic stress inputs into the soybean circadian clock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23840-23849.	7.1	49
10	Leveraging RNA-Seq to Characterize Resistance to Brown Stem Rot and the <i>Rbs3</i> Locus in Soybean. <i>Molecular Plant-Microbe Interactions</i> , 2018, 31, 1083-1094.	2.6	12
11	Fast neutron-induced structural rearrangements at a soybean NAP1 locus result in gnarled trichomes. <i>Theoretical and Applied Genetics</i> , 2016, 129, 1725-1738.	3.6	35
12	Virus-Induced Gene Silencing and Transient Gene Expression in Soybean ( <i>Glycine max</i> ) Using Bean Pod Mottle Virus Infectious Clones. <i>Current Protocols in Plant Biology</i> , 2016, 1, 263-283.	2.8	13
13	Transgene silencing of sucrose synthase in alfalfa ( <i>Medicago sativa</i> L.) stem vascular tissue suggests a role for invertase in cell wall cellulose synthesis. <i>BMC Plant Biology</i> , 2015, 15, 283.	3.6	17
14	The <i>Medicago sativa</i> gene index 1.2: a web-accessible gene expression atlas for investigating expression differences between <i>Medicago sativa</i> subspecies. <i>BMC Genomics</i> , 2015, 16, 502.	2.8	54
15	Replication protein A subunit 3 and the iron efficiency response in soybean. <i>Plant, Cell and Environment</i> , 2014, 37, 213-234.	5.7	34
16	An RNA-Seq based gene expression atlas of the common bean. <i>BMC Genomics</i> , 2014, 15, 866.	2.8	142
17	Legume genomics: understanding biology through DNA and RNA sequencing. <i>Annals of Botany</i> , 2014, 113, 1107-1120.	2.9	52
18	Transcriptome analyses and virus induced gene silencing identify genes in the Rpp4-mediated Asian soybean rust resistance pathway. <i>Functional Plant Biology</i> , 2013, 40, 1029.	2.1	57

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19	A re-sequencing based assessment of genomic heterogeneity and fast neutron-induced deletions in a common bean cultivar. <i>Frontiers in Plant Science</i> , 2013, 4, 210.	3.6	18
20	An RNA-Seq Transcriptome Analysis of Orthophosphate-Deficient White Lupin Reveals Novel Insights into Phosphorus Acclimation in Plants. <i>Plant Physiology</i> , 2013, 161, 705-724.	4.8	184
21	An Integrative Approach to Genomic Introgression Mapping. <i>Plant Physiology</i> , 2010, 154, 3-12.	4.8	45
22	Integrating microarray analysis and the soybean genome to understand the soybeans iron deficiency response. <i>BMC Genomics</i> , 2009, 10, 376.	2.8	56
23	Recovering from iron deficiency chlorosis in near-isogenic soybeans: A microarray study. <i>Plant Physiology and Biochemistry</i> , 2007, 45, 287-292.	5.8	22
24	Microarray analysis of iron deficiency chlorosis in near-isogenic soybean lines. <i>BMC Genomics</i> , 2007, 8, 476.	2.8	65