

CÃ©cile Segonzac

List of Publications by Year in descending order

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35
papers

4,007
citations

304743

22
h-index

345221

36
g-index

39
all docs

39
docs citations

39
times ranked

5179
citing authors

#	ARTICLE	IF	CITATIONS
1	Tackling multiple bacterial diseases of Solanaceae with a handful of immune receptors. Horticulture Environment and Biotechnology, 2022, 63, 149-160.	2.1	3
2	Identification of RipAZ1 as an avirulence determinant of <i>Ralstonia solanacearum</i> in <i>Solanum americanum</i> . Molecular Plant Pathology, 2021, 22, 317-333.	4.2	15
3	<i>Ralstonia solanacearum</i> Type III Effector RipJ Triggers Bacterial Wilt Resistance in <i>Solanum pimpinellifolium</i> . Molecular Plant-Microbe Interactions, 2021, 34, 962-972.	2.6	7
4	The Danger-Associated Peptide PEP1 Directs Cellular Reprogramming in the Arabidopsis Root Vascular System. Molecules and Cells, 2021, 44, 830-842.	2.6	6
5	An immune receptor complex evolved in soybean to perceive a polymorphic bacterial flagellin. Nature Communications, 2020, 11, 3763.	12.8	48
6	Perception of unrelated microbe-associated molecular patterns triggers conserved yet variable physiological and transcriptional changes in Brassica rapa ssp. pekinensis. Horticulture Research, 2020, 7, 186.	6.3	6
7	Host adaptation and microbial competition drive <i>Ralstonia solanacearum</i> phylotype I evolution in the Republic of Korea. Microbial Genomics, 2020, 6, .	2.0	14
8	Whole Genome Enabled Phylogenetic and Secretome Analyses of Two <i>Venturia nashicola</i> Isolates. Plant Pathology Journal, 2020, 36, 98-105.	1.7	5
9	<i>Ralstonia solanacearum</i> Type III Effectors with Predicted Nuclear Localization Signal Localize to Various Cell Compartments and Modulate Immune Responses in <i>Nicotiana</i> spp.. Plant Pathology Journal, 2020, 36, 43-53.	1.7	28
10	High Contiguity Whole Genome Sequence and Gene Annotation Resource for Two <i>Venturia nashicola</i> Isolates. Molecular Plant-Microbe Interactions, 2019, 32, 1091-1094.	2.6	10
11	Modulation of plant innate immune signaling by small peptides. Current Opinion in Plant Biology, 2019, 51, 22-28.	7.1	48
12	Autoimmunity and effector recognition in <i>Arabidopsis thaliana</i> can be uncoupled by mutations in the RRS1-ER immune receptor. New Phytologist, 2019, 222, 954-965.	7.3	10
13	Differential Suppression of <i>Nicotiana benthamiana</i> Innate Immune Responses by Transiently Expressed <i>Pseudomonas syringae</i> Type III Effectors. Frontiers in Plant Science, 2018, 9, 688.	3.6	21
14	A bacterial acetyltransferase triggers immunity in <i>Arabidopsis thaliana</i> independent of hypersensitive response. Scientific Reports, 2017, 7, 3557.	3.3	69
15	A Conserved EAR Motif Is Required for Avirulence and Stability of the <i>Ralstonia solanacearum</i> Effector PopP2 In Planta. Frontiers in Plant Science, 2017, 8, 1330.	3.6	17
16	<i>Pseudomonas syringae</i> pv. actinidiae Type III Effectors Localized at Multiple Cellular Compartments Activate or Suppress Innate Immune Responses in <i>Nicotiana benthamiana</i> . Frontiers in Plant Science, 2017, 8, 2157.	3.6	42
17	The <i>Arabidopsis</i> leucine-rich repeat receptor kinase MIK2/LRR-KISS connects cell wall integrity sensing, root growth and response to abiotic and biotic stresses. PLoS Genetics, 2017, 13, e1006832.	3.5	187
18	Plant immune and growth receptors share common signalling components but localise to distinct plasma membrane nanodomains. ELife, 2017, 6, .	6.0	206

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19	Effector-assisted breeding for bacterial wilt resistance in horticultural crops. <i>Horticulture Environment and Biotechnology</i> , 2016, 57, 415-423.	2.1	11
20	A Plant Immune Receptor Detects Pathogen Effectors that Target WRKY Transcription Factors. <i>Cell</i> , 2015, 161, 1089-1100.	28.9	454
21	The Nuclear Immune Receptor RPS4 Is Required for RRS1SLH1-Dependent Constitutive Defense Activation in <i>Arabidopsis thaliana</i> . <i>PLoS Genetics</i> , 2014, 10, e1004655.	3.5	121
22	A Bacterial Tyrosine Phosphatase Inhibits Plant Pattern Recognition Receptor Activation. <i>Science</i> , 2014, 343, 1509-1512.	12.6	152
23	Structural Basis for Assembly and Function of a Heterodimeric Plant Immune Receptor. <i>Science</i> , 2014, 344, 299-303.	12.6	300
24	The Calcium-Dependent Protein Kinase CPK28 Buffers Plant Immunity and Regulates BIK1 Turnover. <i>Cell Host and Microbe</i> , 2014, 16, 605-615.	11.0	208
25	Negative control of BAK1 by protein phosphatase 2A during plant innate immunity. <i>EMBO Journal</i> , 2014, 33, 2069-2079.	7.8	138
26	EXPRSS: an Illumina based high-throughput expression-profiling method to reveal transcriptional dynamics. <i>BMC Genomics</i> , 2014, 15, 341.	2.8	36
27	The transcriptional regulator BZR1 mediates trade-off between plant innate immunity and growth. <i>ELife</i> , 2013, 2, e00983.	6.0	208
28	The Shoot Apical Meristem Regulatory Peptide CLV3 Does Not Activate Innate Immunity. <i>Plant Cell</i> , 2012, 24, 3186-3192.	6.6	35
29	Brassinosteroids inhibit pathogen-associated molecular pattern-triggered immune signaling independent of the receptor kinase BAK1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 303-308.	7.1	303
30	Activation of plant pattern-recognition receptors by bacteria. <i>Current Opinion in Microbiology</i> , 2011, 14, 54-61.	5.1	264
31	Cell Wall Damage-Induced Lignin Biosynthesis Is Regulated by a Reactive Oxygen Species- and Jasmonic Acid-Dependent Process in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2011, 156, 1364-1374.	4.8	382
32	Cautionary Notes on the Use of C-Terminal BAK1 Fusion Proteins for Functional Studies. <i>Plant Cell</i> , 2011, 23, 3871-3878.	6.6	60
33	Hierarchy and Roles of Pathogen-Associated Molecular Pattern-Induced Responses in <i>Nicotiana benthamiana</i> . <i>Plant Physiology</i> , 2011, 156, 687-699.	4.8	185
34	Direct transcriptional control of the <i>Arabidopsis</i> immune receptor FLS2 by the ethylene-dependent transcription factors EIN3 and EIL1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 14502-14507.	7.1	218
35	Nitrate Efflux at the Root Plasma Membrane: Identification of an <i>Arabidopsis</i> Excretion Transporter. <i>Plant Cell</i> , 2007, 19, 3760-3777.	6.6	188