Jonathan P Anderson

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4685713/publications.pdf

Version: 2024-02-01

31 papers	4,606 citations	279798 23 h-index	477307 29 g-index
32 all docs	32 docs citations	32 times ranked	5433 citing authors

#	Article	IF	Citations
1	Coordinated plant defense responses in Arabidopsis revealed by microarray analysis. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 11655-11660.	7.1	1,293
2	Antagonistic Interaction between Abscisic Acid and Jasmonate-Ethylene Signaling Pathways Modulates Defense Gene Expression and Disease Resistance in Arabidopsis. Plant Cell, 2004, 16, 3460-3479.	6.6	1,017
3	The <i>Medicago truncatula</i> ortholog of Arabidopsis EIN2, <i>sickle</i>, is a negative regulator of symbiotic and pathogenic microbial associations. Plant Journal, 2008, 55, 580-595.	5.7	272
4	Pathogen-Responsive Expression of a Putative ATP-Binding Cassette Transporter Gene Conferring Resistance to the Diterpenoid Sclareol Is Regulated by Multiple Defense Signaling Pathways in Arabidopsis. Plant Physiology, 2003, 133, 1272-1284.	4.8	194
5	AtERF14, a Member of the ERF Family of Transcription Factors, Plays a Nonredundant Role in Plant Defense. Plant Physiology, 2007, 143, 400-409.	4.8	188
6	Systemic Gene Expression in Arabidopsis during an Incompatible Interaction with Alternaria brassicicola Â Â. Plant Physiology, 2003, 132, 999-1010.	4.8	160
7	Plants versus pathogens: an evolutionary arms race. Functional Plant Biology, 2010, 37, 499.	2.1	156
8	Genome Sequencing and Comparative Genomics of the Broad Host-Range Pathogen Rhizoctonia solani AG8. PLoS Genetics, 2014, 10, e1004281.	3.5	145
9	Involvement of the Octadecanoid Pathway in Bluegreen Aphid Resistance in Medicago truncatula. Molecular Plant-Microbe Interactions, 2007, 20, 82-93.	2.6	141
10	Plant defence responses: what have we learnt from Arabidopsis?. Functional Plant Biology, 2005, 32, 1.	2.1	136
11	Phosphite primed defence responses and enhanced expression of defence genes in <i>Arabidopsis thaliana</i> infected with <i>Phytophthora cinnamomi</i>. Plant Pathology, 2011, 60, 1086-1095.	2.4	124
12	Comparative genomics and prediction of conditionally dispensable sequences in legumeâ€“infecting Fusarium oxysporum formae speciales facilitates identification of candidate effectors. BMC Genomics, 2016, 17, 191.	2.8	109
13	Characterization of Pea Aphid Resistance in <i>Medicago truncatula</i> Â Â Â. Plant Physiology, 2008, 146, 996-1009.	4.8	87
14	Reactive Oxygen Species Play a Role in the Infection of the Necrotrophic Fungi, Rhizoctonia solani in Wheat. PLoS ONE, 2016, 11, e0152548.	2.5	77
15	The B-3 Ethylene Response Factor MtERF1-1 Mediates Resistance to a Subset of Root Pathogens in<i>Medicago truncatula</i>without Adversely Affecting Symbiosis with Rhizobia Â Â. Plant Physiology, 2010, 154, 861-873.	4.8	72
16	Comparative secretome analysis of Rhizoctonia solani isolates with different host ranges reveals unique secretomes and cell death inducing effectors. Scientific Reports, 2017, 7, 10410.	3.3	62
17	Genetic and Genomic Analysis of Rhizoctonia solani Interactions with Arabidopsis; Evidence of Resistance Mediated through NADPH Oxidases. PLoS ONE, 2013, 8, e56814.	2.5	56
18	Suppression of the auxin response pathway enhances susceptibility to Phytophthora cinnamomi while phosphite-mediated resistance stimulates the auxin signalling pathway. BMC Plant Biology, 2014, 14, 68.	3.6	41

#	Article	IF	Citations
19	Plantâ€“aphid interactions with a focus on legumes. Functional Plant Biology, 2013, 40, 1271.	2.1	40
20	Ethylene Signaling Is Important for Isoflavonoid-Mediated Resistance to <i>Rhizoctonia solani</i> in Roots of <i>Medicago truncatula</i>. Molecular Plant-Microbe Interactions, 2017, 30, 691-700.	2.6	40
21	Plant defence responses: conservation between models and crops. Functional Plant Biology, 2005, 32, 21.	2.1	39
22	Proteomic Analysis of Rhizoctonia solani Identifies Infection-specific, Redox Associated Proteins and Insight into Adaptation to Different Plant Hosts. Molecular and Cellular Proteomics, 2016, 15, 1188-1203.	3.8	37
23	Defence Signalling Pathways Involved in Plant Resistance and Phosphite-Mediated Control of Phytophthora Cinnamomi. Plant Molecular Biology Reporter, 2014, 32, 342-356.	1.8	33
24	A quantitative PCR assay for accurate in planta quantification of the necrotrophic pathogen Phytophthora cinnamomi. European Journal of Plant Pathology, 2011, 131, 419-430.	1.7	25
25	<i>Medicago truncatula</i> as a model host for studying legume infecting <i><scp>R</scp>hizoctonia solani</i> and identification of a locus affecting resistance to root canker. Plant Pathology, 2013, 62, 908-921.	2.4	22
26	Interactions of Arabidopsis andM. truncatulawith the same pathogens differ in dependence on ethylene and ethylene response factors. Plant Signaling and Behavior, 2011, 6, 551-552.	2.4	17
27	Foliar resistance to Rhizoctonia solani in Arabidopsis is compromised by simultaneous loss of ethylene, jasmonate and PEN2 mediated defense pathways. Scientific Reports, 2021, 11, 2546.	3.3	9
28	Mass-spectrometry data for Rhizoctonia solani proteins produced during infection of wheat and vegetative growth. Data in Brief, 2016, 8, 267-271.	1.0	5
29	Transcriptome analysis reveals class IX ethylene response factors show specific up-regulation in resistant but not susceptible Medicago truncatula lines following infection with Rhizoctonia solani. European Journal of Plant Pathology, 2018, 152, 549-554.	1.7	5
30	Ethylene response factors and their role in plant defence.. CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, 0, , 1-12.	1.0	3
31	Belowground Defence Strategies Against Rhizoctonia. Signaling and Communication in Plants, 2016, , 99-117.	0.7	0