Jamie A O'rourke

List of Publications by Year
in descending order

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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	An RNA-Seq Transcriptome Analysis of Orthophosphate-Deficient White Lupin Reveals Novel Insights into Phosphorus Acclimation in Plants Â Â. Plant Physiology, 2013, 161, 705-724.	4.8	184
2	An RNA-Seq based gene expression atlas of the common bean. BMC Genomics, 2014, 15, 866.	2.8	142
3	Microarray analysis of iron deficiency chlorosis in near-isogenic soybean lines. BMC Genomics, 2007, 8, 476.	2.8	65
4	Transcriptome analyses and virus induced gene silencing identify genes in the Rpp4-mediated Asian soybean rust resistance pathway. Functional Plant Biology, 2013, 40, 1029.	2.1	57
5	Integrating microarray analysis and the soybean genome to understand the soybeans iron deficiency response. BMC Genomics, 2009, 10, 376.	2.8	56
6	The Medicago sativa gene index 1.2: a web-accessible gene expression atlas for investigating expression differences between Medicago sativa subspecies. BMC Genomics, 2015, 16, 502.	2.8	54
7	Legume genomics: understanding biology through DNA and RNA sequencing. Annals of Botany, 2014, 113, 1107-1120.	2.9	52
8	Comprehensive mapping of abiotic stress inputs into the soybean circadian clock. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23840-23849.	7.1	49
9	An Integrative Approach to Genomic Introgression Mapping Â Â. Plant Physiology, 2010, 154, 3-12.	4.8	45
10	Soybean Root System Architecture Trait Study through Genotypic, Phenotypic, and Shape-Based Clusters. Plant Phenomics, 2020, 2020, 1925495.	5.9	40
11	Fast neutron-induced structural rearrangements at a soybean NAP1 locus result in gnarled trichomes. Theoretical and Applied Genetics, 2016, 129, 1725-1738.	3.6	35
12	Replication protein <scp>A</scp> subunit 3 and the iron efficiency response in soybean. Plant, Cell and Environment, 2014, 37, 213-234.	5.7	34
13	Deconstructing the genetic architecture of iron deficiency chlorosis in soybean using genome-wide approaches. BMC Plant Biology, 2020, 20, 42.	3.6	32
14	Recovering from iron deficiency chlorosis in near-isogenic soybeans: A microarray study. Plant Physiology and Biochemistry, 2007, 45, 287-292.	5.8	22
15	A re-sequencing based assessment of genomic heterogeneity and fast neutron-induced deletions in a common bean cultivar. Frontiers in Plant Science, 2013, 4, 210.	3.6	18
16	Dynamic gene expression changes in response to micronutrient, macronutrient, and multiple stress exposures in soybean. Functional and Integrative Genomics, 2020, 20, 321-341.	3.5	18
17	Characterizing short and long term iron stress responses in iron deficiency tolerant and susceptible soybean (Glycine max L. Merr.). Plant Stress, 2021, 2, 100012.	5.5	18
18	Transgene silencing of sucrose synthase in alfalfa (Medicago sativa L.) stem vascular tissue suggests a role for invertase in cell wall cellulose synthesis. BMC Plant Biology, 2015, 15, 283.	3.6	17

#	Article	IF	Citations
19	Virusâ€induced Gene Silencing and Transient Gene Expression in Soybean (Glycine max) Using Bean Pod Mottle Virus Infectious Clones. Current Protocols in Plant Biology, 2016, 1, 263-283.	2.8	13
20	Leveraging RNA-Seq to Characterize Resistance to Brown Stem Rot and the Rbs3 Locus in Soybean. Molecular Plant-Microbe Interactions, 2018, 31, 1083-1094.	2.6	12
21	Examining Short-Term Responses to a Long-Term Problem: RNA-Seq Analyses of Iron Deficiency Chlorosis Tolerant Soybean. International Journal of Molecular Sciences, 2020, 21, 3591.	4.1	9
22	Gene Expression Responses to Sequential Nutrient Deficiency Stresses in Soybean. International Journal of Molecular Sciences, 2021, 22, 1252.	4.1	6
23	Comparing Early Transcriptomic Responses of 18 Soybean (Glycine max) Genotypes to Iron Stress. International Journal of Molecular Sciences, 2021, 22, 11643.	4.1	4
24	Mining Fiskeby III and Mandarin (Ottawa) Expression Profiles to Understand Iron Stress Tolerant Responses in Soybean. International Journal of Molecular Sciences, 2021, 22, 11032.	4.1	3