

# Saskia C M Van Wees

## List of Publications by Year in descending order

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Version: 2024-02-01

69  
papers

17,187  
citations

53751

45  
h-index

95218

68  
g-index

78  
all docs

78  
docs citations

78  
times ranked

13293  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptional regulation of plant innate immunity. <i>Essays in Biochemistry</i> , 2022, 66, 607-620.	2.1	9
2	<i>Pseudomonas simiae</i> WCS417: star track of a model beneficial rhizobacterium. <i>Plant and Soil</i> , 2021, 461, 245-263.	1.8	53
3	Multiple levels of crosstalk in hormone networks regulating plant defense. <i>Plant Journal</i> , 2021, 105, 489-504.	2.8	175
4	Plant hormone functions and interactions in biological systems. <i>Plant Journal</i> , 2021, 105, 287-289.	2.8	14
5	A family of pathogen-induced cysteine-rich transmembrane proteins is involved in plant disease resistance. <i>Planta</i> , 2021, 253, 102.	1.6	8
6	Mechanisms of far-red light-mediated dampening of defense against <i>Botrytis cinerea</i> in tomato leaves. <i>Plant Physiology</i> , 2021, 187, 1250-1266.	2.3	14
7	Far-red light promotes <i>Botrytis cinerea</i> disease development in tomato leaves via jasmonate-dependent modulation of soluble sugars. <i>Plant, Cell and Environment</i> , 2020, 43, 2769-2781.	2.8	43
8	Carbonic anhydrases CA1 and CA4 function in atmospheric CO <sub>2</sub> -modulated disease resistance. <i>Planta</i> , 2020, 251, 75.	1.6	18
9	Editorial: Cross-Frontier Communication: Phytohormone Functions at the Plant-Microbe Interface and Beyond. <i>Frontiers in Plant Science</i> , 2020, 11, 386.	1.7	5
10	Bioassays to Evaluate the Resistance of Whole Plants to the Herbivorous Insect Thrips. <i>Methods in Molecular Biology</i> , 2020, 2085, 93-108.	0.4	1
11	Molecular dialogue between arbuscular mycorrhizal fungi and the nonhost plant <i>Arabidopsis thaliana</i> switches from initial detection to antagonism. <i>New Phytologist</i> , 2019, 223, 867-881.	3.5	49
12	Effect of atmospheric CO <sub>2</sub> on plant defense against leaf and root pathogens of <i>Arabidopsis</i> . <i>European Journal of Plant Pathology</i> , 2019, 154, 31-42.	0.8	31
13	Mining the natural genetic variation in <i>Arabidopsis thaliana</i> for adaptation to sequential abiotic and biotic stresses. <i>Planta</i> , 2019, 249, 1087-1105.	1.6	26
14	Thrips advisor: exploiting thrips-induced defences to combat pests on crops. <i>Journal of Experimental Botany</i> , 2018, 69, 1837-1848.	2.4	66
15	Combining QTL mapping with transcriptome and metabolome profiling reveals a possible role for ABA signaling in resistance against the cabbage whitefly in cabbage. <i>PLoS ONE</i> , 2018, 13, e0206103.	1.1	13
16	Receptors and Signaling Pathways for Recognition of Bacteria in Livestock and Crops: Prospects for Beneficial Microbes in Healthy Growth Strategies. <i>Frontiers in Immunology</i> , 2018, 9, 2223.	2.2	31
17	Genome-wide association study reveals novel players in defense hormone crosstalk in <i>Arabidopsis</i> . <i>Plant, Cell and Environment</i> , 2018, 41, 2342-2356.	2.8	67
18	<i>Arabidopsis</i> JASMONATE-INDUCED OXYGENASES down-regulate plant immunity by hydroxylation and inactivation of the hormone jasmonic acid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6388-6393.	3.3	165

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19	Architecture and Dynamics of the Jasmonic Acid Gene Regulatory Network. <i>Plant Cell</i> , 2017, 29, 2086-2105.	3.1	220
20	Airborne signals from <i>Trichoderma</i> fungi stimulate iron uptake responses in roots resulting in priming of jasmonic acid-dependent defences in shoots of <i>Arabidopsis thaliana</i> and <i>Solanum lycopersicum</i> . <i>Plant, Cell and Environment</i> , 2017, 40, 2691-2705.	2.8	153
21	Impact of salicylic acid- and jasmonic acid-regulated defences on root colonization by <i>Trichoderma harzianum</i> T-78. <i>Plant Signaling and Behavior</i> , 2017, 12, e1345404.	1.2	47
22	Shifting from priming of salicylic acid- to jasmonic acid-regulated defences by <i>Trichoderma</i> protects tomato against the root knot nematode <i>Meloidogyne incognita</i> . <i>New Phytologist</i> , 2017, 213, 1363-1377.	3.5	275
23	Genetic architecture of plant stress resistance: multi-trait genome-wide association mapping. <i>New Phytologist</i> , 2017, 213, 1346-1362.	3.5	144
24	Atmospheric CO <sub>2</sub> Alters Resistance of <i>Arabidopsis</i> to <i>Pseudomonas syringae</i> by Affecting Abscisic Acid Accumulation and Stomatal Responsiveness to Coronatine. <i>Frontiers in Plant Science</i> , 2017, 8, 700.	1.7	26
25	Transcriptome dynamics of <i>Arabidopsis</i> during sequential biotic and abiotic stresses. <i>Plant Journal</i> , 2016, 86, 249-267.	2.8	200
26	Effect of prior drought and pathogen stress on <i>Arabidopsis</i> transcriptome changes to caterpillar herbivory. <i>New Phytologist</i> , 2016, 210, 1344-1356.	3.5	53
27	Assessing the Role of ETHYLENE RESPONSE FACTOR Transcriptional Repressors in Salicylic Acid-Mediated Suppression of Jasmonic Acid-Responsive Genes. <i>Plant and Cell Physiology</i> , 2016, 58, pcw187.	1.5	66
28	Impact of hormonal crosstalk on plant resistance and fitness under multi-attacker conditions. <i>Frontiers in Plant Science</i> , 2015, 6, 639.	1.7	165
29	VIH2 Regulates the Synthesis of Inositol Pyrophosphate InsP <sub>8</sub> and Jasmonate-Dependent Defenses in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2015, 27, 1082-1097.	3.1	153
30	Induced Disease Resistance. , 2015, , 123-133.		10
31	How salicylic acid takes transcriptional control over jasmonic acid signaling. <i>Frontiers in Plant Science</i> , 2015, 6, 170.	1.7	400
32	Ethylene: traffic controller on hormonal crossroads to defense. <i>Plant Physiology</i> , 2015, 169, pp.01020.2015.	2.3	149
33	The Non-JAZ TIFY Protein TIFY8 from <i>Arabidopsis thaliana</i> Is a Transcriptional Repressor. <i>PLoS ONE</i> , 2014, 9, e84891.	1.1	55
34	Different shades of JAZ during plant growth and defense. <i>New Phytologist</i> , 2014, 204, 261-264.	3.5	53
35	Phytohormone Profiles Induced by <i>Trichoderma</i> Isolates Correspond with Their Biocontrol and Plant Growth-Promoting Activity on Melon Plants. <i>Journal of Chemical Ecology</i> , 2014, 40, 804-815.	0.9	171
36	Induced Systemic Resistance by Beneficial Microbes. <i>Annual Review of Phytopathology</i> , 2014, 52, 347-375.	3.5	2,193

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37	Mycorrhiza-induced resistance: more than the sum of its parts?. Trends in Plant Science, 2013, 18, 539-545.	4.3	396
38	Costs and benefits of hormone-regulated plant defences. Plant Pathology, 2013, 62, 43-55.	1.2	171
39	RNA-Seq: revelation of the messengers. Trends in Plant Science, 2013, 18, 175-179.	4.3	155
40	Bioassays for Assessing Jasmonate-Dependent Defenses Triggered by Pathogens, Herbivorous Insects, or Beneficial Rhizobacteria. Methods in Molecular Biology, 2013, 1011, 35-49.	0.4	53
41	Induced plant responses to microbes and insects. Frontiers in Plant Science, 2013, 4, 475.	1.7	42
42	Onset of herbivore-induced resistance in systemic tissue primed for jasmonate-dependent defenses is activated by abscisic acid. Frontiers in Plant Science, 2013, 4, 539.	1.7	144
43	Salicylic Acid Suppresses Jasmonic Acid Signaling Downstream of SCFCO11-JAZ by Targeting GCC Promoter Motifs via Transcription Factor ORA59. Plant Cell, 2013, 25, 744-761.	3.1	381
44	Wide Screening of Phage-Displayed Libraries Identifies Immune Targets in Planta. PLoS ONE, 2013, 8, e54654.	1.1	11
45	Hormonal Modulation of Plant Immunity. Annual Review of Cell and Developmental Biology, 2012, 28, 489-521.	4.0	2,396
46	Unravelling intimacies between plants and their enemies. Plant Biology, 2012, 14, iii-iv.	1.8	1
47	Rewiring of the jasmonate signaling pathway in Arabidopsis during insect herbivory. Frontiers in Plant Science, 2011, 2, 47.	1.7	155
48	Genetic dissection of basal defence responsiveness in accessions of <i>Arabidopsis thaliana</i> . Plant, Cell and Environment, 2011, 34, 1191-1206.	2.8	46
49	<i>Arabidopsis thaliana cdd1</i> mutant uncouples the constitutive activation of salicylic acid signalling from growth defects. Molecular Plant Pathology, 2011, 12, 855-865.	2.0	30
50	Salicylate-mediated suppression of jasmonate-responsive gene expression in Arabidopsis is targeted downstream of the jasmonate biosynthesis pathway. Planta, 2010, 232, 1423-1432.	1.6	249
51	Plant Immunity: It's the Hormones Talking, But What Do They Say?. Plant Physiology, 2010, 154, 536-540.	2.3	280
52	Plant Defense Signaling from the Underground Primes Aboveground Defenses to Confer Enhanced Resistance in a Cost-Efficient Manner. Signaling and Communication in Plants, 2010, , 43-60.	0.5	9
53	Jasmonate signaling in plant interactions with resistance-inducing beneficial microbes. Phytochemistry, 2009, 70, 1581-1588.	1.4	369
54	Networking by small-molecule hormones in plant immunity. Nature Chemical Biology, 2009, 5, 308-316.	3.9	1,987

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55	Phenotypic Analysis of <i>Arabidopsis</i> Mutants: Trypan Blue Stain for Fungi, Oomycetes, and Dead Plant Cells. <i>Cold Spring Harbor Protocols</i> , 2008, 2008, pdb.prot4982.	0.2	52
56	Plant immune responses triggered by beneficial microbes. <i>Current Opinion in Plant Biology</i> , 2008, 11, 443-448.	3.5	755
57	Heat shock protein 90 and its co-chaperone protein phosphatase 5 interact with distinct regions of the tomato I-2 disease resistance protein. <i>Plant Journal</i> , 2005, 43, 284-298.	2.8	130
58	Loss of non-host resistance of <i>Arabidopsis</i> NahG to <i>Pseudomonas syringae</i> pv. phaseolicola is due to degradation products of salicylic acid. <i>Plant Journal</i> , 2003, 33, 733-742.	2.8	215
59	Characterization of the Early Response of <i>Arabidopsis</i> to <i>Alternaria brassicicola</i> Infection Using Expression Profiling. <i>Plant Physiology</i> , 2003, 132, 606-617.	2.3	215
60	Signalling in Rhizobacteria-Induced Systemic Resistance in <i>Arabidopsis thaliana</i> . <i>Plant Biology</i> , 2002, 4, 535-544.	1.8	189
61	Rhizobacteria-mediated Induced Systemic Resistance: Triggering, Signalling and Expression. <i>European Journal of Plant Pathology</i> , 2001, 107, 51-61.	0.8	181
62	The <i>Arabidopsis</i> ISR1 Locus Controlling Rhizobacteria-Mediated Induced Systemic Resistance Is Involved in Ethylene Signaling. <i>Plant Physiology</i> , 2001, 125, 652-661.	2.3	98
63	Enhancement of induced disease resistance by simultaneous activation of salicylate- and jasmonate-dependent defense pathways in <i>Arabidopsis thaliana</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 8711-8716.	3.3	569
64	Rhizobacteria-mediated induced systemic resistance (ISR) in <i>Arabidopsis</i> is not associated with a direct effect on expression of known defense-related genes but stimulates the expression of the jasmonate-inducible gene <i>Atvsp</i> upon challenge. <i>Plant Molecular Biology</i> , 1999, 41, 537-549.	2.0	283
65	A Novel Signaling Pathway Controlling Induced Systemic Resistance in <i>Arabidopsis</i> . <i>Plant Cell</i> , 1998, 10, 1571-1580.	3.1	1,029
66	A Novel Signaling Pathway Controlling Induced Systemic Resistance in <i>Arabidopsis</i> . <i>Plant Cell</i> , 1998, 10, 1571.	3.1	91
67	Differential Induction of Systemic Resistance in <i>Arabidopsis</i> by Biocontrol Bacteria. <i>Molecular Plant-Microbe Interactions</i> , 1997, 10, 716-724.	1.4	365
68	Systemic resistance in <i>Arabidopsis</i> induced by biocontrol bacteria is independent of salicylic acid accumulation and pathogenesis-related gene expression.. <i>Plant Cell</i> , 1996, 8, 1225-1237.	3.1	647
69	Systemic Resistance in <i>Arabidopsis</i> Induced by Biocontrol Bacteria Is Independent of Salicylic Acid Accumulation and Pathogenesis-Related Gene Expression. <i>Plant Cell</i> , 1996, 8, 1225.	3.1	123