Ralph Huckelhoven

List of Publications by Year
in descending order

129	10,339	48	97
papers	citations	h-index	g-index

43973 35952

151	151	151	10903
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Wholeâ€genome sequencing elucidates the speciesâ€wide diversity and evolution of fungicide resistance in the early blight pathogen <i>Alternaria solani</i>. Evolutionary Applications, 2022, 15, 1605-1620.	1.5	6
2	Host Genotype and Weather Effects on Fusarium Head Blight Severity and Mycotoxin Load in Spring Barley. Toxins, 2022, 14, 125.	1.5	5
3	Posttranslational modification of the RHO of plants protein RACB by phosphorylation and cross-kingdom conserved ubiquitination. PLoS ONE, 2022, 17, e0258924.	1.1	4
4	RGIâ€GOLVEN signaling promotes cell surface immune receptor abundance to regulate plant immunity. EMBO Reports, 2022, 23, e53281.	2.0	20
5	Steroidal Saponinsâ”€New Sources to Develop Potato (<i>Solanum tuberosum</i> L.) Genotypes Resistant against Certain <i>Phytophthora infestans</i> Strains. Journal of Agricultural and Food Chemistry, 2022, 70, 7447-7459.	2.4	11
6	The Arabidopsis leucineâ€rich repeat receptorâ€like kinase MIK2 is a crucial component of early immune responses to a fungalâ€derived elicitor. New Phytologist, 2021, 229, 3453-3466.	3.5	38
7	Recognition and defence of plant-infecting fungal pathogens. Journal of Plant Physiology, 2021, 256, 153324.	1.6	23
8	Ramularia leaf spot disease of barley is highly host genotype-dependent and suppressed by continuous drought stress in the field. Journal of Plant Diseases and Protection, 2021, 128, 749-767.	1.6	19
9	Quantitative resistance differences between and within natural populations of <i>Solanum chilense</i> against the oomycete pathogen <i>Phytophthora infestans</i>. Ecology and Evolution, 2021, 11, 7768-7778.	0.8	5
10	Biosynthesis of Î±-solanine and Î±-chaconine in potato leaves (Solanum tuberosum L.) â€“ A 13CO2 study. Food Chemistry, 2021, 365, 130461.	4.2	9
11	ROP INTERACTIVE PARTNER b Interacts with RACB and Supports Fungal Penetration into Barley Epidermal Cells. Plant Physiology, 2020, 184, 823-836.	2.3	11
12	Regulation and Functions of ROP GTPases in Plantâ€“Microbe Interactions. Cells, 2020, 9, 2016.	1.8	13
13	Barley ROP-Interactive Partner-a organizes into RAC1- and MICROTUBULE-ASSOCIATED ROP-GTPASE ACTIVATING PROTEIN 1-dependent membrane domains. BMC Plant Biology, 2020, 20, 94.	1.6	15
14	Population studies of the wild tomato species Solanum chilense reveal geographically structured major gene-mediated pathogen resistance. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20202723.	1.2	13
15	Oomycete small RNAs bind to the plant RNA-induced silencing complex for virulence. ELife, 2020, 9, .	2.8	89
16	A set of Arabidopsis genes involved in the accommodation of the downy mildew pathogen Hyaloperonospora arabidopsidis. PLoS Pathogens, 2019, 15, e1007747.	2.1	37
17	The Current Epidemic of the Barley Pathogen <i>Ramularia collo-cygni</i> Derives from a Population Expansion and Shows Global Admixture. Phytopathology, 2019, 109, 2161-2168.	1.1	17
18	Occurrence of <i>sdh</i> Mutations in German <i>Alternaria solani</i> Isolates and Potential Impact on Boscalid Sensitivity In Vitro, in the Greenhouse, and in the Field. Plant Disease, 2019, 103, 3065-3071.	0.7	12

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19	The formation of a camalexin-biosynthetic metabolon. Plant Cell, 2019, 31, tpc.00403.2019.	3.1	38
20	Analysis of archive samples of spring and winter barley support an increase in individual Fusarium species in Bavarian barley grain over the last decades. Journal of Plant Diseases and Protection, 2019, 126, 247-254.	1.6	9
21	Bacterial medium-chain 3-hydroxy fatty acid metabolites trigger immunity in <i>Arabidopsis</i> plants. Science, 2019, 364, 178-181.	6.0	145
22	Barley ADH-1 modulates susceptibility to Bgh and is involved in chitin-induced systemic resistance. Plant Physiology and Biochemistry, 2018, 123, 281-287.	2.8	14
23	Barley susceptibility factor RACB modulates transcript levels of signalling protein genes in compatible interaction with <i>Blumeria graminis</i> f.sp. <i>hordei</i>. Molecular Plant Pathology, 2018, 19, 393-404.	2.0	11
24	Fusarium infection of malting barley has to be managed over the entire value chain. Journal of Plant Diseases and Protection, 2018, 125, 1-4.	1.6	10
25	Special issue â€œDeepen knowledge in plant pathology for innovative agroecologyâ€• European Journal of Plant Pathology, 2018, 152, 853-854.	0.8	0
26	Biotic and Abiotic Stress Responses in Crop Plants. Agronomy, 2018, 8, 267.	1.3	117
27	Good Riddance? Breaking Disease Susceptibility in the Era of New Breeding Technologies. Agronomy, 2018, 8, 114.	1.3	39
28	A New Reference Genome Shows the One-Speed Genome Structure of the Barley Pathogen<i>Ramularia collo-cygni</i>. Genome Biology and Evolution, 2018, 10, 3243-3249.	1.1	30
29	Evolutionarily conserved partial gene duplication in the Triticeae tribe of grasses confers pathogen resistance. Genome Biology, 2018, 19, 116.	3.8	9
30	A barley powdery mildew fungus non-autonomous retrotransposon encodes a peptide that supports penetration success on barley. Journal of Experimental Botany, 2018, 69, 3745-3758.	2.4	35
31	<i>Fusarium</i> Species on Barley Malt: Is Visual Assessment an Appropriate Tool for Detection?. Cereal Chemistry, 2017, 94, 659-669.	1.1	8
32	Silencing of <i>RBOHF2</i> Causes Leaf Ageâ€"Dependent Accelerated Senescence, Salicylic Acid Accumulation, and Powdery Mildew Resistance in Barley. Molecular Plant-Microbe Interactions, 2017, 30, 906-918.	1.4	24
33	Involvement of Arabidopsis thaliana endoplasmic reticulum KDEL-tailed cysteine endopeptidase 1 (AtCEP1) in powdery mildew-induced and AtCPR5-controlled cell death. PLoS ONE, 2017, 12, e0183870.	1.1	19
34	Barley disease susceptibility factor RACB acts in epidermal cell polarity and positioning of the nucleus. Journal of Experimental Botany, 2016, 67, 3263-3275.	2.4	47
35	A barley <scp>SKP1</scp>â€like protein controls abundance of the susceptibility factor <scp>RACB</scp> and influences the interaction of barley with the barley powdery mildew fungus. Molecular Plant Pathology, 2016, 17, 184-195.	2.0	20
36	Effect of nitrogen fertilization on Fusarium head blight in spring barley. Crop Protection, 2016, 88, 18-27.	1.0	22

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37	PAMP-triggered immune responses in barley and susceptibility to powdery mildew. Plant Signaling and Behavior, 2016, 11, e1197465.	1.2	16
38	The Arabidopsis microtubule-associated protein MAP65-3 supports infection by filamentous biotrophic pathogens by down-regulating salicylic acid-dependent defenses. Journal of Experimental Botany, 2016, 67, 1731-1743.	2.4	35
39	Fate of <i>Fusarium</i> Toxins during the Malting Process. Journal of Agricultural and Food Chemistry, 2016, 64, 1377-1384.	2.4	41
40	Influence of Fusarium isolates on the expression of barley genes related to plant defense and malting quality. Journal of Cereal Science, 2016, 69, 17-24.	1.8	13
41	Influence of inoculum and climatic factors on the severity of<i>Fusarium</i>head blight in German spring and winter barley. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2016, 33, 489-499.	1.1	15
42	Polarized Defense Against Fungal Pathogens Is Mediated by the Jacalin-Related Lectin Domain of Modular Poaceae -Specific Proteins. Molecular Plant, 2016, 9, 514-527.	3.9	67
43	MILDEW LOCUS O Mutation Does Not Affect Resistance to Grain Infections with Fusarium spp. and Ramularia collo-cygni. Phytopathology, 2015, 105, 1214-1219.	1.1	12
44	The fungal core effector <scp>P</scp>ep1 is conserved across smuts of dicots and monocots. New Phytologist, 2015, 206, 1116-1126.	3.5	100
45	A lectin S-domain receptor kinase mediates lipopolysaccharide sensing in Arabidopsis thaliana. Nature Immunology, 2015, 16, 426-433.	7.0	286
46	The Arabidopsis ROP-activated receptor-like cytoplasmic kinase RLCK VI_A3 is involved in control of basal resistance to powdery mildew and trichome branching. Plant Cell Reports, 2015, 34, 457-468.	2.8	23
47	Endoplasmic reticulum KDEL-tailed cysteine endopeptidase 1 of Arabidopsis (AtCEP1) is involved in pathogen defense. Frontiers in Plant Science, 2014, 5, 58.	1.7	51
48	The effective papilla hypothesis. New Phytologist, 2014, 204, 438-440.	3.5	22
49	Cellâ€wall invertases, key enzymes in the modulation of plant metabolism during defence responses. Molecular Plant Pathology, 2014, 15, 858-864.	2.0	110
50	The Receptor Kinase IMPAIRED OOMYCETE SUSCEPTIBILITY1 Attenuates Abscisic Acid Responses in Arabidopsis Â Â. Plant Physiology, 2014, 166, 1506-1518.	2.3	32
51	Cellâ€autonomous defense, reâ€organization and trafficking of membranes in plantâ€“microbe interactions. New Phytologist, 2014, 204, 815-822.	3.5	47
52	CYP83A1 is required for metabolic compatibility of Arabidopsis with the adapted powdery mildew fungus Erysiphe cruciferarum. New Phytologist, 2014, 202, 1310-1319.	3.5	35
53	Bacteria-Triggered Systemic Immunity in Barley Is Associated with WRKY and ETHYLENE RESPONSIVE FACTORs But Not with Salicylic Acid. Plant Physiology, 2014, 166, 2133-2151.	2.3	76
54	A barley Engulfment and Motility domain containing protein modulates Rho GTPase activating protein HvMAGAP1 function in the barley powdery mildew interaction. Plant Molecular Biology, 2014, 84, 469-478.	2.0	9

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55	Alternative Cell Death Mechanisms Determine Epidermal Resistance in Incompatible Barley-<i>Ustilago</i> Interactions. Molecular Plant-Microbe Interactions, 2014, 27, 403-414.	1.4	26
56	Cyanobacterial Phytochrome2 Regulates the Heterotrophic Metabolism and Has a Function in the Heat and High-Light Stress Response Â Â. Plant Physiology, 2014, 164, 2157-2166.	2.3	24
57	Genetic loss of susceptibility: a costly route to disease resistance?. Plant Pathology, 2013, 62, 56-62.	1.2	38
58	Coâ€•immunoprecipitationâ€•based identification of putative <scp>BAX INHIBITOR</scp>â€•1â€•interacting proteins involved in cell death regulation and plantâ€"powdery mildew interactions. Molecular Plant Pathology, 2013, 14, 791-802.	2.0	42
59	Assessment and Introduction of Quantitative Resistance to Fusarium Head Blight in Elite Spring Barley. Phytopathology, 2013, 103, 1252-1259.	1.1	24
60	Reduced Carbohydrate Availability Enhances the Susceptibility of Arabidopsis toward <i>Colletotrichum higginsianum</i> Â Â Â. Plant Physiology, 2013, 162, 225-238.	2.3	51
61	The Deubiquitinating Enzyme AMSH1 and the ESCRT-III Subunit VPS2.1 Are Required for Autophagic Degradation in<i>Arabidopsis</i>Â Â Â. Plant Cell, 2013, 25, 2236-2252.	3.1	107
62	LIFEGUARD proteins support plant colonization by biotrophic powdery mildew fungi. Journal of Experimental Botany, 2013, 64, 3855-3867.	2.4	29
63	The conserved oligomeric <scp>G</scp>olgi complex is involved in penetration resistance of barley to the barley powdery mildew fungus. Molecular Plant Pathology, 2013, 14, 230-240.	2.0	54
64	TECHNIQUE TO ASSESS GENE FUNCTION IN HOP (HUMULUS LUPULUS L.) - POWDERY MILDEW INTERACTIONS. Acta Horticulturae, 2013, , 59-66.	0.1	1
65	Barley ROP Binding Kinase1 Is Involved in Microtubule Organization and in Basal Penetration Resistance to the Barley Powdery Mildew Fungus Â. Plant Physiology, 2012, 159, 311-320.	2.3	56
66	The Subcellular Localization of Tubby-Like Proteins and Participation in Stress Signaling and Root Colonization by the Mutualist <i>Piriformospora indica</i> Â Â. Plant Physiology, 2012, 160, 349-364.	2.3	34
67	Pathogenesis-associated transcriptional patterns in Triticeae. Journal of Plant Physiology, 2011, 168, 9-19.	1.6	22
68	Quantitative disease resistance and fungal pathogenicity in Triticeae. Journal of Plant Physiology, 2011, 168, 1-2.	1.6	3
69	Cell biology of the plantâ€"powdery mildew interaction. Current Opinion in Plant Biology, 2011, 14, 738-746.	3.5	148
70	ROPGAPs of Arabidopsis limit susceptibility to powdery mildew. Plant Signaling and Behavior, 2011, 6, 1691-1694.	1.2	13
71	Alcohol dehydrogenase 1 of barley modulates susceptibility to the parasitic fungus Blumeria graminis f.sp. hordei. Journal of Experimental Botany, 2011, 62, 3449-3457.	2.4	45
72	A Barley ROP GTPase ACTIVATING PROTEIN Associates with Microtubules and Regulates Entry of the Barley Powdery Mildew Fungus into Leaf Epidermal Cells Â. Plant Cell, 2011, 23, 2422-2439.	3.1	127

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73	Infection of barley with the parasitic fungus<i>Blumeria graminis</i>f.sp.<i>hordei</i>results in the induction of<i>HvADH1</i>and<i>HvADH2</i>. Plant Signaling and Behavior, 2011, 6, 1584-1587.	1.2	11
74	RBOHF2 of Barley Is Required for Normal Development of Penetration Resistance to the Parasitic Fungus <i>Blumeria graminis</i> f. sp. <i>hordei</i>. Molecular Plant-Microbe Interactions, 2010, 23, 1143-1150.	1.4	60
75	RIP3 and AtKinesin-13A â€“ A novel interaction linking Rho proteins of plants to microtubules. European Journal of Cell Biology, 2010, 89, 906-916.	1.6	43
76	Re-evaluation of superoxide scavenging capacity of xanthohumol. Free Radical Research, 2010, 44, 1435-1444.	1.5	7
77	BAX INHIBITOR-1 Is Required for Full Susceptibility of Barley to Powdery Mildew. Molecular Plant-Microbe Interactions, 2010, 23, 1217-1227.	1.4	84
78	The Role of Seven-Transmembrane Domain MLO Proteins, Heterotrimeric G-Proteins, and Monomeric RAC/ROPs in Plant Defense. Signaling and Communication in Plants, 2010, , 197-220.	0.5	6
79	Plant small monomeric G-proteins (RAC/ROPs) of barley are common elements of susceptibility to fungal leaf pathogens, cell expansion and stomata development. Plant Signaling and Behavior, 2009, 4, 109-110.	1.2	4
80	Ectopic expression of barley constitutively activated ROPs supports susceptibility to powdery mildew and bacterial wildfire in tobacco. European Journal of Plant Pathology, 2009, 125, 317-327.	0.8	5
81	Over-expression of the cell death regulator BAX inhibitor-1 in barley confers reduced or enhanced susceptibility to distinct fungal pathogens. Theoretical and Applied Genetics, 2009, 118, 455-463.	1.8	83
82	Transgenic Suppression of Cell Death Limits Penetration Success of the Soybean Rust Fungus Phakopsora pachyrhizi into Epidermal Cells of Barley. Phytopathology, 2009, 99, 220-226.	1.1	27
83	Constitutively activated barley ROPs modulate epidermal cell size, defense reactions and interactions with fungal leaf pathogens. Plant Cell Reports, 2008, 27, 1877-1887.	2.8	65
84	Barley RIC171 interacts with RACB<i>in planta</i>and supports entry of the powdery mildew fungus. Cellular Microbiology, 2008, 10, 1815-1826.	1.1	49
85	Enemy at the gates: traffic at the plant cell pathogen interface. Cellular Microbiology, 2008, 10, 2400-2407.	1.1	28
86	Accommodation of powdery mildew fungi in intact plant cells. Journal of Plant Physiology, 2008, 165, 5-18.	1.6	65
87	Interactive signal transfer between host and pathogen during successful infection of barley leaves by Blumeria graminis and Bipolaris sorokiniana. Journal of Plant Physiology, 2008, 165, 52-59.	1.6	18
88	Do Plant Cells Secrete Exosomes Derived from Multivesicular Bodies?. Plant Signaling and Behavior, 2007, 2, 4-7.	1.2	152
89	Cell Wallâ€“Associated Mechanisms of Disease Resistance and Susceptibility. Annual Review of Phytopathology, 2007, 45, 101-127.	3.5	475
90	Transport and secretion in plantâ€“microbe interactions. Current Opinion in Plant Biology, 2007, 10, 573-579.	3.5	49

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91	The root endophytic fungus Piriformospora indica requires host cell death for proliferation during mutualistic symbiosis with barley. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 18450-18457.	3.3	372
92	Macroarray expression analysis of barley susceptibility and nonhost resistance to Blumeria graminis. Journal of Plant Physiology, 2006, 163, 657-670.	1.6	24
93	Metrafenone: studies on the mode of action of a novel cereal powdery mildew fungicide. Pest Management Science, 2006, 62, 393-401.	1.7	40
94	Multivesicular bodies participate in a cell wall-associated defence response in barley leaves attacked by the pathogenic powdery mildew fungus. Cellular Microbiology, 2006, 8, 1009-1019.	1.1	274
95	Multivesicular compartments proliferate in susceptible and resistant MLA12 â€barley leaves in response to infection by the biotrophic powdery mildew fungus. New Phytologist, 2006, 172, 563-576.	3.5	172
96	Expression of barley BAX Inhibitor-1 in carrots confers resistance toBotrytis cinerea. Molecular Plant Pathology, 2006, 7, 279-284.	2.0	39
97	Transient over-expression of barley BAX Inhibitor-1 weakens oxidative defence and MLA12-mediated resistance to Blumeria graminis f.sp. hordei. Molecular Plant Pathology, 2006, 7, 543-552.	2.0	36
98	Endophyte or parasite â€" what decides?. Current Opinion in Plant Biology, 2006, 9, 358-363.	3.5	317
99	Respiratory Burst Oxidase Homologue A of barley contributes to penetration by the powdery mildew fungus Blumeria graminis f. sp. hordei. Journal of Experimental Botany, 2006, 57, 3781-3791.	2.4	65
100	Model Wheat Genotypes as Tools to Uncover Effective Defense Mechanisms Against the Hemibiotrophic Fungus Bipolaris sorokiniana. Phytopathology, 2005, 95, 528-532.	1.1	17
101	Powdery mildew susceptibility and biotrophic infection strategies. FEMS Microbiology Letters, 2005, 245, 9-17.	0.7	95
102	Root-to-shoot signalling: apoplastic alkalinization, a general stress response and defence factor in barley (Hordeum vulgare). Protoplasma, 2005, 227, 17-24.	1.0	68
103	Ectopic Expression of Constitutively Activated RACB in Barley Enhances Susceptibility to Powdery Mildew and Abiotic Stress. Plant Physiology, 2005, 139, 353-362.	2.3	80
104	The endophytic fungus Piriformospora indica reprograms barley to salt-stress tolerance, disease resistance, and higher yield. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13386-13391.	3.3	1,153
105	The White Barley Mutant Albostrians Shows a Supersusceptible but Symptomless Interaction Phenotype with the Hemibiotrophic Fungus Bipolaris sorokiniana. Molecular Plant-Microbe Interactions, 2004, 17, 366-373.	1.4	66
106	The receptor-like MLO protein and the RAC/ROP family G-protein RACB modulate actin reorganization in barley attacked by the biotrophic powdery mildew fungus Blumeria graminis f.sp. hordei. Plant Journal, 2004, 41, 291-303.	2.8	172
107	Mechanistic and genetic overlap of barley host and non-host resistance to Blumeria graminis. Molecular Plant Pathology, 2004, 5, 389-396.	2.0	52
108	BAX Inhibitor-1, an ancient cell death suppressor in animals and plants with prokaryotic relatives. Apoptosis: an International Journal on Programmed Cell Death, 2004, 9, 299-307.	2.2	169

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109	Superoxide and Hydrogen Peroxide Play Different Roles in the Nonhost Interaction of Barley and Wheat with Inappropriate formae speciales of Blumeria graminis. Molecular Plant-Microbe Interactions, 2004, 17, 304-312.	1.4	45
110	Apoplastic pH Signaling in Barley Leaves Attacked by the Powdery Mildew Fungus Blumeria graminis f. sp. hordei. Molecular Plant-Microbe Interactions, 2004, 17, 118-123.	1.4	83
111	The Barley Apoptosis Suppressor Homologue Bax Inhibitor-1 Compromises Nonhost Penetration Resistance of Barley to the Inappropriate Pathogen Blumeria graminis f. sp. tritici. Molecular Plant-Microbe Interactions, 2004, 17, 484-490.	1.4	90
112	The White Barley Mutant Albostrians Shows Enhanced Resistance to the Biotroph Blumeria graminis f. sp. hordei. Molecular Plant-Microbe Interactions, 2004, 17, 374-382.	1.4	17
113	Reactive oxygen intermediates in plant-microbe interactions: Who is who in powdery mildew resistance?. Planta, 2003, 216, 891-902.	1.6	213
114	Functional analysis of barley RAC/ROP G-protein family members in susceptibility to the powdery mildew fungus. Plant Journal, 2003, 36, 589-601.	2.8	123
115	SNARE-protein-mediated disease resistance at the plant cell wall. Nature, 2003, 425, 973-977.	13.7	904
116	Functional assessment of the pathogenesis-related protein PR-1b in barley. Plant Science, 2003, 165, 1275-1280.	1.7	29
117	Overexpression of barley BAX inhibitor 1 induces breakdown of mlo-mediated penetration resistance to Blumeria graminis. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 5555-5560.	3.3	171
118	A Small GTP-Binding Host Protein Is Required for Entry of Powdery Mildew Fungus into Epidermal Cells of Barley. Plant Physiology, 2002, 128, 1447-1454.	2.3	147
119	Bipolaris sorokiniana , a cereal pathogen of global concern: cytological and molecular approaches towards better controlâ€¡. Molecular Plant Pathology, 2002, 3, 185-195.	2.0	310
120	Non-host resistance of barley is associated with a hydrogen peroxide burst at sites of attempted penetration by wheat powdery mildew fungus. Molecular Plant Pathology, 2001, 2, 199-205.	2.0	63
121	Differential expression of putative cell death regulator genes in near-isogenic, resistant and susceptible barley lines during interaction with the powdery mildew fungus. Plant Molecular Biology, 2001, 47, 739-748.	2.0	78
122	A Compromised Mlo Pathway Affects the Response of Barley to the Necrotrophic Fungus Bipolaris sorokiniana (Teleomorph: Cochliobolus sativus) and Its Toxins. Phytopathology, 2001, 91, 127-133.	1.1	184
123	Mutations inRor1andRor2genes cause modification of hydrogen peroxide accumulation inmlo-barley under attack from the powdery mildew fungus. Molecular Plant Pathology, 2000, 1, 287-292.	2.0	36
124	Barley Mla and Rar mutants compromised in the hypersensitive cell death response against Blumeria graminis f.sp. hordei are modified in their ability to accumulate reactive oxygen intermediates at sites of fungal invasion. Planta, 2000, 212, 16-24.	1.6	68
125	Superoxide Generation in Chemically Activated Resistance of Barley in Response to Inoculation with the Powdery Mildew Fungus. Journal of Phytopathology, 1999, 147, 1-4.	0.5	11
126	Hypersensitive Cell Death and Papilla Formation in Barley Attacked by the Powdery Mildew Fungus Are Associated with Hydrogen Peroxide but Not with Salicylic Acid Accumulation1. Plant Physiology, 1999, 119, 1251-1260.	2.3	353

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127	Superoxide Generation in Chemically Activated Resistance of Barley in Response to Inoculation with the Powdery Mildew Fungus. Superoxid Bildung wÃhrend Chemisch Aktivierter Resistenz in Gerste als Reaktion auf Inokulation mit Echtem Gerstenmehltau. Journal of Phytopathology, 1999, 147, 1-4.	0.5	10
128	Tissue-Specific Superoxide Generation at Interaction Sites in Resistant and Susceptible Near-Isogenic Barley Lines Attacked by the Powdery Mildew Fungus (Erysiphe graminis f. sp. hordei). Molecular Plant-Microbe Interactions, 1998, 11, 292-300.	1.4	123
129	Biotransformation of Pyrene by Cell Cultures of Soybean (Glycine maxL.), Wheat (Triticum aestivumL.), Jimsonweed (Datura stramoniumL.), and Purple Foxglove (Digitalis purpureaL.). Journal of Agricultural and Food Chemistry, 1997, 45, 263-269.	2.4	26