Corn u00e9 Pieterse

List of Publications by Citations

189 papers	35,110 citations	87 h-index	187 g-index
202 ext. papers	42,423 ext. citations	6.7 avg, IF	7.58 L-index

#	Paper	IF	Citations
189	The rhizosphere microbiome and plant health. *Trends in Plant Science*, **2012**, 17, 478-86	13.1	2400
188	Significance of inducible defense-related proteins in infected plants. *Annual Review of Phytopathology*, **2006**, 44, 135-62	10.8	2174
187	Systemic resistance induced by rhizosphere bacteria. *Annual Review of Phytopathology*, **1998**, 36, 453-83	10.8	1667
186	Hormonal modulation of plant immunity. *Annual Review of Cell and Developmental Biology*, **2012**, 28, 489-521	12.6	1644
185	Networking by small-molecule hormones in plant immunity. *Nature Chemical Biology*, **2009**, 5, 308-16	11.7	1573
184	Induced systemic resistance by beneficial microbes. *Annual Review of Phytopathology*, **2014**, 52, 347-75	10.8	1380
183	Priming: getting ready for battle. *Molecular Plant-Microbe Interactions*, **2006**, 19, 1062-71	3.6	1029
182	A novel signaling pathway controlling induced systemic resistance in Arabidopsis. *Plant Cell*, **1998**, 10, 1571-80	11.6	897
181	NPR1 modulates cross-talk between salicylate- and jasmonate-dependent defense pathways through a novel function in the cytosol. *Plant Cell*, **2003**, 15, 760-70	11.6	871
180	Signal signature and transcriptome changes of Arabidopsis during pathogen and insect attack. *Molecular Plant-Microbe Interactions*, **2005**, 18, 923-37	3.6	751
179	Priming in plant-pathogen interactions. *Trends in Plant Science*, **2002**, 7, 210-6	13.1	732
178	Cross talk in defense signaling. *Plant Physiology*, **2008**, 146, 839-44	6.6	727
177	Plant immune responses triggered by beneficial microbes. *Current Opinion in Plant Biology*, **2008**, 11, 443-8	9.9	614
176	Costs and benefits of priming for defense in Arabidopsis. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 5602-7	11.5	609
175	Modulation of host immunity by beneficial microbes. *Molecular Plant-Microbe Interactions*, **2012**, 25, 139-50	3.6	575
174	Systemic resistance in Arabidopsis induced by biocontrol bacteria is independent of salicylic acid accumulation and pathogenesis-related gene expression. *Plant Cell*, **1996**, 8, 1225-37	11.6	574
173	Salicylic acid-independent plant defence pathways. *Trends in Plant Science*, **1999**, 4, 52-58	13.1	499

172	The AP2/ERF domain transcription factor ORA59 integrates jasmonic acid and ethylene signals in plant defense. *Plant Physiology*, **2008**, 147, 1347-57	6.6	465
171	Enhancement of induced disease resistance by simultaneous activation of salicylate- and jasmonate-dependent defense pathways in Arabidopsis thaliana. *Proceedings of the National Academy of Sciences of the United States of America*, **2000**, 97, 8711-6	11.5	461
170	The transcriptome of rhizobacteria-induced systemic resistance in arabidopsis. *Molecular Plant-Microbe Interactions*, **2004**, 17, 895-908	3.6	424
169	Helping plants to deal with insects: the role of beneficial soil-borne microbes. *Trends in Plant Science*, **2010**, 15, 507-14	13.1	411
168	Induced Systemic Resistance by Fluorescent Pseudomonas spp. *Phytopathology*, **2007**, 97, 239-43	3.8	408
167	NPR1: the spider in the web of induced resistance signaling pathways. *Current Opinion in Plant Biology*, **2004**, 7, 456-64	9.9	371
166	Recognizing Plant Defense Priming. *Trends in Plant Science*, **2016**, 21, 818-822	13.1	352
165	Plant interactions with microbes and insects: from molecular mechanisms to ecology. *Trends in Plant Science*, **2007**, 12, 564-9	13.1	345
164	Disease-induced assemblage of a plant-beneficial bacterial consortium. *ISME Journal*, **2018**, 12, 1496-1507	11.9	321
163	Differential induction of systemic resistance in Arabidopsis by biocontrol bacteria. *Molecular Plant-Microbe Interactions*, **1997**, 10, 716-24	3.6	318
162	MYB72-dependent coumarin exudation shapes root microbiome assembly to promote plant health. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E5213-E5222	11.5	304
161	Jasmonate signaling in plant interactions with resistance-inducing beneficial microbes. *Phytochemistry*, **2009**, 70, 1581-8	4	303
160	Differential effectiveness of salicylate-dependent and jasmonate/ethylene-dependent induced resistance in Arabidopsis. *Molecular Plant-Microbe Interactions*, **2002**, 15, 27-34	3.6	302
159	Inner Plant Values: Diversity, Colonization and Benefits from Endophytic Bacteria. *Frontiers in Microbiology*, **2017**, 8, 2552	5.7	283
158	Salicylic acid suppresses jasmonic acid signaling downstream of SCFCOI1-JAZ by targeting GCC promoter motifs via transcription factor ORA59. *Plant Cell*, **2013**, 25, 744-61	11.6	280
157	How salicylic acid takes transcriptional control over jasmonic acid signaling. *Frontiers in Plant Science*, **2015**, 6, 170	6.2	272
156	Kinetics of salicylate-mediated suppression of jasmonate signaling reveal a role for redox modulation. *Plant Physiology*, **2008**, 147, 1358-68	6.6	268
155	Emerging microbial biocontrol strategies for plant pathogens. *Plant Science*, **2018**, 267, 102-111	5.3	258

154	Rhizobacteria-mediated induced systemic resistance (ISR) in Arabidopsis is not associated with a direct effect on expression of known defense-related genes but stimulates the expression of the jasmonate-inducible gene Atvsp upon challenge. *Plant Molecular Biology*, **1999**, 41, 537-49	4.6	248
153	The rhizosphere revisited: root microbiomics. *Frontiers in Plant Science*, **2013**, 4, 165	6.2	240
152	Ethylene modulates the role of NONEXPRESSOR OF PATHOGENESIS-RELATED GENES1 in cross talk between salicylate and jasmonate signaling. *Plant Physiology*, **2009**, 149, 1797-809	6.6	228
151	Plant immunity: itR the hormones talking, but what do they say?. *Plant Physiology*, **2010**, 154, 536-40	6.6	226
150	MYB72 is required in early signaling steps of rhizobacteria-induced systemic resistance in Arabidopsis. *Plant Physiology*, **2008**, 146, 1293-304	6.6	206
149	Transcription factor MYC2 is involved in priming for enhanced defense during rhizobacteria-induced systemic resistance in Arabidopsis thaliana. *New Phytologist*, **2008**, 180, 511-523	9.8	203
148	MYB72, a node of convergence in induced systemic resistance triggered by a fungal and a bacterial beneficial microbe. *Plant Biology*, **2009**, 11, 90-6	3.7	201
147	Unraveling root developmental programs initiated by beneficial Pseudomonas spp. bacteria. *Plant Physiology*, **2013**, 162, 304-18	6.6	198
146	Silencing of the mitogen-activated protein kinase MPK6 compromises disease resistance in Arabidopsis. *Plant Cell*, **2004**, 16, 897-907	11.6	198
145	Rhizobacteria-mediated induced systemic resistance (ISR) in Arabidopsis requires sensitivity to jasmonate and ethylene but is not accompanied by an increase in their production. *Physiological and Molecular Plant Pathology*, **2000**, 57, 123-134	2.6	190
144	Salicylate-mediated suppression of jasmonate-responsive gene expression in Arabidopsis is targeted downstream of the jasmonate biosynthesis pathway. *Planta*, **2010**, 232, 1423-32	4.7	181
143	Herbivore-induced resistance against microbial pathogens in Arabidopsis. *Plant Physiology*, **2006**, 142, 352-63	6.6	171
142	The Soil-Borne Legacy. *Cell*, **2018**, 172, 1178-1180	56.2	170
141	Differential effectiveness of microbially induced resistance against herbivorous insects in Arabidopsis. *Molecular Plant-Microbe Interactions*, **2008**, 21, 919-30	3.6	166
140	Signalling in Rhizobacteria-Induced Systemic Resistance in Arabidopsis thaliana. *Plant Biology*, **2002**, 4, 535-544	3.7	165
139	Priming of plant innate immunity by rhizobacteria and beta-aminobutyric acid: differences and similarities in regulation. *New Phytologist*, **2009**, 183, 419-431	9.8	164
138	Shifting from priming of salicylic acid- to jasmonic acid-regulated defences by Trichoderma protects tomato against the root knot nematode Meloidogyne incognita. *New Phytologist*, **2017**, 213, 1363-1377	9.8	163
137	Systemic resistance in Arabidopsis induced by rhizobacteria requires ethylene-dependent signaling at the site of application. *Molecular Plant-Microbe Interactions*, **1999**, 12, 720-7	3.6	160

136	Rhizobacteria-mediated Induced Systemic Resistance: Triggering, Signalling and Expression. *European Journal of Plant Pathology*, **2001**, 107, 51-61	2.1	159
135	Jasmonates - Signals in Plant-Microbe Interactions. *Journal of Plant Growth Regulation*, **2004**, 23, 211-222	4.7	154
134	Induced systemic resistance in Arabidopsis thaliana against Pseudomonas syringae pv. tomato by 2,4-diacetylphloroglucinol-producing Pseudomonas fluorescens. *Phytopathology*, **2012**, 102, 403-12	3.8	149
133	Low red/far-red ratios reduce Arabidopsis resistance to Botrytis cinerea and jasmonate responses via a COI1-JAZ10-dependent, salicylic acid-independent mechanism. *Plant Physiology*, **2012**, 158, 2042-52	6.6	140
132	Beneficial microbes in a changing environment: are they always helping plants to deal with insects?. *Functional Ecology*, **2013**, 27, 574-586	5.6	137
131	Perception of low red:far-red ratio compromises both salicylic acid- and jasmonic acid-dependent pathogen defences in Arabidopsis. *Plant Journal*, **2013**, 75, 90-103	6.9	137
130	Cytokinins as key regulators in plant□microbe□insect interactions: connecting plant growth and defence. *Functional Ecology*, **2013**, 27, 599-609	5.6	135
129	Ethylene signaling renders the jasmonate response of Arabidopsis insensitive to future suppression by salicylic Acid. *Molecular Plant-Microbe Interactions*, **2010**, 23, 187-97	3.6	135
128	Understanding the involvement of rhizobacteria-mediated induction of systemic resistance in biocontrol of plant diseases. *Canadian Journal of Plant Pathology*, **2003**, 25, 5-9	1.6	129
127	The Age of Coumarins in Plant-Microbe Interactions. *Plant and Cell Physiology*, **2019**, 60, 1405-1419	4.9	126
126	Architecture and Dynamics of the Jasmonic Acid Gene Regulatory Network. *Plant Cell*, **2017**, 29, 2086-2105	10.6	125
125	□Glucosidase BGLU42 is a MYB72-dependent key regulator of rhizobacteria-induced systemic resistance and modulates iron deficiency responses in Arabidopsis roots. *New Phytologist*, **2014**, 204, 368-79	9.8	122
124	Costs and benefits of hormone-regulated plant defences. *Plant Pathology*, **2013**, 62, 43-55	2.8	120
123	Induced systemic resistance in radish is not associated with accumulation of pathogenesis-related proteins. *Physiological and Molecular Plant Pathology*, **1995**, 46, 309-320	2.6	120
122	Rewiring of the Jasmonate Signaling Pathway in Arabidopsis during Insect Herbivory. *Frontiers in Plant Science*, **2011**, 2, 47	6.2	117
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120	The Soil-Borne Supremacy. *Trends in Plant Science*, **2016**, 21, 171-173	13.1	112
119	Transcriptome dynamics of Arabidopsis during sequential biotic and abiotic stresses. *Plant Journal*, **2016**, 86, 249-67	6.9	112

118	Impact of hormonal crosstalk on plant resistance and fitness under multi-attacker conditions. *Frontiers in Plant Science*, **2015**, 6, 639	6.2	111
117	Rhizobacterial volatiles and photosynthesis-related signals coordinate MYB72 expression in Arabidopsis roots during onset of induced systemic resistance and iron-deficiency responses. *Plant Journal*, **2015**, 84, 309-22	6.9	110
116	Iron and Immunity. *Annual Review of Phytopathology*, **2017**, 55, 355-375	10.8	108
115	RNA-Seq: revelation of the messengers. *Trends in Plant Science*, **2013**, 18, 175-9	13.1	108
114	Unearthing the genomes of plant-beneficial Pseudomonas model strains WCS358, WCS374 and WCS417. *BMC Genomics*, **2015**, 16, 539	4.5	107
113	Induced systemic resistance in cucumber and Arabidopsis thaliana by the combination of Trichoderma harzianum Tr6 and Pseudomonas sp. Ps14. *Biological Control*, **2013**, 65, 14-23	3.8	105
112	Root transcriptional dynamics induced by beneficial rhizobacteria and microbial immune elicitors reveal signatures of adaptation to mutualists. *Plant Journal*, **2018**, 93, 166-180	6.9	102
111	Microbial recognition and evasion of host immunity. *Journal of Experimental Botany*, **2013**, 64, 1237-48	7	102
110	Genetic architecture of plant stress resistance: multi-trait genome-wide association mapping. *New Phytologist*, **2017**, 213, 1346-1362	9.8	99
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108	Plant perception of □aminobutyric acid is mediated by an aspartyl-tRNA synthetase. *Nature Chemical Biology*, **2014**, 10, 450-6	11.7	96
107	Ethylene: Traffic Controller on Hormonal Crossroads to Defense. *Plant Physiology*, **2015**, 169, 2371-9	6.6	93
106	Natural genetic variation in Arabidopsis for responsiveness to plant growth-promoting rhizobacteria. *Plant Molecular Biology*, **2016**, 90, 623-34	4.6	93
105	Characterization of Arabidopsis enhanced disease susceptibility mutants that are affected in systemically induced resistance. *Plant Journal*, **2002**, 29, 11-21	6.9	91
104	Structure and genomic organization of the ipiB and ipiO gene clusters of Phytophthora infestans. *Gene*, **1994**, 138, 67-77	3.8	88
103	Two-way plant mediated interactions between root-associated microbes and insects: from ecology to mechanisms. *Frontiers in Plant Science*, **2013**, 4, 414	6.2	87
102	Airborne signals from Trichoderma fungi stimulate iron uptake responses in roots resulting in priming of jasmonic acid-dependent defences in shoots of Arabidopsis thaliana and Solanum lycopersicum. *Plant, Cell and Environment*, **2017**, 40, 2691-2705	8.4	86
101	Ecological and phytohormonal aspects of plant volatile emission in response to single and dual infestations with herbivores and phytopathogens. *Functional Ecology*, **2013**, 27, 587-598	5.6	86

100	The arabidopsis ISR1 locus controlling rhizobacteria-mediated induced systemic resistance is involved in ethylene signaling. *Plant Physiology*, **2001**, 125, 652-61	6.6	86
99	Non-Mycorrhizal Plants: The Exceptions that Prove the Rule. *Trends in Plant Science*, **2018**, 23, 577-587	13.1	81
98	Induced systemic resistance and the rhizosphere microbiome. *Plant Pathology Journal*, **2013**, 29, 136-43	2.5	77
97	Identification of a locus in arabidopsis controlling both the expression of rhizobacteria-mediated induced systemic resistance (ISR) and basal resistance against Pseudomonas syringae pv. tomato. *Molecular Plant-Microbe Interactions*, **1999**, 12, 911-8	3.6	73
96	Microbial small molecules - weapons of plant subversion. *Natural Product Reports*, **2018**, 35, 410-433	15.1	71
95	Beneficial microbes going underground of root immunity. *Plant, Cell and Environment*, **2019**, 42, 2860-2870	8.4	69
94	Arbuscular mycorrhizal fungi reduce growth and infect roots of the non-host plant Arabidopsis thaliana. *Plant, Cell and Environment*, **2013**, 36, 1926-37	8.4	69
93	Members of the aquaporin family in the developing pea seed coat include representatives of the PIP, TIP, and NIP subfamilies. *Plant Molecular Biology*, **2003**, 53, 633-45	4.6	69
92	Reassessing the role of phospholipase D in the Arabidopsis wounding response. *Plant, Cell and Environment*, **2009**, 32, 837-50	8.4	64
91	Expression of the Phytophthora infestans ipiB and ipiO genes in planta and in vitro. *Molecular Genetics and Genomics*, **1994**, 244, 269-77		63
90	Abundantly Present miRNAs in Milk-Derived Extracellular Vesicles Are Conserved Between Mammals. *Frontiers in Nutrition*, **2018**, 5, 81	6.2	63
89	Colonization of Arabidopsis roots by Pseudomonas fluorescens primes the plant to produce higher levels of ethylene upon pathogen infection. *Physiological and Molecular Plant Pathology*, **2003**, 62, 219-226	2.6	62
88	Rhizosphere-Associated Pseudomonas Suppress Local Root Immune Responses by Gluconic Acid-Mediated Lowering of Environmental pH. *Current Biology*, **2019**, 29, 3913-3920.e4	6.3	58
87	Systemic Resistance in Arabidopsis Induced by Biocontrol Bacteria Is Independent of Salicylic Acid Accumulation and Pathogenesis-Related Gene Expression. *Plant Cell*, **1996**, 8, 1225	11.6	58
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85	The Arabidopsis thaliana Transcription Factor AtMYB102 Functions in Defense Against the Insect Herbivore Pieris rapae. *Plant Signaling and Behavior*, **2006**, 1, 305-11	2.5	57
84	Pseudomonas syringae evades host immunity by degrading flagellin monomers with alkaline protease AprA. *Molecular Plant-Microbe Interactions*, **2014**, 27, 603-10	3.6	52
83	A Comparative Review on Microbiota Manipulation: Lessons From Fish, Plants, Livestock, and Human Research. *Frontiers in Nutrition*, **2018**, 5, 80	6.2	51

82	Expression and antisense inhibition of transgenes in Phytophthora infestans is modulated by choice of promoter and position effects. *Gene*, **1993**, 133, 63-9	3.8	48
81	Colonization of the Arabidopsis rhizosphere by fluorescent Pseudomonas spp. activates a root-specific, ethylene-responsive PR-5 gene in the vascular bundle. *Plant Molecular Biology*, **2005**, 57, 731-48	4.6	46
80	Assessing the Role of ETHYLENE RESPONSE FACTOR Transcriptional Repressors in Salicylic Acid-Mediated Suppression of Jasmonic Acid-Responsive Genes. *Plant and Cell Physiology*, **2017**, 58, 266-278	4.9	41
79	OCP3 is an important modulator of NPR1-mediated jasmonic acid-dependent induced defenses in Arabidopsis. *BMC Plant Biology*, **2010**, 10, 199	5.3	39
78	Attenuation of pattern recognition receptor signaling is mediated by a MAP kinase kinase kinase. *EMBO Reports*, **2016**, 17, 441-54	6.5	39
77	The non-JAZ TIFY protein TIFY8 from Arabidopsis thaliana is a transcriptional repressor. *PLoS ONE*, **2014**, 9, e84891	3.7	38
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74	Effect of prior drought and pathogen stress on Arabidopsis transcriptome changes to caterpillar herbivory. *New Phytologist*, **2016**, 210, 1344-56	9.8	38
73	Genome-wide association study reveals novel players in defense hormone crosstalk in Arabidopsis. *Plant, Cell and Environment*, **2018**, 41, 2342-2356	8.4	38
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66	Coumarin Communication Along the Microbiome-Root-Shoot Axis. *Trends in Plant Science*, **2021**, 26, 169-183	13.1	32
65	Different shades of JAZ during plant growth and defense. *New Phytologist*, **2014**, 204, 261-4	9.8	31

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63	The Induced Resistance Lexicon: Do✂ and Don✂s. *Trends in Plant Science*, **2021**, 26, 685-691	13.1	29
62	Arabidopsis thaliana cdd1 mutant uncouples the constitutive activation of salicylic acid signalling from growth defects. *Molecular Plant Pathology*, **2011**, 12, 855-65	5.7	28
61	Isolation of putative pathogenicity genes of the potato late blight fungus Phytophthora infestans by differential hybridization of a genomic library. *Physiological and Molecular Plant Pathology*, **1993**, 43, 69-79	2.6	28
60	How Can We Define "Optimal Microbiota?": A Comparative Review of Structure and Functions of Microbiota of Animals, Fish, and Plants in Agriculture. *Frontiers in Nutrition*, **2018**, 5, 90	6.2	27
59	Long-term induction of defense gene expression in potato by pseudomonas sp. LBUM223 and streptomyces scabies. *Phytopathology*, **2014**, 104, 926-32	3.8	26
58	Kinome profiling of Arabidopsis using arrays of kinase consensus substrates. *Plant Methods*, **2007**, 3, 3	5.8	24
57	Molecular dialogue between arbuscular mycorrhizal fungi and the nonhost plant Arabidopsis thaliana switches from initial detection to antagonism. *New Phytologist*, **2019**, 223, 867-881	9.8	23
56	The Soil-Borne Identity and Microbiome-Assisted Agriculture: Looking Back to the Future. *Molecular Plant*, **2020**, 13, 1394-1401	14.4	21
55	Type III Secretion System of Beneficial Rhizobacteria WCS417 and WCS374. *Frontiers in Microbiology* , **2019**, 10, 1631	5.7	20
54	Histone modifications do not play a major role in salicylate-mediated suppression of jasmonate-induced PDF1.2 gene expression. *Communicative and Integrative Biology*, **2008**, 1, 143-5	1.7	20
53	Receptors and Signaling Pathways for Recognition of Bacteria in Livestock and Crops: Prospects for Beneficial Microbes in Healthy Growth Strategies. *Frontiers in Immunology*, **2018**, 9, 2223	8.4	19
52	Signaling in Plant Resistance Responses: Divergence and Cross-Talk of Defense Pathways **2006**, 166-196		18
51	Kinome profiling reveals an interaction between jasmonate, salicylate and light control of hyponastic petiole growth in Arabidopsis thaliana. *PLoS ONE*, **2010**, 5, e14255	3.7	18
50	Pseudomonas simiae WCS417: star track of a model beneficial rhizobacterium. *Plant and Soil*, **2021**, 461, 245-263	4.2	18
49	Signalling Cascades Involved in Induced Resistance65-88		16
48	Molecular aspects of the potato □Phytophthora infestans interaction. *European Journal of Plant Pathology*, **1992**, 98, 85-92		16
47	Plants under attack: multiple interactions with insects and microbes. *Plant Signaling and Behavior*, **2007**, 2, 527-9	2.5	15

46	The Arabidopsis ISR1 Locus is Required for Rhizobacteria-Mediated Induced Systemic Resistance Against Different Pathogens. *Plant Biology*, **2002**, 4, 224-227	3.7	15
45	A Novel Signaling Pathway Controlling Induced Systemic Resistance in Arabidopsis. *Plant Cell*, **1998**, 10, 1571	11.6	15
44	Mining the natural genetic variation in Arabidopsis thaliana for adaptation to sequential abiotic and biotic stresses. *Planta*, **2019**, 249, 1087-1105	4.7	15
43	Effect of atmospheric CO2 on plant defense against leaf and root pathogens of Arabidopsis. *European Journal of Plant Pathology*, **2019**, 154, 31-42	2.1	14
42	Tracking plant preference for higher-quality mycorrhizal symbionts under varying CO conditions over multiple generations. *Ecology and Evolution*, **2018**, 8, 78-87	2.8	14
41	Modulation of ethylene- and heat-controlled hyponastic leaf movement in Arabidopsis thaliana by the plant defence hormones jasmonate and salicylate. *Planta*, **2012**, 235, 677-85	4.7	14
40	Rhizobacteria-Mediated Activation of the Fe Deficiency Response in Arabidopsis Roots: Impact on Fe Status and Signaling. *Frontiers in Plant Science*, **2019**, 10, 909	6.2	13
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38	The Relationship Between Basal and Induced Resistance in Arabidopsis **2006**, 197-224		13
37	Functional analysis of Hyaloperonospora arabidopsidis RXLR effectors. *PLoS ONE*, **2014**, 9, e110624	3.7	12
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35	Ethylene: Multi-Tasker in Plant Attacker Interactions **2012**, 343-377		11
34	Wide screening of phage-displayed libraries identifies immune targets in planta. *PLoS ONE*, **2013**, 8, e54654	3.7	10
33	Carbonic anhydrases CA1 and CA4 function in atmospheric CO-modulated disease resistance. *Planta*, **2020**, 251, 75	4.7	9
32	Jasmonates Signals in plant-microbe interactions. *Journal of Plant Growth Regulation*, **2004**, 23, 211-222	4.7	9
31	Heritability Of Rhizobacteria-mediated Induced Systemic Resistance And Basal Resistance In Arabidopsis. *European Journal of Plant Pathology*, **2001**, 107, 63-68	2.1	9
30	The role of ethylene in rhizobacteria-induced systemic resistance (ISR) **2007**, 325-331		8
29	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	1	7

28	Abscisic acid is essential for rewiring of jasmonic acid-dependent defenses during herbivory		7
27	Combining QTL mapping with transcriptome and metabolome profiling reveals a possible role for ABA signaling in resistance against the cabbage whitefly in cabbage. *PLoS ONE*, **2018**, 13, e0206103	3.7	7
26	Signalling Networks Involved in Induced Resistance **2014**, 58-80		6
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24	Aphid feeding induces the relaxation of epigenetic control and the associated regulation of the defense response in Arabidopsis. *New Phytologist*, **2021**, 230, 1185-1200	9.8	6
23	Induced Resistance Orchestrating Defence Mechanisms through Crosstalk and Priming **2018**, 334-370		4
22	Induced Disease Resistance **2015**, 123-133		4
21	Plant-Beneficial Pseudomonas Spp. Suppress Local Root Immune Responses by Gluconic Acid-Mediated Lowering of Environmental pH. *SSRN Electronic Journal*,	1	4
20	FUNCTION AND REGULATION OF THE EARLY NODULIN GENE ENOD2 **1990**, 259-269		4
19	Rapid evolution of bacterial mutualism in the plant rhizosphere		4
18	Transcriptional Dynamics of the Salicylic Acid Response and its Interplay with the Jasmonic Acid Pathway		4
17	A coumarin exudation pathway mitigates arbuscular mycorrhizal incompatibility in Arabidopsis thaliana. *Plant Molecular Biology*, **2021**, 106, 319-334	4.6	4
16	Nitric oxide signalling in the root is required for MYB72-dependent systemic resistance induced by Trichoderma volatiles in Arabidopsis. *Journal of Experimental Botany*, **2021**,	7	4
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13	Evolutionary "hide and seek" between bacterial flagellin and the plant immune system. *Cell Host and Microbe*, **2021**, 29, 548-550	23.4	3
12	Transcriptome Signatures in WCS417 Shed Light on Role of Root-Secreted Coumarins in -Mutualist Communication. *Microorganisms*, **2021**, 9,	4.9	3
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8	Ethylene: Multi-Tasker in Plant-Attacker Interactions **2018**, 343-377		2
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