

Yuan-Chao Wang

List of Publications by Year in descending order

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240
papers

10,563
citations

38720

50
h-index

46771

89
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all docs

248
docs citations

248
times ranked

7923
citing authors

#	ARTICLE	IF	CITATIONS
1	Signatures of Adaptation to Obligate Biotrophy in the <i>Hyaloperonospora arabidopsidis</i> Genome. <i>Science</i> , 2010, 330, 1549-1551.	6.0	492
2	Transcriptional Programming and Functional Interactions within the <i>Phytophthora sojae</i> RXLR Effector Repertoire. <i>Plant Cell</i> , 2011, 23, 2064-2086.	3.1	455
3	A <i>Phytophthora sojae</i> Glycoside Hydrolase 12 Protein Is a Major Virulence Factor during Soybean Infection and Is Recognized as a PAMP. <i>Plant Cell</i> , 2015, 27, 2057-2072.	3.1	335
4	Conserved C-Terminal Motifs Required for Avirulence and Suppression of Cell Death by <i>Phytophthora sojae</i> effector Avr1b. <i>Plant Cell</i> , 2008, 20, 1118-1133.	3.1	323
5	The bZIP Transcription Factor MoAP1 Mediates the Oxidative Stress Response and Is Critical for Pathogenicity of the Rice Blast Fungus <i>Magnaporthe oryzae</i> . <i>PLoS Pathogens</i> , 2011, 7, e1001302.	2.1	266
6	In situ, high-resolution imaging of labile phosphorus in sediments of a large eutrophic lake. <i>Water Research</i> , 2015, 74, 100-109.	5.3	246
7	Oomycete pathogens encode RNA silencing suppressors. <i>Nature Genetics</i> , 2013, 45, 330-333.	9.4	238
8	A paralogous decoy protects <i>Phytophthora sojae</i> apoplastic effector PsXEG1 from a host inhibitor. <i>Science</i> , 2017, 355, 710-714.	6.0	236
9	Phytomelatonin: a universal abiotic stress regulator. <i>Journal of Experimental Botany</i> , 2018, 69, 963-974.	2.4	211
10	Effects of <i>Lactobacillus plantarum</i> MA2 isolated from Tibet kefir on lipid metabolism and intestinal microflora of rats fed on high-cholesterol diet. <i>Applied Microbiology and Biotechnology</i> , 2009, 84, 341-347.	1.7	171
11	<i>Phytophthora sojae</i> Avirulence Effector Avr3b is a Secreted NADH and ADP-ribose Pyrophosphorylase that Modulates Plant Immunity. <i>PLoS Pathogens</i> , 2011, 7, e1002353.	2.1	169
12	The Basic Leucine Zipper Transcription Factor Moatf1 Mediates Oxidative Stress Responses and Is Necessary for Full Virulence of the Rice Blast Fungus <i>Magnaporthe oryzae</i> . <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 1053-1068.	1.4	156
13	Copy Number Variation and Transcriptional Polymorphisms of <i>Phytophthora sojae</i> RXLR Effector Genes Avr1a and Avr3a. <i>PLoS ONE</i> , 2009, 4, e5066.	1.1	151
14	The RxLR effector Avh241 from <i>Phytophthora sojae</i> requires plasma membrane localization to induce plant cell death. <i>New Phytologist</i> , 2012, 196, 247-260.	3.5	151
15	Global Genome and Transcriptome Analyses of <i>Magnaporthe oryzae</i> Epidemic Isolate 98-06 Uncover Novel Effectors and Pathogenicity-Related Genes, Revealing Gene Gain and Lose Dynamics in Genome Evolution. <i>PLoS Pathogens</i> , 2015, 11, e1004801.	2.1	148
16	Leucine-rich repeat receptor-like gene screen reveals that <i>Nicotiana glauca</i> RXEG1 regulates glycoside hydrolase 12 MAMP detection. <i>Nature Communications</i> , 2018, 9, 594.	5.8	142
17	Evasion of plant immunity by microbial pathogens. <i>Nature Reviews Microbiology</i> , 2022, 20, 449-464.	13.6	129
18	Defense and Counterdefense During Plant-Pathogenic Oomycete Infection. <i>Annual Review of Microbiology</i> , 2019, 73, 667-696.	2.9	123

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19	Roles of small <sc>RNA</sc>s in soybean defense against <i>Phytophthora sojae</i> infection. <i>Plant Journal</i> , 2014, 79, 928-940.	2.8	122
20	A <i>Phytophthora</i> Effector Manipulates Host Histone Acetylation and Reprograms Defense Gene Expression to Promote Infection. <i>Current Biology</i> , 2017, 27, 981-991.	1.8	120
21	Digital Gene Expression Profiling of the <i>Phytophthora sojae</i> Transcriptome. <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 1530-1539.	1.4	119
22	A <i>Phytophthora sojae</i> effector suppresses endoplasmic reticulum stress-mediated immunity by stabilizing plant Binding immunoglobulin Proteins. <i>Nature Communications</i> , 2016, 7, 11685.	5.8	119
23	The <i>Phytophthora sojae</i> Avirulence Locus <i>Avr3c</i> Encodes a Multi-Copy RXLR Effector with Sequence Polymorphisms among Pathogen Strains. <i>PLoS ONE</i> , 2009, 4, e5556.	1.1	116
24	BIODIVERSITY RESEARCH: Nestedness for different reasons: the distributions of birds, lizards and small mammals on islands of an inundated lake. <i>Diversity and Distributions</i> , 2010, 16, 862-873.	1.9	113
25	Molecular mechanisms and in vitro antioxidant effects of <i>Lactobacillus plantarum</i> MA2. <i>Food Chemistry</i> , 2017, 221, 1642-1649.	4.2	112
26	The <i>Arabidopsis</i> Cys2/His2 zinc finger transcription factor ZAT18 is a positive regulator of plant tolerance to drought stress. <i>Journal of Experimental Botany</i> , 2017, 68, 2991-3005.	2.4	111
27	<i>MgCRZ1</i>, a transcription factor of <i>Magnaporthe grisea</i>, controls growth, development and is involved in full virulence. <i>FEMS Microbiology Letters</i> , 2009, 293, 160-169.	0.7	102
28	The NLP Toxin Family in <i>Phytophthora sojae</i> Includes Rapidly Evolving Groups That Lack Necrosis-Inducing Activity. <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 896-909.	1.4	101
29	<i>Phytophthora</i> Suppressor of RNA Silencing 2 Is a Conserved RxLR Effector that Promotes Infection in Soybean and <i>Arabidopsis thaliana</i>. <i>Molecular Plant-Microbe Interactions</i> , 2014, 27, 1379-1389.	1.4	101
30	Molecular detection of <i>Fusarium oxysporum</i> sp. <i>niveum</i> and <i>Mycosphaerella melonis</i> in infected plant tissues and soil. <i>FEMS Microbiology Letters</i> , 2005, 249, 39-47.	0.7	100
31	Two Host Cytoplasmic Effectors Are Required for Pathogenesis of <i>Phytophthora sojae</i> by Suppression of Host Defenses. <i>Plant Physiology</i> , 2011, 155, 490-501.	2.3	100
32	A <i>Phytophthora sojae</i> G-Protein β Subunit Is Involved in Chemotaxis to Soybean Isoflavones. <i>Eukaryotic Cell</i> , 2008, 7, 2133-2140.	3.4	95
33	Reference values for peripheral blood lymphocyte subsets of healthy children in China. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 970-973.e8.	1.5	93
34	An Oomycete CRN Effector Reprograms Expression of Plant HSP Genes by Targeting their Promoters. <i>PLoS Pathogens</i> , 2015, 11, e1005348.	2.1	89
35	The role of respiratory burst oxidase homologues in elicitor-induced stomatal closure and hypersensitive response in <i>Nicotiana benthamiana</i> . <i>Journal of Experimental Botany</i> , 2009, 60, 3109-3122.	2.4	88
36	An oomycete plant pathogen reprograms host pre-mRNA splicing to subvert immunity. <i>Nature Communications</i> , 2017, 8, 2051.	5.8	84

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37	Development of a loop-mediated isothermal amplification assay for detection of <i>Phytophthora sojae</i> . <i>FEMS Microbiology Letters</i> , 2012, 334, 27-34.	0.7	83
38	Sequence Variants of the <i>Phytophthora sojae</i> RXLR Effector Avr3a/5 Are Differentially Recognized by Rps3a and Rps5 in Soybean. <i>PLoS ONE</i> , 2011, 6, e20172.	1.1	76
39	Characterization and mapping of <i>RpsYu25</i> , a novel resistance gene to <i>Phytophthora sojae</i> . <i>Plant Breeding</i> , 2011, 130, 139-143.	1.0	74
40	Two RxLR Avirulence Genes in <i>Phytophthora sojae</i> Determine Soybean <i>Rps1k</i> -Mediated Disease Resistance. <i>Molecular Plant-Microbe Interactions</i> , 2013, 26, 711-720.	1.4	73
41	Sequencing of the Litchi Downy Blight Pathogen Reveals It Is a <i>Phytophthora</i> Species With Downy Mildew-Like Characteristics. <i>Molecular Plant-Microbe Interactions</i> , 2016, 29, 573-583.	1.4	73
42	Trick or Treat: Microbial Pathogens Evolved Apoplastic Effectors Modulating Plant Susceptibility to Infection. <i>Molecular Plant-Microbe Interactions</i> , 2018, 31, 6-12.	1.4	71
43	Distinct regions of the <i>Phytophthora</i> essential effector Avh238 determine its function in cell death activation and plant immunity suppression. <i>New Phytologist</i> , 2017, 214, 361-375.	3.5	67
44	The Activation of <i>Phytophthora</i> Effector Avr3b by Plant Cyclophilin is Required for the Nudix Hydrolase Activity of Avr3b. <i>PLoS Pathogens</i> , 2015, 11, e1005139.	2.1	66
45	Apoplastic Proteases: Powerful Weapons against Pathogen Infection in Plants. <i>Plant Communications</i> , 2020, 1, 100085.	3.6	64
46	The <i>Phytophthora sojae</i> RXLR effector Avh238 destabilizes soybean Type2 GmACSs to suppress ethylene biosynthesis and promote infection. <i>New Phytologist</i> , 2019, 222, 425-437.	3.5	63
47	<i>Phytophthora</i> methylomes are modulated by 6mA methyltransferases and associated with adaptive genome regions. <i>Genome Biology</i> , 2018, 19, 181.	3.8	61
48	<i>Phytophthora sojae</i> Effector PsAvh240 Inhibits Host Aspartic Protease Secretion to Promote Infection. <i>Molecular Plant</i> , 2019, 12, 552-564.	3.9	60
49	A <i>Phytophthora</i> effector recruits a host cytoplasmic transacetylase into nuclear speckles to enhance plant susceptibility. <i>ELife</i> , 2018, 7, .	2.8	60
50	Microarray profiling reveals microRNAs involving soybean resistance to <i>Phytophthora sojae</i> . <i>Genome</i> , 2011, 54, 954-958.	0.9	56
51	Rapid and Sensitive Detection of <i>Phytophthora sojae</i> in Soil and Infected Soybeans by Species-Specific Polymerase Chain Reaction Assays. <i>Phytopathology</i> , 2006, 96, 1315-1321.	1.1	55
52	The Type III Effector AvrBs2 in <i>Xanthomonas oryzae</i> pv. <i>oryzicola</i> Suppresses Rice Immunity and Promotes Disease Development. <i>Molecular Plant-Microbe Interactions</i> , 2015, 28, 869-880.	1.4	54
53	<i>Phytophthora sojae</i> effectors orchestrate warfare with host immunity. <i>Current Opinion in Microbiology</i> , 2018, 46, 7-13.	2.3	54
54	Intracellular and Extracellular Phosphatidylinositol 3-Phosphate Produced by <i>Phytophthora</i> Species Is Important for Infection. <i>Molecular Plant</i> , 2013, 6, 1592-1604.	3.9	51

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55	N-glycosylation shields <i>Phytophthora sojae</i> apoplastic effector PsXEG1 from a specific host aspartic protease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27685-27693.	3.3	51
56	Distribution, Pathotypes, and Metalaxyl Sensitivity of <i>Phytophthora sojae</i> from Heilongjiang and Fujian Provinces in China. <i>Plant Disease</i> , 2010, 94, 881-884.	0.7	50
57	Genome-wide identification of long non-coding RNAs suggests a potential association with effector gene transcription in <i>Phytophthora sojae</i> . <i>Molecular Plant Pathology</i> , 2018, 19, 2177-2186.	2.0	49
58	<i>Phytophthora</i> Effectors Modulate Genome-wide Alternative Splicing of Host mRNAs to Reprogram Plant Immunity. <i>Molecular Plant</i> , 2020, 13, 1470-1484.	3.9	49
59	Effector gene silencing mediated by histone methylation underpins host adaptation in an oomycete plant pathogen. <i>Nucleic Acids Research</i> , 2020, 48, 1790-1799.	6.5	47
60	What are the Top 10 Unanswered Questions in Molecular Plant-Microbe Interactions?. <i>Molecular Plant-Microbe Interactions</i> , 2020, 33, 1354-1365.	1.4	47
61	Fg12 ribonuclease secretion contributes to <i>Fusarium graminearum</i> virulence and induces plant cell death. <i>Journal of Integrative Plant Biology</i> , 2021, 63, 365-377.	4.1	47
62	Structural analysis of <i>Phytophthora</i> suppressor of RNA silencing 2 (PSR2) reveals a conserved modular fold contributing to virulence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8054-8059.	3.3	46
63	Gene Duplication and Fragment Recombination Drive Functional Diversification of a Superfamily of Cytoplasmic Effectors in <i>Phytophthora sojae</i> . <i>PLoS ONE</i> , 2013, 8, e70036.	1.1	46
64	Molecular detection of <i>Phytophthora capsici</i> in infected plant tissues, soil and water. <i>Plant Pathology</i> , 2006, 55, 770-775.	1.2	45
65	PsSAK1, a Stress-Activated MAP Kinase of <i>Phytophthora sojae</i> , Is Required for Zoospore Viability and Infection of Soybean. <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 1022-1031.	1.4	45
66	The <i>Phytophthora sojae</i> Avr1d Gene Encodes an RxLR-dEER Effector with Presence and Absence Polymorphisms Among Pathogen Strains. <i>Molecular Plant-Microbe Interactions</i> , 2013, 26, 958-968.	1.4	43
67	Nudix Effectors: A Common Weapon in the Arsenal of Plant Pathogens. <i>PLoS Pathogens</i> , 2016, 12, e1005704.	2.1	43
68	The PsCZF1 gene encoding a C2H2 zinc finger protein is required for growth, development and pathogenesis in <i>Phytophthora sojae</i> . <i>Microbial Pathogenesis</i> , 2009, 47, 78-86.	1.3	40
69	Genome Re-Sequencing and Functional Analysis Places the <i>Phytophthora sojae</i> Avirulence Genes Avr1c and Avr1a in a Tandem Repeat at a Single Locus. <i>PLoS ONE</i> , 2014, 9, e89738.	1.1	39
70	The type III effector AvrXccB in <i>Xanthomonas campestris</i> pv. <i>campestris</i> targets putative methyltransferases and suppresses innate immunity in Arabidopsis. <i>Molecular Plant Pathology</i> , 2017, 18, 768-782.	2.0	39
71	Whole Genome Re-sequencing Reveals Natural Variation and Adaptive Evolution of <i>Phytophthora sojae</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 2792.	1.5	39
72	Pathogen manipulation of chloroplast function triggers a light-dependent immune recognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9613-9620.	3.3	39

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73	<sc>PsMPK7</sc>, a stress-associated mitogen-activated protein kinase (<sc>MAPK</sc>) in <i>Phytophthora sojae</i>, is required for stress tolerance, reactive oxygenated species detoxification, cyst germination, sexual reproduction and infection of soybean. <i>Molecular Plant Pathology</i> , 2015, 16, 61-70.	2.0	38
74	Antioxidative effects in vivo and colonization of <i>Lactobacillus plantarum</i> MA2 in the murine intestinal tract. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 7193-7202.	1.7	38
75	Rapid Detection of <i>Phytophthora nicotianae</i> in Infected Tobacco Tissues and Soil Samples Based on Its Ypt1 Gene. <i>Journal of Phytopathology</i> , 2010, 158, 1-7.	0.5	37
76	Incidence of congenital hypothyroidism in China: data from the national newborn screening program, 2013-2015. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2018, 31, 601-608.	0.4	37
77	Natural allelic variations provide insights into host adaptation of <i>Phytophthora</i> avirulence effector PsAvr3c. <i>New Phytologist</i> , 2019, 221, 1010-1022.	3.5	37
78	PVA/CMC/PEDOT:PSS mixture hydrogels with high response and low impedance electronic signals for ECG monitoring. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 208, 112088.	2.5	37
79	Purification and immunocytolocalization of a novel <i>Phytophthora boehmeriae</i> protein inducing the hypersensitive response and systemic acquired resistance in tobacco and Chinese cabbage. <i>Physiological and Molecular Plant Pathology</i> , 2003, 63, 223-232.	1.3	36
80	Identification of <i>Phytophthora sojae</i> genes upregulated during the early stage of soybean infection. <i>FEMS Microbiology Letters</i> , 2007, 269, 280-288.	0.7	36
81	Silencing of G proteins uncovers diversified plant responses when challenged by three elicitors in <i>Nicotiana benthamiana</i>. <i>Plant, Cell and Environment</i> , 2012, 35, 72-85.	2.8	36
82	Wheat Straw Return Influences Nitrogen-Cycling and Pathogen Associated Soil Microbiota in a Wheat-Soybean Rotation System. <i>Frontiers in Microbiology</i> , 2019, 10, 1811.	1.5	36
83	Chemotaxis and oospore formation in <i>Phytophthora sojae</i> are controlled by <sc>G</sc>-protein-coupled receptors with a phosphatidylinositol phosphate kinase domain. <i>Molecular Microbiology</i> , 2013, 88, 382-394.	1.2	35
84	PsMPK1, an SLT2-type mitogen-activated protein kinase, is required for hyphal growth, zoospore formation, cell wall integrity, and pathogenicity in <i>Phytophthora sojae</i> . <i>Fungal Genetics and Biology</i> , 2014, 65, 14-24.	0.9	35
85	Endophytic fungal communities associated with field-grown soybean roots and seeds in the Huang-Huai region of China. <i>PeerJ</i> , 2018, 6, e4713.	0.9	35
86	<i>Phytophthora sojae</i> effector Avr1d functions as an E2 competitor and inhibits ubiquitination activity of GmPUB13 to facilitate infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	35
87	<sc>GK4</sc>, a <sc>G</sc>-protein-coupled receptor with a phosphatidylinositol phosphate kinase domain in <i>Phytophthora infestans</i>, is involved in sporangia development and virulence. <i>Molecular Microbiology</i> , 2013, 88, 352-370.	1.2	34
88	A Myb Transcription Factor of <i>Phytophthora sojae</i> , Regulated by MAP Kinase PsSAK1, Is Required for Zoospore Development. <i>PLoS ONE</i> , 2012, 7, e40246.	1.1	33
89	Comparative genomics of <i>Lactobacillus kefirifaciens</i> ZW3 and related members of <i>Lactobacillus</i> spp reveal adaptations to dairy and gut environments. <i>Scientific Reports</i> , 2017, 7, 12827.	1.6	33
90	The LCB ₂ subunit of the sphingolip biosynthesis enzyme serine palmitoyltransferase can function as an attenuator of the hypersensitive response and Bax-induced cell death. <i>New Phytologist</i> , 2009, 181, 127-146.	3.5	32

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91	The heat shock transcription factor <i>P</i> of <i>Hyphophthora sojae</i> is required for oxidative stress tolerance and detoxifying the plant oxidative burst. <i>Environmental Microbiology</i> , 2015, 17, 1351-1364.	1.8	32
92	Environmental behaviors of phenolic acids dominated their rhizodeposition in boreal poplar plantation forest soils. <i>Journal of Soils and Sediments</i> , 2016, 16, 1858-1870.	1.5	31
93	In vitro and in vivo evaluation of the probiotic attributes of <i>Lactobacillus kefirifaciens</i> XL10 isolated from Tibetan kefir grain. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 2467-2477.	1.7	31
94	The WY domain in the <i>Phytophthora</i> effector PSR 1 is required for infection and RNA silencing suppression activity. <i>New Phytologist</i> , 2019, 223, 839-852.	3.5	31
95	Phylogenetic and transcriptional analysis of an expanded bZIP transcription factor family in <i>Phytophthora sojae</i> . <i>BMC Genomics</i> , 2013, 14, 839.	1.2	30
96	An Effector, BxSapB1, Induces Cell Death and Contributes to Virulence in the Pine Wood Nematode <i>Bursaphelenchus xylophilus</i> . <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 452-463.	1.4	30
97	The role of SA in the hypersensitive response and systemic acquired resistance induced by elicitor PB90 from <i>Phytophthora boehmeriae</i> . <i>Physiological and Molecular Plant Pathology</i> , 2004, 65, 31-38.	1.3	29
98	Molecular mapping of two cultivar-specific avirulence genes in the rice blast fungus <i>Magnaporthe grisea</i> . <i>Molecular Genetics and Genomics</i> , 2007, 277, 139-148.	1.0	29
99	<i>P</i> associated with the <i>G</i> protein β subunit <i>PsGPA1</i> , is required for the chemotaxis and pathogenicity of <i>Hyphophthora sojae</i> . <i>Molecular Plant Pathology</i> , 2016, 17, 272-285.	2.0	29
100	Physiological and metabolomic responses of bermudagrass (<i>Cynodon dactylon</i>) to alkali stress. <i>Physiologia Plantarum</i> , 2021, 171, 22-33.	2.6	29
101	Large chromosomal segment deletions by CRISPR/LbCpf1-mediated multiplex gene editing in soybean. <i>Journal of Integrative Plant Biology</i> , 2021, 63, 1620-1631.	4.1	29
102	Genetic Diversity of <i>Magnaporthe grisea</i> in China as Revealed by DNA Fingerprint Haplotypes and Pathotypes. <i>Journal of Phytopathology</i> , 2006, 154, 361-369.	0.5	28
103	GPR11, a Putative Seven-Transmembrane G Protein-Coupled Receptor, Controls Zoospore Development and Virulence of <i>Phytophthora sojae</i> . <i>Eukaryotic Cell</i> , 2010, 9, 242-250.	3.4	28
104	Complete Genome Sequence of <i>Lactobacillus kefirifaciens</i> ZW3. <i>Journal of Bacteriology</i> , 2011, 193, 4280-4281.	1.0	28
105	A Puf RNA-binding protein encoding gene PIM90 regulates the sexual and asexual life stages of the litchi downy blight pathogen <i>Peronophythora litchii</i> . <i>Fungal Genetics and Biology</i> , 2017, 98, 39-45.	0.9	28
106	Genome-wide identification of <i>Phytophthora sojae</i> SNARE genes and functional characterization of the conserved SNARE <i>PsYKT6</i> . <i>Fungal Genetics and Biology</i> , 2011, 48, 241-251.	0.9	27
107	The MADS-box Transcription Factor <i>PsMAD1</i> Is Involved in Zoosporogenesis and Pathogenesis of <i>Phytophthora sojae</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 2259.	1.5	26
108	Use of GFP to trace the colonization of <i>Lactococcus lactis</i> WH-C1 in the gastrointestinal tract of mice. <i>Journal of Microbiological Methods</i> , 2011, 86, 390-392.	0.7	25

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109	Chitin synthase is involved in vegetative growth, asexual reproduction and pathogenesis of <i>Phytophthora capsici</i> and <i>Phytophthora sojae</i> . <i>Environmental Microbiology</i> , 2019, 21, 4537-4547.	1.8	25
110	Global transcriptomic network of melatonin regulated root growth in <i>Arabidopsis</i> . <i>Gene</i> , 2021, 764, 145082.	1.0	25
111	The N-terminus of an <i>Ustilagoidea vires</i> Ser-Thr-rich glycosylphosphatidylinositol-anchored protein elicits plant immunity as a MAMP. <i>Nature Communications</i> , 2021, 12, 2451.	5.8	25
112	A CRISPR/Cas9-mediated in situ complementation method for <i>Phytophthora sojae</i> mutants. <i>Molecular Plant Pathology</i> , 2021, 22, 373-381.	2.0	25
113	Development of a PCR Assay for the Molecular Detection of <i>Phytophthora boehmeriae</i> in Infected Cotton. <i>Journal of Phytopathology</i> , 2005, 153, 291-296.	0.5	24
114	<i>Phytophthora sojae</i> effector Avh331 suppresses the plant defence response by disturbing the MAPK signalling pathway. <i>Physiological and Molecular Plant Pathology</i> , 2012, 77, 1-9.	1.3	24
115	Cleavage of a pathogen apoplastic protein by plant subtilases activates host immunity. <i>New Phytologist</i> , 2021, 229, 3424-3439.	3.5	24
116	A bacterial kinase phosphorylates OSK1 to suppress stomatal immunity in rice. <i>Nature Communications</i> , 2021, 12, 5479.	5.8	24
117	Fine particulate matter air pollution and under-5 children mortality in China: A national time-stratified case-crossover study. <i>Environment International</i> , 2022, 159, 107022.	4.8	24
118	Kombucha Reduces Hyperglycemia in Type 2 Diabetes of Mice by Regulating Gut Microbiota and Its Metabolites. <i>Foods</i> , 2022, 11, 754.	1.9	24
119	Analysis of polymorphism and transcription of the effector gene <i>Avr1b</i> in <i>Phytophthora sojae</i> isolates from China virulent to <i>Rps1b</i> . <i>Molecular Plant Pathology</i> , 2012, 13, 114-122.	2.0	23
120	Systematic analysis of the G-box Factor 14-3-3 gene family and functional characterization of GF14a in <i>Brachypodium distachyon</i> . <i>Plant Physiology and Biochemistry</i> , 2017, 117, 1-11.	2.8	23
121	Conductive core-sheath calcium alginate/graphene composite fibers with polymeric ionic liquids as an intermediate. <i>Carbohydrate Polymers</i> , 2019, 206, 328-335.	5.1	23
122	Rapid Diagnosis of Soybean Seedling Blight Caused by <i>Rhizoctonia solani</i> and Soybean Charcoal Rot Caused by <i>Macrophomina phaseolina</i> Using LAMP Assays. <i>Phytopathology</i> , 2015, 105, 1612-1617.	1.1	21
123	Rapid diagnosis of soybean anthracnose caused by <i>Colletotrichum truncatum</i> using a loop-mediated isothermal amplification (LAMP) assay. <i>European Journal of Plant Pathology</i> , 2017, 148, 785-793.	0.8	21
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