Yuan-Chao Wang

List of Publications by Year
in descending order

240 papers	10,563 citations	38742 50 h-index	46799 89 g-index
248 all docs	248 docs citations	248 times ranked	7923 citing authors

#	Article	IF	Citations
1	Melatonin Antagonizes Cytokinin Responses to Stimulate Root Growth in Arabidopsis. Journal of Plant Growth Regulation, 2023, 42, 1833-1845.	5.1	8
2	Leaf surface microtopography shaping the bacterial community in the phyllosphere: evidence from 11 tree species. Microbiological Research, 2022, 254, 126897.	5.3	11
3	Fine particulate matter air pollution and under-5 children mortality in China: A national time-stratified case-crossover study. Environment International, 2022, 159, 107022.	10.0	24
4	Conductive graphene coated carboxymethyl cellulose hybrid fibers with polymeric ionic liquids as intermediate. Carbohydrate Polymers, 2022, 280, 119009.	10.2	7
5	Plant immunity inducers: from discovery to agricultural application. Stress Biology, 2022, 2, 1.	3.1	15
6	Integrated physiological and transcriptomic analyses of two warm- and cool-season turfgrass species in response to heat stress. Plant Physiology and Biochemistry, 2022, 170, 275-286.	5.8	3
7	Transcriptome Profiling of â€˜CandidatusLiberibacter asiaticusâ€™ in Citrus and Psyllids. Phytopathology, 2022, 112, 116-130.	2.2	10
8	ATAC-seq reveals the landscape of open chromatin and cis-regulatory elements in the Phytophthora sojae genome. Molecular Plant-Microbe Interactions, 2022, , .	2.6	5
9	Jasmonic acid biosynthetic genesTgLOX4andTgLOX5are involved in daughter bulb development in tulip (Tulipa gesneriana). Horticulture Research, 2022, 9, .	6.3	15
10	Phytophthora sojae Transformation Based on the CRISPR/Cas9 System. Bio-protocol, 2022, 12, e4352.	0.4	4
11	A novel LAMP assay using hot water in vacuum insulated bottle for rapid detection of the soybean red crown rot pathogen Calonectria ilicicola. Australasian Plant Pathology, 2022, 51, 251-259.	1.0	1
12	Wheat Straw Return Influences Soybean Root-Associated Bacterial and Fungal Microbiota in a Wheatâ€“Soybean Rotation System. Microorganisms, 2022, 10, 667.	3.6	4
13	Ionic liquid regenerated cellulose membrane electroless plated by silver layer for ECG signal monitoring. Cellulose, 2022, 29, 3467-3482.	4.9	3
14	A new distinct geminivirus causes soybean stay-green disease. Molecular Plant, 2022, 15, 927-930.	8.3	17
15	Kombucha Reduces Hyperglycemia in Type 2 Diabetes of Mice by Regulating Gut Microbiota and Its Metabolites. Foods, 2022, 11, 754.	4.3	24
16	Evasion of plant immunity by microbial pathogens. Nature Reviews Microbiology, 2022, 20, 449-464.	28.6	129
17	Diaporthe Diversity and Pathogenicity Revealed from a Broad Survey of Soybean Stem Blight in China. Plant Disease, 2022, 106, 2892-2903.	1.4	4
18	The effect of maternal polycyclic aromatic hydrocarbons exposure and methylation levels of congenital heart diseasesâ€candidate genes on the risk of congenital heart diseases. Prenatal Diagnosis, 2022, 42, 1142-1154.	2.3	0

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19	An Oomycete-Specific Leucine-Rich Repeat-Containing Protein Is Involved in Zoospore Flagellum Development in Phytophthora sojae. Phytopathology, 2022, 112, 2351-2359.	2.2	2
20	Synthesis and properties of wholly aromatic phosphorus-containing thermotropic liquid crystal copolyesters with excellent fibre formation ability. Liquid Crystals, 2021, 48, 466-474.	2.2	6
21	Fg12 ribonuclease secretion contributes to Fusarium graminearum virulence and induces plant cell death. Journal of Integrative Plant Biology, 2021, 63, 365-377.	8.5	47
22	Global transcriptomic network of melatonin regulated root growth in Arabidopsis. Gene, 2021, 764, 145082.	2.2	25
23	Genome Analysis of Two Newly Emerged Potato Late Blight Isolates Sheds Light on Pathogen Adaptation and Provides Tools for Disease Management. Phytopathology, 2021, 111, 96-107.	2.2	9
24	Cleavage of a pathogen apoplastic protein by plant subtilases activates host immunity. New Phytologist, 2021, 229, 3424-3439.	7.3	24
25	Rhizosphere bacterial and fungal communities succession patterns related to growth of poplar fine roots. Science of the Total Environment, 2021, 756, 143839.	8.0	7
26	Transcriptional variation analysis of Arabidopsis ecotypes in response to drought and salt stresses dissects commonly regulated networks. Physiologia Plantarum, 2021, 172, 77-90.	5.2	8
27	Physiological and metabolomic responses of bermudagrass (<scp>Cynodon dactylon</scp>) to alkali stress. Physiologia Plantarum, 2021, 171, 22-33.	5.2	29
28	The bZIP transcription factor PsBZP32 is involved in cyst germination, oxidative stress response, and pathogenicity of Phytophthora sojae. Phytopathology Research, 2021, 3, .	2.4	8
29	Phytophthora sojae effector Avr1d functions as an E2 competitor and inhibits ubiquitination activity of GmPUB13 to facilitate infection. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	35
30	Flexible cellulose/polyvinyl alcohol/PEDOT:PSS electrodes for ECG monitoring. Cellulose, 2021, 28, 4913-4926.	4.9	18
31	The N-terminus of an Ustilaginoidea virens Ser-Thr-rich glycosylphosphatidylinositol-anchored protein elicits plant immunity as a MAMP. Nature Communications, 2021, 12, 2451.	12.8	25
32	Development of LAMP Assays Using a Novel Target Gene for Specific Detection of Pythium terrestris, Pythium spinosum, and â€˜Candidatus Pythium huanghuaienseâ€™. Plant Disease, 2021, 105, 2888-2897.	1.4	3
33	The Phytophthora effector Avh241 interacts with host NDR1â€like proteins to manipulate plant immunity. Journal of Integrative Plant Biology, 2021, 63, 1382-1396.	8.5	16
34	First report of soybean stem blight caused by Diaporthe phaseolorum in Sichuan province, China. Plant Disease, 2021, , .	1.4	1
35	Phytophthora sojae apoplastic effector AEP1 mediates sugar uptake by mutarotation of extracellular aldose and is recognized as a MAMP. Plant Physiology, 2021, 187, 321-335.	4.8	15
36	Double-faced role of Bcl-2-associated athanogene 7 in plantâ€“Phytophthora interaction. Journal of Experimental Botany, 2021, 72, 5751-5765.	4.8	7

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37	Phytophthora infection signalsâ€induced translocation of NAC089 is required for endoplasmic reticulum stress responseâ€mediated plant immunity. Plant Journal, 2021, 108, 67-80.	5.7	11
38	Improved Whole-Genome Sequence of Phytophthora capsici Generated by Long-Read Sequencing. Molecular Plant-Microbe Interactions, 2021, 34, 866-869.	2.6	9
39	Genome Sequence Resource of Phomopsis longicolla YC2-1, a Fungal Pathogen Causing Phomopsis Stem Blight in Soybean. Molecular Plant-Microbe Interactions, 2021, 34, 842-844.	2.6	6
40	Protocol of a prospective and multicentre China Teratology Birth Cohort (CTBC): association of maternal drug exposure during pregnancy with adverse pregnancy outcomes. BMC Pregnancy and Childbirth, 2021, 21, 593.	2.4	0
41	Large chromosomal segment deletions by CRISPR/LbCpf1â€mediated multiplex gene editing in soybean. Journal of Integrative Plant Biology, 2021, 63, 1620-1631.	8.5	29
42	A bacterial kinase phosphorylates OSK1 to suppress stomatal immunity in rice. Nature Communications, 2021, 12, 5479.	12.8	24
43	3D Printing Conductive Composites with Poly(ionic liquid) as a Noncovalent Intermedia to Fabricate Carbon Circuits. Macromolecular Materials and Engineering, 2021, 306, 2100560.	3.6	6
44	PVA/CMC/PEDOT:PSS mixture hydrogels with high response and low impedance electronic signals for ECG monitoring. Colloids and Surfaces B: Biointerfaces, 2021, 208, 112088.	5.0	37
45	A CRISPR/Cas9â€mediated in situ complementation method for Phytophthora sojae mutants. Molecular Plant Pathology, 2021, 22, 373-381.	4.2	25
46	Specific interaction of an RNA-binding protein with the 3â€²-UTR of its target mRNA is critical to oomycete sexual reproduction. PLoS Pathogens, 2021, 17, e1010001.	4.7	13
47	Synthesis and characterisation of main-chain liquid-crystal polyurethanes containing azo group. Liquid Crystals, 2021, 48, 121-130.	2.2	1
48	Identification and characterization of L-type lectin receptor-like kinases involved in Glycine maxâ€“Phytophthora sojae interaction. Planta, 2021, 254, 128.	3.2	2
49	An atypical Phytophthora sojae RxLR effector manipulates host vesicle trafficking to promote infection. PLoS Pathogens, 2021, 17, e1010104.	4.7	9
50	An Improved Method for the Identification of Soybean Resistance to Phytophthora sojae Applied to Germplasm Resources from the Huanghuaihai and Dongbei Regions of China. Plant Disease, 2020, 104, 408-413.	1.4	5
51	Synthesis and Properties of Thermotropic Poly(oxybenzoate-co-oxynaphthoate) Copolyester Modified by a Third AB Type Monomer. Journal of Macromolecular Science - Physics, 2020, 59, 197-212.	1.0	9
52	Effector gene silencing mediated by histone methylation underpins host adaptation in an oomycete plant pathogen. Nucleic Acids Research, 2020, 48, 1790-1799.	14.5	47
53	N - glycosylation shields Phytophthora sojae apoplastic effector PsXEG1 from a specific host aspartic protease. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 27685-27693.	7.1	51
54	Phytophthora Effectors Modulate Genome-wide Alternative Splicing of Host mRNAs to Reprogram Plant Immunity. Molecular Plant, 2020, 13, 1470-1484.	8.3	49

#	Article	IF	Citations
55	A LAMP-assay-based specific microbiota analysis reveals community dynamics and potential interactions of 13 major soybean root pathogens. Journal of Integrative Agriculture, 2020, 19, 2056-2063.	3.5	7
56	Conserved Subgroups of the Plant-Specific RWP-RK Transcription Factor Family Are Present in Oomycete Pathogens. Frontiers in Microbiology, 2020, 11, 1724.	3.5	11
57	What are the Top 10 Unanswered Questions in Molecular Plant-Microbe Interactions?. Molecular Plant-Microbe Interactions, 2020, 33, 1354-1365.	2.6	47
58	Synthesis and properties of liquid crystal copolyurethanes containing biphenyl type diols and diisocyanates. Molecular Crystals and Liquid Crystals, 2020, 709, 43-53.	0.9	3
59	A key effector, BxSapB2, plays a role in the pathogenicity of the pine wood nematode Bursaphelenchus xylophilus. Forest Pathology, 2020, 50, e12600.	1.1	10
60	Apoplastic Proteases: Powerful Weapons against Pathogen Infection in Plants. Plant Communications, 2020, 1, 100085.	7.7	64
61	Identification of Resistance Genes to Phytophthora sojae in Domestic Soybean Cultivars from China Using Particle Bombardment. Plant Disease, 2020, 104, 1888-1893.	1.4	3
62	Functional analysis of RXLR effectors from the New Zealand kauri dieback pathogen Phytophthora agathidicida. Molecular Plant Pathology, 2020, 21, 1131-1148.	4.2	13
63	Integrating physiological and metabolites analysis to identify ethylene involvement in petal senescence in Tulipa gesneriana. Plant Physiology and Biochemistry, 2020, 149, 121-131.	5.8	15
64	G protein Î± subunit suppresses sporangium formation through a serine/threonine protein kinase in Phytophthora sojae. PLoS Pathogens, 2020, 16, e1008138.	4.7	13
65	BxCDP1 from the pine wood nematode Bursaphelenchus xylophilus is recognized as a novel molecular pattern. Molecular Plant Pathology, 2020, 21, 923-935.	4.2	16
66	Pathogenicity and fungicide sensitivity of Pythium and Phytopythium spp. associated with soybean in the Huangâ€Huai region of China. Plant Pathology, 2020, 69, 1083-1092.	2.4	14
67	Pathogen manipulation of chloroplast function triggers a light-dependent immune recognition. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9613-9620.	7.1	39
68	Plant Pathogens Utilize Effectors to Hijack the Host Endoplasmic Reticulum as Part of Their Infection Strategy. Engineering, 2020, 6, 500-504.	6.7	12
69	Sensory characteristics of Maillard reaction products from chicken protein hydrolysates with different degrees of hydrolysis. CYTA - Journal of Food, 2019, 17, 221-227.	1.9	9
70	Chitin synthase is involved in vegetative growth, asexual reproduction and pathogenesis of Phytophthora capsici and Phytophthora sojae. Environmental Microbiology, 2019, 21, 4537-4547.	3.8	25
71	Wheat Straw Return Influences Nitrogen-Cycling and Pathogen Associated Soil Microbiota in a Wheatâ€“Soybean Rotation System. Frontiers in Microbiology, 2019, 10, 1811.	3.5	36
72	A loop-mediated isothermal amplification assay can rapidly diagnose soybean root-rot and damping-off diseases caused by Pythium spinosum. Australasian Plant Pathology, 2019, 48, 553-562.	1.0	4

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73	Phytopythium nanjingense sp. nov. (Pythiaceae, Peronosporales) from southern China based on morphological and molecular characters. Phytotaxa, 2019, 403, 239.	0.3	2
74	Polymorphism in natural alleles of the avirulence gene Avr1c is associated with the host adaptation of Phytophthora sojae. Phytopathology Research, 2019, 1, .	2.4	8
75	Comparative physiological and metabolomic analyses reveal natural variations of tulip in response to storage temperatures. Planta, 2019, 249, 1379-1390.	3.2	10
76	Defense and Counterdefense During Plant-Pathogenic Oomycete Infection. Annual Review of Microbiology, 2019, 73, 667-696.	7.3	123
77	Phytophthora sojae Effector PsAvh240 Inhibits Host Aspartic Protease Secretion to Promote Infection. Molecular Plant, 2019, 12, 552-564.	8.3	60
78	Direct synthesis of potentially biodegradable aromaticâ€“aliphatic thermotropic copolyesters with photocrosslinking properties. Liquid Crystals, 2019, 46, 1780-1789.	2.2	7
79	The WY domain in the Phytophthora effector PSR 1 is required for infection and RNA silencing suppression activity. New Phytologist, 2019, 223, 839-852.	7.3	31
80	Research on the Risk Assessment of Qingdao Marine Disaster Based on Flooding. Sustainability, 2019, 11, 468.	3.2	8
81	Structural analysis of Phytophthora suppressor of RNA silencing 2 (PSR2) reveals a conserved modular fold contributing to virulence. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8054-8059.	7.1	46
82	Changes in growth and soil microbial communities in reciprocal grafting clones between Populus deltoides males and females exposed to water deficit conditions. Annals of Forest Science, 2019, 76, 1.	2.0	2
83	Whole Genome Re-sequencing Reveals Natural Variation and Adaptive Evolution of Phytophthora sojae. Frontiers in Microbiology, 2019, 10, 2792.	3.5	39
84	Natural allelic variations provide insights into host adaptation of Phytophthora avirulence effector PsAvr3c. New Phytologist, 2019, 221, 1010-1022.	7.3	37
85	Development of seven novel specific SCAR markers for rapid identification of Phytophthora sojae: the cause of root- and stem-rot disease of soybean. European Journal of Plant Pathology, 2019, 153, 517-531.	1.7	4
86	Characterization of the Papain-Like Protease p29 of the Hypovirus CHV1-CN280 in Its Natural Host Fungus Cryphonectria parasitica and Nonhost Fungus Magnaporthe oryzae. Phytopathology, 2019, 109, 736-747.	2.2	5
87	The Phytophthora sojae <scp>RXLR</scp> effector Avh238 destabilizes soybean Type2 Gm<scp>ACS</scp>s to suppress ethylene biosynthesis and promote infection. New Phytologist, 2019, 222, 425-437.	7.3	63
88	Conductive core-sheath calcium alginate/graphene composite fibers with polymeric ionic liquids as an intermediate. Carbohydrate Polymers, 2019, 206, 328-335.	10.2	23
89	Poly(ionic liquid)s as phase-transporter for graphene oxide liquid crystals from aqueous to non-polar organic phase via noncovalent functionalization. Liquid Crystals, 2019, 46, 598-608.	2.2	2
90	An Effector, BxSapB1, Induces Cell Death and Contributes to Virulence in the Pine Wood Nematode Bursaphelenchus xylophilus. Molecular Plant-Microbe Interactions, 2019, 32, 452-463.	2.6	30

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91	Phytophthora sojae effectors orchestrate warfare with host immunity. Current Opinion in Microbiology, 2018, 46, 7-13.	5.1	54
92	Leucine-rich repeat receptor-like gene screen reveals that Nicotiana RXEG1 regulates glycoside hydrolase 12 MAMP detection. Nature Communications, 2018, 9, 594.	12.8	142
93	Focus on Effector-Triggered Susceptibility. Molecular Plant-Microbe Interactions, 2018, 31, 5-5.	2.6	9
94	Phytomelatonin: a universal abiotic stress regulator. Journal of Experimental Botany, 2018, 69, 963-974.	4.8	211
95	Preparation, structure, and properties of melt spun cellulose acetate butyrate fibers. Textile Reseach Journal, 2018, 88, 1491-1504.	2.2	16
96	Trick or Treat: Microbial Pathogens Evolved Apoplastic Effectors Modulating Plant Susceptibility to Infection. Molecular Plant-Microbe Interactions, 2018, 31, 6-12.	2.6	71
97	The MADS-box Transcription Factor PsMAD1 Is Involved in Zoosporogenesis and Pathogenesis of Phytophthora sojae. Frontiers in Microbiology, 2018, 9, 2259.	3.5	26
98	Phytophthora methylomes are modulated by 6mA methyltransferases and associated with adaptive genome regions. Genome Biology, 2018, 19, 181.	8.8	61
99	Generating Gene Silenced Mutants in Phytophthora sojae. Methods in Molecular Biology, 2018, 1848, 275-286.	0.9	2
100	Genomeâ€wide identification of long nonâ€coding RNAs suggests a potential association with effector gene transcription in Phytophthora sojae. Molecular Plant Pathology, 2018, 19, 2177-2186.	4.2	49
101	Endophytic fungal communities associated with field-grown soybean roots and seeds in the Huang-Huai region of China. PeerJ, 2018, 6, e4713.	2.0	35
102	Incidence of congenital hypothyroidism in China: data from the national newborn screening program, 2013â€“2015. Journal of Pediatric Endocrinology and Metabolism, 2018, 31, 601-608.	0.9	37
103	Reference values for peripheral blood lymphocyte subsets of healthy children in China. Journal of Allergy and Clinical Immunology, 2018, 142, 970-973.e8.	2.9	93
104	Colonization and Gut Flora Modulation of Lactobacillus kefiranofaciens ZW3 in the Intestinal Tract of Mice. Probiotics and Antimicrobial Proteins, 2018, 10, 374-382.	3.9	16
105	A Phytophthora effector recruits a host cytoplasmic transacetylase into nuclear speckles to enhance plant susceptibility. ELife, 2018, 7, .	6.0	60
106	Real-time PCR Analysis of PAMP-induced Marker Gene Expression in Nicotiana benthamiana. Bio-protocol, 2018, 8, e3031.	0.4	2
107	Preparation and Purification of Proteins Secreted from Phytophthora sojae. Bio-protocol, 2018, 8, e3045.	0.4	1
108	The type III effector AvrXccB in Xanthomonas campestris pv. campestris targets putative methyltransferases and suppresses innate immunity in Arabidopsis. Molecular Plant Pathology, 2017, 18, 768-782.	4.2	39

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109	Distinct regions of the Phytophthora essential effector Avh238 determine its function in cell death activation and plant immunity suppression. New Phytologist, 2017, 214, 361-375.	7.3	67
110	A paralogous decoy protects Phytophthora sojae apoplastic effector PsXEG1 from a host inhibitor. Science, 2017, 355, 710-714.	12.6	236
111	Rapid diagnosis of wheat head blight caused by Fusarium asiaticum using a loop-mediated isothermal amplification assay. Australasian Plant Pathology, 2017, 46, 261-266.	1.0	11
112	Rapid diagnosis of soybean anthracnose caused by Colletotrichum truncatum using a loop-mediated isothermal amplification (LAMP) assay. European Journal of Plant Pathology, 2017, 148, 785-793.	1.7	21
113	In vitro and in vivo evaluation of the probiotic attributes of Lactobacillus kefiranofaciens XL10 isolated from Tibetan kefir grain. Applied Microbiology and Biotechnology, 2017, 101, 2467-2477.	3.6	31
114	Systematic analysis of the G-box Factor 14-3-3 gene family and functional characterization of GF14a in Brachypodium distachyon. Plant Physiology and Biochemistry, 2017, 117, 1-11.	5.8	23
115	Root order-dependent seasonal dynamics in the carbon and nitrogen chemistry of poplar fine roots. New Forests, 2017, 48, 587-607.	1.7	20
116	Biocatalyst-mediated production of 11,15-dihydroxy derivatives of androst-1,4-dien-3,17-dione. Journal of Bioscience and Bioengineering, 2017, 123, 692-697.	2.2	5
117	A Phytophthora Effector Manipulates Host Histone Acetylation and Reprograms Defense Gene Expression to Promote Infection. Current Biology, 2017, 27, 981-991.	3.9	120
118	A Puf RNA-binding protein encoding gene PlM90 regulates the sexual and asexual life stages of the litchi downy blight pathogen Peronophythora litchii. Fungal Genetics and Biology, 2017, 98, 39-45.	2.1	28
119	Differences in root-associated bacterial communities among fine root branching orders of poplar (Populus Ã— euramericana (Dode) Guinier.). Plant and Soil, 2017, 421, 123-135.	3.7	17
120	Comparative genomics of Lactobacillus kefiranofaciens ZW3 and related members of Lactobacillus. spp reveal adaptations to dairy and gut environments. Scientific Reports, 2017, 7, 12827.	3.3	33
121	Aboveground and belowground litter have equal contributions to soil CO2 emission: an evidence from a 4-year measurement in a subtropical forest. Plant and Soil, 2017, 421, 7-17.	3.7	21
122	An oomycete plant pathogen reprograms host pre-mRNA splicing to subvert immunity. Nature Communications, 2017, 8, 2051.	12.8	84
123	Surface functionalization of cellulose nanocrystals with polymeric ionic liquids during phase transfer. Carbohydrate Polymers, 2017, 157, 1426-1433.	10.2	19
124	Molecular mechanisms and in vitro antioxidant effects of Lactobacillus plantarum MA2. Food Chemistry, 2017, 221, 1642-1649.	8.2	112
125	Pythium cedri sp. nov. (Pythiaceae, Pythiales) from southern China based on morphological and molecular characters. Phytotaxa, 2017, 309, 135.	0.3	11
126	The Arabidopsis Cys2/His2 zinc finger transcription factor ZAT18 is a positive regulator of plant tolerance to drought stress. Journal of Experimental Botany, 2017, 68, 2991-3005.	4.8	111

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127	Phytophthora sojae. , 2017, , 199-223.		5
128	First Report of Phytophthora cactorum Causing Root Rot of Lavender in China. Plant Disease, 2017, 101, 1057.	1.4	6
129	Medicinal plant extracts and protein kinase C inhibitor suppress zoosporogenesis and impair motility of Phytophthora capsici zoospores. Plant Protection Science, 2016, 52, 113-122.	1.4	4
130	Comparative Genomic Analysis among Four Representative Isolates of Phytophthora sojae Reveals Genes under Evolutionary Selection. Frontiers in Microbiology, 2016, 7, 1547.	3.5	20
131	<scp>P</scp>s<scp>H</scp>int1, associated with the <scp>G</scp>â€protein Î± subunit <scp>PsGPA1</scp>, is required for the chemotaxis and pathogenicity of <scp>P</scp>hytophthora sojae. Molecular Plant Pathology, 2016, 17, 272-285.	4.2	29
132	Sequencing of the Litchi Downy Blight Pathogen Reveals It Is a Phytophthora Species With Downy Mildew-Like Characteristics. Molecular Plant-Microbe Interactions, 2016, 29, 573-583.	2.6	73
133	A Phytophthora sojae effector suppresses endoplasmic reticulum stress-mediated immunity by stabilizing plant Binding immunoglobulin Proteins. Nature Communications, 2016, 7, 11685.	12.8	119
134	Antioxidative effects in vivo and colonization of Lactobacillus plantarum MA2 in the murine intestinal tract. Applied Microbiology and Biotechnology, 2016, 100, 7193-7202.	3.6	38
135	Functional and bioinformatics analysis of an exopolysaccharide-related gene (epsN) from Lactobacillus kefiranofaciens ZW3. Archives of Microbiology, 2016, 198, 611-618.	2.2	9
136	Under-5-Years Child Mortality Due to Congenital Anomalies. American Journal of Preventive Medicine, 2016, 50, 663-671.	3.0	18
137	Amniotic fluid embolism as a cause of maternal mortality in China between 1996 and 2013: a population-based retrospective study. BMC Pregnancy and Childbirth, 2016, 16, 316.	2.4	3
138	Environmental behaviors of phenolic acids dominated their rhizodeposition in boreal poplar plantation forest soils. Journal of Soils and Sediments, 2016, 16, 1858-1870.	3.0	31
139	Cyclic utilization of HP-Î²-CD in the bioconversion of cortisone acetate by Arthrobacter simplex. Biotechnology Letters, 2016, 38, 597-602.	2.2	5
140	The Sex Ratio at Birth for 5,338,853 Deliveries in China from 2012 to 2015: A Facility-Based Study. PLoS ONE, 2016, 11, e0167575.	2.5	18
141	Nudix Effectors: A Common Weapon in the Arsenal of Plant Pathogens. PLoS Pathogens, 2016, 12, e1005704.	4.7	43
142	Rapid Diagnosis of Soybean Seedling Blight Caused by Rhizoctonia solani and Soybean Charcoal Rot Caused by Macrophomina phaseolina Using LAMP Assays. Phytopathology, 2015, 105, 1612-1617.	2.2	21
143	Bioinformatics Analysis Reveals Abundant Short Alpha-Helices as a Common Structural Feature of Oomycete RxLR Effector Proteins. PLoS ONE, 2015, 10, e0135240.	2.5	16
144	An Oomycete CRN Effector Reprograms Expression of Plant HSP Genes by Targeting their Promoters. PLoS Pathogens, 2015, 11, e1005348.	4.7	89

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145	Differential regulation of defense-related proteins in soybean during compatible and incompatible interactions between Phytophthora sojae and soybean by comparative proteomic analysis. Plant Cell Reports, 2015, 34, 1263-1280.	5.6	15
146	Phytophthora sojae and soybean isoflavones, a model to study zoospore chemotaxis. Physiological and Molecular Plant Pathology, 2015, 92, 161-165.	2.5	10
147	Acidâ€“base indicators for non-polar solvents via anion-exchange of polymeric ionic liquids with anionic dyes. Polymer Chemistry, 2015, 6, 8099-8104.	3.9	8
148	<scp>PsMPK7</scp>, a stressâ€associated mitogenâ€activated protein kinase (<scp>MAPK</scp>) in <scp>P</scp>hytophthora sojae, is required for stress tolerance, reactive oxygenated species detoxification, cyst germination, sexual reproduction and infection of soybean. Molecular Plant Pathology, 2015, 16, 61-70.	4.2	38
149	The Type III Effector AvrBs2 in Xanthomonas oryzae pv. oryzicola Suppresses Rice Immunity and Promotes Disease Development. Molecular Plant-Microbe Interactions, 2015, 28, 869-880.	2.6	54
150	In situ, high-resolution imaging of labile phosphorus in sediments of a large eutrophic lake. Water Research, 2015, 74, 100-109.	11.3	246
151	Global Genome and Transcriptome Analyses of Magnaporthe oryzae Epidemic Isolate 98-06 Uncover Novel Effectors and Pathogenicity-Related Genes, Revealing Gene Gain and Lose Dynamics in Genome Evolution. PLoS Pathogens, 2015, 11, e1004801.	4.7	148
152	A Phytophthora sojae Glycoside Hydrolase 12 Protein Is a Major Virulence Factor during Soybean Infection and Is Recognized as a PAMP. Plant Cell, 2015, 27, 2057-2072.	6.6	335
153	Linear polymeric ionic liquids as phase-transporters for both cationic and anionic dyes with synergic effects. Polymer Chemistry, 2015, 6, 7060-7068.	3.9	12
154	The importin Î± subunit PsIMPA1 mediates the oxidative stress response and is required for the pathogenicity of Phytophthora sojae. Fungal Genetics and Biology, 2015, 82, 108-115.	2.1	11
155	The heat shock transcription factor <scp>P</scp>s<scp>HSF</scp>1 of <scp>P</scp>hytophthora sojae is required for oxidative stress tolerance and detoxifying the plant oxidative burst. Environmental Microbiology, 2015, 17, 1351-1364.	3.8	32
156	Isolation, identification, and potential probiotic characterization of one Lactococcus from Kefir grain. Food Science and Biotechnology, 2015, 24, 1775-1780.	2.6	14
157	Development of a Loopâ€Mediated Isothermal Amplification Assay to Detect <scp>F</scp>usarium oxysporum. Journal of Phytopathology, 2015, 163, 63-66.	1.0	19
158	The Activation of Phytophthora Effector Avr3b by Plant Cyclophilin is Required for the Nudix Hydrolase Activity of Avr3b. PLoS Pathogens, 2015, 11, e1005139.	4.7	66
159	Genome Re-Sequencing and Functional Analysis Places the Phytophthora sojae Avirulence Genes Avr1c and Avr1a in a Tandem Repeat at a Single Locus. PLoS ONE, 2014, 9, e89738.	2.5	39
160	Phytophthora Suppressor of RNA Silencing 2 Is a Conserved RxLR Effector that Promotes Infection in Soybean and Arabidopsis thaliana. Molecular Plant-Microbe Interactions, 2014, 27, 1379-1389.	2.6	101
161	PsMPK1, an SLT2-type mitogen-activated protein kinase, is required for hyphal growth, zoosporogenesis, cell wall integrity, and pathogenicity in Phytophthora sojae. Fungal Genetics and Biology, 2014, 65, 14-24.	2.1	35
162	Roles of small <scp>RNA</scp>s in soybean defense against <scp>P</scp>hytophthora sojae infection. Plant Journal, 2014, 79, 928-940.	5.7	122

#	Article	IF	Citations
163	Phylogenetic and transcriptional analysis of an expanded bZIP transcription factor family in Phytophthora sojae. BMC Genomics, 2013, 14, 839.	2.8	30
164	Chemotaxis and oospore formation in <scp>P</scp>hytophthora sojae are controlled by <scp>G</scp>â€proteinâ€coupled receptors with a phosphatidylinositol phosphate kinase domain. Molecular Microbiology, 2013, 88, 382-394.	2.5	35
165	A Phytophthora conserved transposonâ€like DNA element as a potential target for soyabean root rot disease diagnosis. Plant Pathology, 2013, 62, 719-726.	2.4	2
166	Oomycete pathogens encode RNA silencing suppressors. Nature Genetics, 2013, 45, 330-333.	21.4	238
167	<scp>GK4</scp>, a <scp>G</scp>â€proteinâ€coupled receptor with a phosphatidylinositol phosphate kinase domain in <scp>P</scp>hytophthora infestans, is involved in sporangia development and virulence. Molecular Microbiology, 2013, 88, 352-370.	2.5	34
168	Two RxLR Avirulence Genes in Phytophthora sojae Determine Soybean Rps1k-Mediated Disease Resistance. Molecular Plant-Microbe Interactions, 2013, 26, 711-720.	2.6	73
169	The Phytophthora sojae Avr1d Gene Encodes an RxLR-dEER Effector with Presence and Absence Polymorphisms Among Pathogen Strains. Molecular Plant-Microbe Interactions, 2013, 26, 958-968.	2.6	43
170	Intracellular and Extracellular Phosphatidylinositol 3-Phosphate Produced by Phytophthora Species Is Important for Infection. Molecular Plant, 2013, 6, 1592-1604.	8.3	51
171	PsVPS1, a Dynamin-Related Protein, Is Involved in Cyst Germination and Soybean Infection of Phytophthora sojae. PLoS ONE, 2013, 8, e58623.	2.5	13
172	Gene Duplication and Fragment Recombination Drive Functional Diversification of a Superfamily of Cytoplasmic Effectors in Phytophthora sojae. PLoS ONE, 2013, 8, e70036.	2.5	46
173	The NLP Toxin Family in Phytophthora sojae Includes Rapidly Evolving Groups That Lack Necrosis-Inducing Activity. Molecular Plant-Microbe Interactions, 2012, 25, 896-909.	2.6	101
174	Phytophthora sojae effector Avh331 suppresses the plant defence response by disturbing the MAPK signalling pathway. Physiological and Molecular Plant Pathology, 2012, 77, 1-9.	2.5	24
175	The RxLR effector Avh241 from Phytophthora sojae requires plasma membrane localization to induce plant cell death. New Phytologist, 2012, 196, 247-260.	7.3	151
176	A Myb Transcription Factor of Phytophthora sojae, Regulated by MAP Kinase PsSAK1, Is Required for Zoospore Development. PLoS ONE, 2012, 7, e40246.	2.5	33
177	Analysis of polymorphism and transcription of the effector gene Avr1b in Phytophthora sojae isolates from China virulent to Rps1b. Molecular Plant Pathology, 2012, 13, 114-122.	4.2	23
178	Silencing of G proteins uncovers diversified plant responses when challenged by three elicitors in Nicotiana benthamiana. Plant, Cell and Environment, 2012, 35, 72-85.	5.7	36
179	Development of a loop-mediated isothermal amplification assay for detection of Phytophthora sojae. FEMS Microbiology Letters, 2012, 334, 27-34.	1.8	83
180	Characterization of intronic structures and alternative splicing in Phytophthora sojae by comparative analysis of expressed sequence tags and genomic sequences. Canadian Journal of Microbiology, 2011, 57, 84-90.	1.7	19

#	Article	IF	Citations
181	Microarray profiling reveals microRNAs involving soybean resistance to Phytophthora sojae. Genome, 2011, 54, 954-958.	2.0	56
182	Genome-wide identification of Phytophthora sojae SNARE genes and functional characterization of the conserved SNARE PsYKT6. Fungal Genetics and Biology, 2011, 48, 241-251.	2.1	27
183	Use of GFP to trace the colonization of Lactococcus lactis WH-C1 in the gastrointestinal tract of mice. Journal of Microbiological Methods, 2011, 86, 390-392.	1.6	25
184	Resistance Evaluation of Soybean Germplasm from Huanghuai Region to Phytophthora Root Rot. Agricultural Sciences in China, 2011, 10, 246-251.	0.6	3
185	Characterization and mapping of RpsYu25, a novel resistance gene to Phytophthora sojae. Plant Breeding, 2011, 130, 139-143.	1.9	74
186	Transient silencing mediated by in vitro synthesized double-stranded RNA indicates that PsCdc14 is required for sporangial development in a soybean root rot pathogen. Science China Life Sciences, 2011, 54, 1143-1150.	4.9	19
187	Expression and purification of beefy meaty peptide in Pichia pastoris. Korean Journal of Chemical Engineering, 2011, 28, 848-852.	2.7	3
188	Transcriptional Programming and Functional Interactions within the Phytophthora sojae RXLR Effector Repertoire Â Â. Plant Cell, 2011, 23, 2064-2086.	6.6	455
189	Complete Genome Sequence of Lactobacillus kefiranofaciens ZW3. Journal of Bacteriology, 2011, 193, 4280-4281.	2.2	28
190	Two Host Cytoplasmic Effectors Are Required for Pathogenesis of Phytophthora sojae by Suppression of Host Defenses Â Â. Plant Physiology, 2011, 155, 490-501.	4.8	100
191	Digital Gene Expression Profiling of the Phytophthora sojae Transcriptome. Molecular Plant-Microbe Interactions, 2011, 24, 1530-1539.	2.6	119
192	The bZIP Transcription Factor MoAP1 Mediates the Oxidative Stress Response and Is Critical for Pathogenicity of the Rice Blast Fungus Magnaporthe oryzae. PLoS Pathogens, 2011, 7, e1001302.	4.7	266
193	Phytophthora sojae Avirulence Effector Avr3b is a Secreted NADH and ADP-ribose Pyrophosphorylase that Modulates Plant Immunity. PLoS Pathogens, 2011, 7, e1002353.	4.7	169
194	Assays for Effector-Mediated Suppression of Programmed Cell Death in Yeast. Methods in Molecular Biology, 2011, 712, 173-180.	0.9	4
195	Sequence Variants of the Phytophthora sojae RXLR Effector Avr3a/5 Are Differentially Recognized by Rps3a and Rps5 in Soybean. PLoS ONE, 2011, 6, e20172.	2.5	76
196	10.2478/s11814-009-0225-4. , 2011, 26, 1313.		0
197	PsSAK1, a Stress-Activated MAP Kinase of Phytophthora sojae, Is Required for Zoospore Viability and Infection of Soybean. Molecular Plant-Microbe Interactions, 2010, 23, 1022-1031.	2.6	45
198	The Basic Leucine Zipper Transcription Factor Moatf1 Mediates Oxidative Stress Responses and Is Necessary for Full Virulence of the Rice Blast Fungus Magnaporthe oryzae. Molecular Plant-Microbe Interactions, 2010, 23, 1053-1068.	2.6	156

#	Article	IF	Citations
199	Distribution, Pathotypes, and Metalaxyl Sensitivity of Phytophthora sojae from Heilongjiang and Fujian Provinces in China. Plant Disease, 2010, 94, 881-884.	1.4	50
200	A survey of soybean germplasm for resistance to Phytophthora sojae. Euphytica, 2010, 176, 261-268.	1.2	8
201	BIODIVERSITY RESEARCH: Nestedness for different reasons: the distributions of birds, lizards and small mammals on islands of an inundated lake. Diversity and Distributions, 2010, 16, 862-873.	4.1	113
202	Rapid Detection of Phytophthora nicotianae in Infected Tobacco Tissues and Soil Samples Based on Its Ypt1 Gene. Journal of Phytopathology, 2010, 158, 1-7.	1.0	37
203	GPR11, a Putative Seven-Transmembrane G Protein-Coupled Receptor, Controls Zoospore Development and Virulence of Phytophthora sojae. Eukaryotic Cell, 2010, 9, 242-250.	3.4	28
204	Signatures of Adaptation to Obligate Biotrophy in the Hyaloperonospora arabidopsidis Genome. Science, 2010, 330, 1549-1551.	12.6	492
205	First Report of Root Rot Caused by Phytophthora sansomeana on Soybean in China. Plant Disease, 2010, 94, 378-378.	1.4	19
206	Copy Number Variation and Transcriptional Polymorphisms of Phytophthora sojae RXLR Effector Genes Avr1a and Avr3a. PLoS ONE, 2009, 4, e5066.	2.5	151
207	The Phytophthora sojae Avirulence Locus Avr3c Encodes a Multi-Copy RXLR Effector with Sequence Polymorphisms among Pathogen Strains. PLoS ONE, 2009, 4, e5556.	2.5	116
208	G protein Î± subunit may help zoospore to find the infection site and influence the expression of RGS protein. Communicative and Integrative Biology, 2009, 2, 91-93.	1.4	7
209	The role of respiratory burst oxidase homologues in elicitor-induced stomatal closure and hypersensitive response in Nicotiana benthamiana. Journal of Experimental Botany, 2009, 60, 3109-3122.	4.8	88
210	Purification and partial characterization of milk-clotting enzyme extracted from glutinous rice wine mash liquor. Korean Journal of Chemical Engineering, 2009, 26, 1313-1318.	2.7	9
211	Green fluorescent protein (GFP) as a vital marker for studying the interaction of Phytophthora sojae and soybean. Science Bulletin, 2009, 54, 2822-2829.	9.0	2
212	Effects of Lactobacillus plantarum MA2 isolated from Tibet kefir on lipid metabolism and intestinal microflora of rats fed on high-cholesterol diet. Applied Microbiology and Biotechnology, 2009, 84, 341-347.	3.6	171
213	MgCRZ1, a transcription factor ofMagnaporthe grisea, controls growth, development and is involved in full virulence. FEMS Microbiology Letters, 2009, 293, 160-169.	1.8	102
214	The LCB₂ subunit of the sphingolip biosynthesis enzyme serine palmitoyltransferase can function as an attenuator of the hypersensitive response and Baxâ€induced cell death. New Phytologist, 2009, 181, 127-146.	7.3	32
215	The PsCZF1 gene encoding a C2H2 zinc finger protein is required for growth, development and pathogenesis in Phytophthora sojae. Microbial Pathogenesis, 2009, 47, 78-86.	2.9	40
216	Mammalian pro-apoptotic bax gene enhances tobacco resistance to pathogens. Plant Cell Reports, 2008, 27, 1559-1569.	5.6	11

#	Article	IF	Citations
217	Molecular Detection of Colletotrichum lindemuthianum by Duplex PCR. Journal of Phytopathology, 2008, 156, 431-437.	1.0	12
218	Differences in the induction of the oxidative burst in compatible and incompatible interactions of soybean and Phytophthora sojae. Physiological and Molecular Plant Pathology, 2008, 73, 16-24.	2.5	18
219	Using a Suppression Subtractive Library-Based Approach to Identify Non-Heading Chinese Cabbage Genes Up-Regulated in Early Response to Elicitor PB90. Agricultural Sciences in China, 2008, 7, 303-313.	0.6	0
220	A Phytophthora sojae G-Protein Î± Subunit Is Involved in Chemotaxis to Soybean Isoflavones. Eukaryotic Cell, 2008, 7, 2133-2140.	3.4	95
221	Conserved C-Terminal Motifs Required for Avirulence and Suppression of Cell Death by Phytophthora sojae effector Avr1b. Plant Cell, 2008, 20, 1118-1133.	6.6	323
222	First Report of Stalk Rot Caused by Phytophthora tentaculata on Aucklandia lappa in China. Plant Disease, 2008, 92, 1365-1365.	1.4	3
223	Detection ofPhytophthora melonisin samples of soil, water, and plant tissue with polymerase chain reaction. Canadian Journal of Plant Pathology, 2007, 29, 172-181.	1.4	15
224	Identification of Phytophthora sojae genes upregulated during the early stage of soybean infection. FEMS Microbiology Letters, 2007, 269, 280-288.	1.8	36
225	Molecular mapping of two cultivar-specific avirulence genes in the rice blast fungus Magnaporthe grisea. Molecular Genetics and Genomics, 2007, 277, 139-148.	2.1	29
226	Cloning of genes encoding nonhost hypersensitive response-inducing elicitors from Phytophthora boehmeriae. Science Bulletin, 2007, 52, 231-237.	1.7	2
227	Differential screening reveals genes differentially expressed in low- and high-virulence near-isogenic Phytophthora sojae lines. Fungal Genetics and Biology, 2006, 43, 826-839.	2.1	13
228	Rapid and Sensitive Detection of Phytophthora sojae in Soil and Infected Soybeans by Species-Specific Polymerase Chain Reaction Assays. Phytopathology, 2006, 96, 1315-1321.	2.2	55
229	Genetic Diversity of Magnaporthe grisea in China as Revealed by DNA Fingerprint Haplotypes and Pathotypes. Journal of Phytopathology, 2006, 154, 361-369.	1.0	28
230	Molecular detection of Phytophthora capsici in infected plant tissues, soil and water. Plant Pathology, 2006, 55, 770-775.	2.4	45
231	A Phytophthora sojae gene of glyceraldehyde-3-phosphate dehydrogenase (GAPDH) induced in host infection and its anti-oxidative function in yeast. Science Bulletin, 2006, 51, 1316-1323.	1.7	5
232	Genetic relationships among Chinese and American isolates of Phytophthora sojae assessed by RAPD markers. Science Bulletin, 2006, 51, 2095-2102.	1.7	3
233	Genetic analysis and molecular mapping of the avirulence gene PRE1, a gene for host-species specificity in the blast fungus Magnaporthe grisea. Genome, 2006, 49, 873-881.	2.0	13
234	Development of a PCR Assay for the Molecular Detection of Phytophthora boehmeriae in Infected Cotton. Journal of Phytopathology, 2005, 153, 291-296.	1.0	24

#	ARTICLE	IF	CITATIONS
235	Molecular detection ofFusarium oxysporumf. sp.niveumandMycosphaerella melonisin infected plant tissues and soil. FEMS Microbiology Letters, 2005, 249, 39-47.	1.8	100
236	Phytophthora elicitor PB90 induced apoptosis in suspension cultures of tobacco. Science Bulletin, 2005, 50, 435-439.	1.7	10
237	Phytophthora elicitor PB90 induced apoptosis in suspension cultures of tobacco. Science Bulletin, 2005, 50, 435.	1.7	1
238	Hydrogen peroxide regulates elicitor PB90-induced cell death and defense in non-heading Chinese cabbage. Physiological and Molecular Plant Pathology, 2005, 67, 220-230.	2.5	20
239	The role of SA in the hypersensitive response and systemic acquired resistance induced by elicitor PB90 from Phytophthora boehmeriae. Physiological and Molecular Plant Pathology, 2004, 65, 31-38.	2.5	29
240	Purification and immunocytolocalization of a novel Phytophthora boehmeriae protein inducing the hypersensitive response and systemic acquired resistance in tobacco and Chinese cabbage. Physiological and Molecular Plant Pathology, 2003, 63, 223-232.	2.5	36