

Philip Carella

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

611
citations

759233

12
h-index

713466

21
g-index

32
all docs

32
docs citations

32
times ranked

852
citing authors

#	ARTICLE	IF	CITATIONS
1	Long distance movement of DIR1 and investigation of the role of DIR1-like during systemic acquired resistance in Arabidopsis. <i>Frontiers in Plant Science</i> , 2013, 4, 230.	3.6	108
2	Conserved Biochemical Defenses Underpin Host Responses to Oomycete Infection in an Early-Divergent Land Plant Lineage. <i>Current Biology</i> , 2019, 29, 2282-2294.e5.	3.9	77
3	Comparative Proteomics Analysis of Arabidopsis Phloem Exudates Collected During the Induction of Systemic Acquired Resistance. <i>Plant Physiology</i> , 2016, 171, pp.00269.2016.	4.8	64
4	<i>Phytophthora palmivora</i> establishes tissue-specific intracellular infection structures in the earliest divergent land plant lineage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E3846-E3855.	7.1	59
5	Vascular Sap Proteomics: Providing Insight into Long-Distance Signaling during Stress. <i>Frontiers in Plant Science</i> , 2016, 7, 651.	3.6	54
6	Some things get better with age: differences in salicylic acid accumulation and defense signaling in young and mature Arabidopsis. <i>Frontiers in Plant Science</i> , 2014, 5, 775.	3.6	46
7	Age-Related Resistance in <i>Arabidopsis thaliana</i> Involves the MADS-Domain Transcription Factor SHORT VEGETATIVE PHASE and Direct Action of Salicylic Acid on <i>Pseudomonas syringae</i> . <i>Molecular Plant-Microbe Interactions</i> , 2017, 30, 919-929.	2.6	32
8	Manipulation of Bryophyte Hosts by Pathogenic and Symbiotic Microbes. <i>Plant and Cell Physiology</i> , 2018, 59, 656-665.	3.1	29
9	Investigation of Intercellular Salicylic Acid Accumulation during Compatible and Incompatible Arabidopsis- <i>Pseudomonas syringae</i> Interactions Using a Fast Neutron-Generated Mutant Allele of EDS5 Identified by Genetic Mapping and Whole-Genome Sequencing. <i>PLoS ONE</i> , 2014, 9, e88608.	2.5	28
10	Sticking to it: phytopathogen effector molecules may converge on evolutionarily conserved host targets in green plants. <i>Current Opinion in Plant Biology</i> , 2018, 44, 175-180.	7.1	26
11	The floral transition is not the developmental switch that confers competence for the Arabidopsis age-related resistance response to <i>Pseudomonas syringae</i> pv. tomato. <i>Plant Molecular Biology</i> , 2013, 83, 235-246.	3.9	25
12	Orthology Analysis and In Vivo Complementation Studies to Elucidate the Role of DIR1 during Systemic Acquired Resistance in Arabidopsis thaliana and Cucumis sativus. <i>Frontiers in Plant Science</i> , 2016, 7, 566.	3.6	18
13	Exploring the role of DIR1, DIR1-like and other lipid transfer proteins during systemic immunity in Arabidopsis. <i>Physiological and Molecular Plant Pathology</i> , 2017, 97, 49-57.	2.5	11
14	Intercellular salicylic acid accumulation during compatible and incompatible <i>Arabidopsis</i> - <i>Pseudomonas syringae</i> interactions. <i>Plant Signaling and Behavior</i> , 2014, 9, e29362.	2.4	8
15	Xylem-Mobile Oxylipins Are Critical Regulators of Induced Systemic Resistance in Maize. <i>Plant Cell</i> , 2020, 32, 13-14.	6.6	8
16	Using DIR1 to investigate long-distance signal movement during Systemic Acquired Resistance. <i>Canadian Journal of Plant Pathology</i> , 2016, 38, 19-24.	1.4	6
17	Mind the gap: Signal movement through plasmodesmata is critical for the manifestation of SAR. <i>Plant Signaling and Behavior</i> , 2015, 10, e1075683.	2.4	3
18	Stop the FUSS: BPCs Restrict FUSCA3 Transcription to Promote Ovule and Seed Development. <i>Plant Cell</i> , 2020, 32, 1779-1780.	6.6	3

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19	Development of a <i>Pseudomonas syringae</i> – <i>Utrera salsugineum</i> pathosystem to investigate disease resistance in a stress tolerant extremophile model plant. <i>Plant Pathology</i> , 2015, 64, 297-306.	2.4	2
20	Resistance on Tap: PDR Transporters Direct Antimicrobial Metabolites Toward Invading Pathogens. <i>Plant Cell</i> , 2019, 31, 1943-1944.	6.6	1
21	Die Another Way: An EDS1-SAG101 Complex Mediates TNL Immunity in Solanaceous Plants. <i>Plant Cell</i> , 2019, 31, 2289-2290.	6.6	1
22	Good Fats, Bad Fats: Phosphoinositide Species Differentially Localize to Plant-Pathogen Interfaces and Influence Disease Progression. <i>Plant Cell</i> , 2020, 32, 1355-1356.	6.6	1
23	Some Things Never Change: Conserved MYC-Family bHLH Transcription Factors Mediate Dinor-OPDA Signaling in Liverworts. <i>Plant Cell</i> , 2019, 31, 2295-2296.	6.6	0
24	Moving on Up: An MCTP-SNARE Complex Mediates Long-Distance Florigen Transport. <i>Plant Cell</i> , 2019, 31, 2293-2294.	6.6	0
25	Moving on Up: An MCTP-SNARE Complex Mediates Long-distance Florigen Transport. <i>Plant Cell</i> , 2019, , tpc.00664.2019.	6.6	0
26	Mellowed Yellow: WHITE PETAL1 Regulates Carotenoid Accumulation in Medicago Petals. <i>Plant Cell</i> , 2019, 31, tpc.00728.2019.	6.6	0
27	ASTREL Projection: Comparative Phylogenomics Uncovers Novel Genes Coeliminated with the EDS1 Immune Pathway. <i>Plant Cell</i> , 2020, 32, 2067-2068.	6.6	0
28	All Together Now: Phylotranscriptomics Reveals Core Responses to Fungal Infection across the Pentapetalae. <i>Plant Cell</i> , 2020, 32, 1773-1774.	6.6	0
29	Close Encounters of the ARF Kind: Proximity-Based ARF1 GTPase Activity Regulates Vesicle Trafficking. <i>Plant Cell</i> , 2020, 32, 2453-2454.	6.6	0
30	Know Your Roots: A Transcriptomic Exploration of Key Life History Traits in the Model Lycophyte <i>Selaginella moellendorffii</i> . <i>Plant Cell</i> , 2020, 32, 783-784.	6.6	0