

Yuan-Chao Wang

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#	Paper	IF	Citations
230	Signatures of adaptation to obligate biotrophy in the <i>Hyaloperonospora arabidopsidis</i> genome. <i>Science</i> , 2010 , 330, 1549-1551	33.3	353
229	Transcriptional programming and functional interactions within the <i>Phytophthora sojae</i> RXLR effector repertoire. <i>Plant Cell</i> , 2011 , 23, 2064-86	11.6	280
228	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, 1118-33	11.6	242
227	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	7.6	207
226	In situ, high-resolution imaging of labile phosphorus in sediments of a large eutrophic lake. <i>Water Research</i> , 2015 , 74, 100-9	12.5	186
225	Oomycete pathogens encode RNA silencing suppressors. <i>Nature Genetics</i> , 2013 , 45, 330-3	36.3	171
224	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, 2057-72	11.6	162
223	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, 341-7	5.7	148
222	<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	7.6	122
221	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, 1053-68	3.6	120
220	A paralogous decoy protects apoplastic effector PsXEG1 from a host inhibitor. <i>Science</i> , 2017 , 355, 710-714	33.3	117
219	Copy number variation and transcriptional polymorphisms of <i>Phytophthora sojae</i> RXLR effector genes Avr1a and Avr3a. <i>PLoS ONE</i> , 2009 , 4, e5066	3.7	113
218	Phytomelatonin: a universal abiotic stress regulator. <i>Journal of Experimental Botany</i> , 2018 , 69, 963-974	7	112
217	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	7.6	96
216	Roles of small RNAs in soybean defense against <i>Phytophthora sojae</i> infection. <i>Plant Journal</i> , 2014 , 79, 928-40	6.9	95
215	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	9.8	91
214	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	5	86

213	Digital gene expression profiling of the <i>Phytophthora sojae</i> transcriptome. <i>Molecular Plant-Microbe Interactions</i> , 2011 , 24, 1530-9	3.6	85
212	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	3.7	82
211	Molecular detection of <i>Fusarium oxysporum</i> f. sp. <i>niveum</i> and <i>Mycosphaerella melonis</i> in infected plant tissues and soil. <i>FEMS Microbiology Letters</i> , 2005 , 249, 39-47	2.9	82
210	MgCRZ1, a transcription factor of <i>Magnaporthe grisea</i> , controls growth, development and is involved in full virulence. <i>FEMS Microbiology Letters</i> , 2009 , 293, 160-9	2.9	81
209	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	6.6	77
208	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, 3109-22	7	72
207	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	6.3	69
206	Development of a loop-mediated isothermal amplification assay for detection of <i>Phytophthora sojae</i> . <i>FEMS Microbiology Letters</i> , 2012 , 334, 27-34	2.9	67
205	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	3.6	67
204	<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, 1379-89	3.6	63
203	Leucine-rich repeat receptor-like gene screen reveals that <i>Nicotiana</i> RXEG1 regulates glycoside hydrolase 12 MAMP detection. <i>Nature Communications</i> , 2018 , 9, 594	17.4	61
202	A <i>Phytophthora sojae</i> G-protein alpha subunit is involved in chemotaxis to soybean isoflavones. <i>Eukaryotic Cell</i> , 2008 , 7, 2133-40		61
201	Defense and Counterdefense During Plant-Pathogenic Oomycete Infection. <i>Annual Review of Microbiology</i> , 2019 , 73, 667-696	17.5	60
200	Molecular mechanisms and in vitro antioxidant effects of <i>Lactobacillus plantarum</i> MA2. <i>Food Chemistry</i> , 2017 , 221, 1642-1649	8.5	60
199	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	7	60
198	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	17.4	60
197	Characterization and mapping of <i>RpsYu25</i> , a novel resistance gene to <i>Phytophthora sojae</i> . <i>Plant Breeding</i> , 2011 , 130, 139-143	2.4	57
196	Sequence variants of the <i>Phytophthora sojae</i> RXLR effector <i>Avr3a/5</i> are differentially recognized by <i>Rps3a</i> and <i>Rps5</i> in soybean. <i>PLoS ONE</i> , 2011 , 6, e20172	3.7	55

195	An Oomycete CRN Effector Reprograms Expression of Plant HSP Genes by Targeting their Promoters. <i>PLoS Pathogens</i> , 2015 , 11, e1005348	7.6	54
194	Rapid and Sensitive Detection of Phytophthora sojae in Soil and Infected Soybeans by Species-Specific Polymerase Chain Reaction Assays. <i>Phytopathology</i> , 2006 , 96, 1315-21	3.8	46
193	Two RxLR avirulence genes in Phytophthora sojae determine soybean Rps1k-mediated disease resistance. <i>Molecular Plant-Microbe Interactions</i> , 2013 , 26, 711-20	3.6	45
192	An oomycete plant pathogen reprograms host pre-mRNA splicing to subvert immunity. <i>Nature Communications</i> , 2017 , 8, 2051	17.4	44
191	Microarray profiling reveals microRNAs involving soybean resistance to Phytophthora sojae. <i>Genome</i> , 2011 , 54, 954-8	2.4	44
190	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	11.5	42
189	Trick or Treat: Microbial Pathogens Evolved Apoplastic Effectors Modulating Plant Susceptibility to Infection. <i>Molecular Plant-Microbe Interactions</i> , 2018 , 31, 6-12	3.6	41
188	The Activation of Phytophthora Effector Avr3b by Plant Cyclophilin is Required for the Nudix Hydrolase Activity of Avr3b. <i>PLoS Pathogens</i> , 2015 , 11, e1005139	7.6	40
187	Distinct regions of the Phytophthora essential effector Avh238 determine its function in cell death activation and plant immunity suppression. <i>New Phytologist</i> , 2017 , 214, 361-375	9.8	34
186	Identification of Phytophthora sojae genes upregulated during the early stage of soybean infection. <i>FEMS Microbiology Letters</i> , 2007 , 269, 280-8	2.9	34
185	Molecular detection of Phytophthora capsici in infected plant tissues, soil and water. <i>Plant Pathology</i> , 2006 , 55, 770-775	2.8	34
184	Silencing of G proteins uncovers diversified plant responses when challenged by three elicitors in Nicotiana benthamiana. <i>Plant, Cell and Environment</i> , 2012 , 35, 72-85	8.4	33
183	The Phytophthora sojae Avr1d gene encodes an RxLR-dEER effector with presence and absence polymorphisms among pathogen strains. <i>Molecular Plant-Microbe Interactions</i> , 2013 , 26, 958-68	3.6	33
182	Rapid Detection of Phytophthora nicotianae in Infected Tobacco Tissues and Soil Samples Based on Its Ypt1 Gene. <i>Journal of Phytopathology</i> , 2010 , 158, 1-7	1.8	33
181	Sequencing of the Litchi Downy Blight Pathogen Reveals It Is a Phytophthora Species With Downy Mildew-Like Characteristics. <i>Molecular Plant-Microbe Interactions</i> , 2016 , 29, 573-83	3.6	33
180	PsSAK1, a stress-activated MAP kinase of Phytophthora sojae, is required for zoospore viability and infection of soybean. <i>Molecular Plant-Microbe Interactions</i> , 2010 , 23, 1022-31	3.6	32
179	Purification and immunocytolocalization of a novel Phytophthora boehmeriae 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	2.6	32
178	The PsCZF1 gene encoding a C2H2 zinc finger protein is required for growth, development and pathogenesis in Phytophthora sojae. <i>Microbial Pathogenesis</i> , 2009 , 47, 78-86	3.8	31

177	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	1.5	30
176	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	3.7	30
175	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	9.8	30
174	A effector recruits a host cytoplasmic transacetylase into nuclear speckles to enhance plant susceptibility. <i>ELife</i> , 2018 , 7,	8.9	29
173	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, 7193-202	5.7	29
172	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, 869-80	3.6	28
171	<i>Phytophthora methylomes</i> are modulated by 6mA methyltransferases and associated with adaptive genome regions. <i>Genome Biology</i> , 2018 , 19, 181	18.3	27
170	<i>Phytophthora sojae</i> Effector PsAvh240 Inhibits Host Aspartic Protease Secretion to Promote Infection. <i>Molecular Plant</i> , 2019 , 12, 552-564	14.4	25
169	Chemotaxis and oospore formation in <i>Phytophthora sojae</i> are controlled by G-protein-coupled receptors with a phosphatidylinositol phosphate kinase domain. <i>Molecular Microbiology</i> , 2013 , 88, 382-94 ¹	4.1	25
168	GK4, a G-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, 352-70	4.1	25
167	Complete genome sequence of <i>Lactobacillus kefiranofaciens</i> ZW3. <i>Journal of Bacteriology</i> , 2011 , 193, 4280-1	3.5	25
166	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	2.6	25
165	Intracellular and extracellular phosphatidylinositol 3-phosphate produced by <i>Phytophthora</i> species is important for infection. <i>Molecular Plant</i> , 2013 , 6, 1592-604	14.4	24
164	The LCB2 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	9.8	24
163	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	1.8	24
162	Nudix Effectors: A Common Weapon in the Arsenal of Plant Pathogens. <i>PLoS Pathogens</i> , 2016 , 12, e1005704	7.04	24
161	PsMPK1, an SLT2-type mitogen-activated protein kinase, is required for hyphal growth, zoosporogenesis, cell wall integrity, and pathogenicity in <i>Phytophthora sojae</i> . <i>Fungal Genetics and Biology</i> , 2014 , 65, 14-24	3.9	23
160	PsMPK7, a stress-associated mitogen-activated protein kinase (MAPK) 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	5.7	23

159	Genome-wide identification of <i>Phytophthora sojae</i> SNARE genes and functional characterization of the conserved SNARE PsYKT6. <i>Fungal Genetics and Biology</i> , 2011 , 48, 241-51	3.9	23
158	<i>Phytophthora sojae</i> effectors orchestrate warfare with host immunity. <i>Current Opinion in Microbiology</i> , 2018 , 46, 7-13	7.9	22
157	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	3.7	22
156	Analysis of polymorphism and transcription of the effector gene Avr1b in <i>Phytophthora sojae</i> isolates from China virulent to Rps1b. <i>Molecular Plant Pathology</i> , 2012 , 13, 114-22	5.7	22
155	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, 242-50		22
154	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	5.7	21
153	Apoplatic Proteases: Powerful Weapons against Pathogen Infection in Plants. <i>Plant Communications</i> , 2020 , 1, 100085	9	21
152	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	1.6	21
151	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, 390-2	2.8	21
150	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, 139-48	3.1	21
149	Effector gene silencing mediated by histone methylation underpins host adaptation in an oomycete plant pathogen. <i>Nucleic Acids Research</i> , 2020 , 48, 1790-1799	20.1	21
148	The heat shock transcription factor PsHSF1 of <i>Phytophthora sojae</i> is required for oxidative stress tolerance and detoxifying the plant oxidative burst. <i>Environmental Microbiology</i> , 2015 , 17, 1351-64	5.2	20
147	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	11.5	20
146	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	3.4	19
145	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	3.7	19
144	Hydrogen peroxide regulates elicitor PB90-induced cell death and defense in non-heading Chinese cabbage. <i>Physiological and Molecular Plant Pathology</i> , 2005 , 67, 220-230	2.6	19
143	The type III effector AvrXccB in <i>Xanthomonas campestris</i> pv. <i>campestris</i> targets putative methyltransferases and suppresses innate immunity in <i>Arabidopsis</i> . <i>Molecular Plant Pathology</i> , 2017 , 18, 768-782	5.7	18
142	Root order-dependent seasonal dynamics in the carbon and nitrogen chemistry of poplar fine roots. <i>New Forests</i> , 2017 , 48, 587-607	2.6	18

141	Endophytic fungal communities associated with field-grown soybean roots and seeds in the Huang-Huai region of China. <i>PeerJ</i> , 2018 , 6, e4713	3.1	18
140	Characterization of intronic structures and alternative splicing in <i>Phytophthora sojae</i> by comparative analysis of expressed sequence tags and genomic sequences. <i>Canadian Journal of Microbiology</i> , 2011 , 57, 84-90	3.2	18
139	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	1.8	18
138	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	5.7	17
137	What are the Top 10 Unanswered Questions in Molecular Plant-Microbe Interactions?. <i>Molecular Plant-Microbe Interactions</i> , 2020 , 33, 1354-1365	3.6	17
136	Whole Genome Re-sequencing Reveals Natural Variation and Adaptive Evolution of. <i>Frontiers in Microbiology</i> , 2019 , 10, 2792	5.7	17
135	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	3.6	17
134	Structural analysis of 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	11.5	16
133	A Puf RNA-binding protein encoding gene PLM90 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	3.9	15
132	Phylogenetic and transcriptional analysis of an expanded bZIP transcription factor family in <i>Phytophthora sojae</i> . <i>BMC Genomics</i> , 2013 , 14, 839	4.5	15
131	Surface functionalization of cellulose nanocrystals with polymeric ionic liquids during phase transfer. <i>Carbohydrate Polymers</i> , 2017 , 157, 1426-1433	10.3	15
130	The Sex Ratio at Birth for 5,338,853 Deliveries in China from 2012 to 2015: A Facility-Based Study. <i>PLoS ONE</i> , 2016 , 11, e0167575	3.7	15
129	Nglycosylation shields 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	11.5	15
128	Comparative genomics of <i>Lactobacillus kefirianofaciens</i> ZW3 and related members of <i>Lactobacillus</i> spp reveal adaptations to dairy and gut environments. <i>Scientific Reports</i> , 2017 , 7, 12827	4.9	14
127	The WY domain in the <i>Phytophthora</i> effector PSR1 is required for infection and RNA silencing suppression activity. <i>New Phytologist</i> , 2019 , 223, 839-852	9.8	14
126	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	5.7	14
125	<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	2.6	14
124	Differences in the induction of the oxidative burst in compatible and incompatible interactions of soybean and <i>Phytophthora sojae</i> . <i>Physiological and Molecular Plant Pathology</i> , 2008 , 73, 16-24	2.6	14

123	Phytophthora Effectors Modulate Genome-wide Alternative Splicing of Host mRNAs to Reprogram Plant Immunity. <i>Molecular Plant</i> , 2020 , 13, 1470-1484	14.4	14
122	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	5.4	13
121	Isolation, identification, and potential probiotic characterization of one <i>Lactococcus</i> from Kefir grain. <i>Food Science and Biotechnology</i> , 2015 , 24, 1775-1780	3	13
120	Bioinformatics Analysis Reveals Abundant Short Alpha-Helices as a Common Structural Feature of Oomycete RxLR Effector Proteins. <i>PLoS ONE</i> , 2015 , 10, e0135240	3.7	13
119	Detection of <i>Phytophthora melonis</i> in samples of soil, water, and plant tissue with polymerase chain reaction. <i>Canadian Journal of Plant Pathology</i> , 2007 , 29, 172-181	1.6	13
118	Genetic analysis and molecular mapping of the avirulence gene PRE1, a gene for host-species specificity in the blast fungus <i>Magnaporthe grisea</i> . <i>Genome</i> , 2006 , 49, 873-81	2.4	13
117	Conductive core-sheath calcium alginate/graphene composite fibers with polymeric ionic liquids as an intermediate. <i>Carbohydrate Polymers</i> , 2019 , 206, 328-335	10.3	13
116	Development of a Loop-Mediated Isothermal Amplification Assay to Detect <i>Fusarium oxysporum</i> . <i>Journal of Phytopathology</i> , 2015 , 163, 63-66	1.8	12
115	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, 1612-7	3.8	12
114	Natural allelic variations provide insights into host adaptation of <i>Phytophthora</i> avirulence effector PsAvr3c. <i>New Phytologist</i> , 2019 , 221, 1010-1022	9.8	12
113	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	2.1	11
112	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	5.2	11
111	Aboveground and belowground litter have equal contributions to soil CO ₂ emission: an evidence from a 4-year measurement in a subtropical forest. <i>Plant and Soil</i> , 2017 , 421, 7-17	4.2	11
110	<i>Pythium cedri</i> sp. nov. (Pythiaceae, Pythiales) from southern China based on morphological and molecular characters. <i>Phytotaxa</i> , 2017 , 309, 135	0.7	11
109	Molecular Detection of <i>Colletotrichum lindemuthianum</i> by Duplex PCR. <i>Journal of Phytopathology</i> , 2008 , 156, 431-437	1.8	11
108	Under-5-Years Child Mortality Due to Congenital Anomalies: A Retrospective Study in Urban and Rural China in 1996-2013. <i>American Journal of Preventive Medicine</i> , 2016 , 50, 663-671	6.1	11
107	Preparation, structure, and properties of melt spun cellulose acetate butyrate fibers. <i>Textile Reseach Journal</i> , 2018 , 88, 1491-1504	1.7	10
106	Differential regulation of defense-related proteins in soybean during compatible and incompatible interactions between <i>Phytophthora sojae</i> and soybean by comparative proteomic analysis. <i>Plant Cell Reports</i> , 2015 , 34, 1263-80	5.1	10

105	Transient silencing mediated by in vitro synthesized double-stranded RNA indicates that PsCdc14 is required for sporangial development in a soybean root rot pathogen. <i>Science China Life Sciences</i> , 2011 , 54, 1143-50	8.5	10
104	Mammalian pro-apoptotic bax gene enhances tobacco resistance to pathogens. <i>Plant Cell Reports</i> , 2008 , 27, 1559-69	5.1	10
103	Differential screening reveals genes differentially expressed in low- and high-virulence near-isogenic Phytophthora sojae lines. <i>Fungal Genetics and Biology</i> , 2006 , 43, 826-39	3.9	10
102	PsHint1, associated with the G-protein β subunit PsGPA1, is required for the chemotaxis and pathogenicity of Phytophthora sojae. <i>Molecular Plant Pathology</i> , 2016 , 17, 272-85	5.7	10
101	Physiological and metabolomic responses of bermudagrass (<i>Cynodon dactylon</i>) to alkali stress. <i>Physiologia Plantarum</i> , 2021 , 171, 22-33	4.6	10
100	The MADS-box Transcription Factor PsMAD1 Is Involved in Zoosporogenesis and Pathogenesis of. <i>Frontiers in Microbiology</i> , 2018 , 9, 2259	5.7	10
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89	A CRISPR/Cas9-mediated in situ complementation method for <i>Phytophthora sojae</i> mutants. <i>Molecular Plant Pathology</i> , 2021 , 22, 373-381	5.7	8
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