# Yuan-Chao Wang

## List of Publications by Year in Descending Order



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| 230 papers | 6,364 citations | 41 h-index | 71 g-index |
| 248 ext. papers | 9,178 ext. citations | 5.6 avg, IF | 5.85 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 230 | Plant immunity inducers: from discovery to agricultural application. *Stress Biology*, **2022**, 2, 1 | | 2 |
| 229 | Transcriptome Profiling of TLiberibacter asiaticusTin Citrus and Psyllids.. *Phytopathology*, **2022**, PHYTO08210327FI | 3.8 | 2 |
| 228 | Conductive graphene coated carboxymethyl cellulose hybrid fibers with polymeric ionic liquids as intermediate.. *Carbohydrate Polymers*, **2022**, 280, 119009 | 10.3 | 0 |
| 227 | Leaf surface microtopography shaping the bacterial community in the phyllosphere: evidence from 11 tree species. *Microbiological Research*, **2022**, 254, 126897 | 5.3 | 2 |
| 226 | Transformation Based on the CRISPR/Cas9 System.. *Bio-protocol*, **2022**, 12, e4352 | 0.9 | 0 |
| 225 | 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 | 1.4 | 0 |
| 224 | Ionic liquid regenerated cellulose membrane electroless plated by silver layer for ECG signal monitoring. *Cellulose*, **2022**, 29, 3467 | 5.5 | 0 |
| 223 | Integrated physiological and transcriptomic analyses of two warm- and cool-season turfgrass species in response to heat stress.. *Plant Physiology and Biochemistry*, **2021**, 170, 275-286 | 5.4 | 0 |
| 222 | Identification and characterization of L-type lectin receptor-like kinases involved in Glycine max-Phytophthora sojae interaction. *Planta*, **2021**, 254, 128 | 4.7 | 0 |
| 221 | An atypical Phytophthora sojae RxLR effector manipulates host vesicle trafficking to promote infection. *PLoS Pathogens*, **2021**, 17, e1010104 | 7.6 | 0 |
| 220 | Fine particulate matter air pollution and under-5 children mortality in China: A national time-stratified case-crossover study. *Environment International*, **2021**, 159, 107022 | 12.9 | 6 |
| 219 | Specific interaction of an RNA-binding protein with the 3ŦUTR of its target mRNA is critical to oomycete sexual reproduction. *PLoS Pathogens*, **2021**, 17, e1010001 | 7.6 | 1 |
| 218 | Synthesis and characterisation of main-chain liquid-crystal polyurethanes containing azo group. *Liquid Crystals*, **2021**, 48, 121-130 | 2.3 | 0 |
| 217 | 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, | 11.5 | 5 |
| 216 | Flexible cellulose/polyvinyl alcohol/PEDOT:PSS electrodes for ECG monitoring. *Cellulose*, **2021**, 28, 4913-4926 | 5.5 | 5 |
| 215 | The N-terminus of an Ustilaginoidea virens Ser-Thr-rich glycosylphosphatidylinositol-anchored protein elicits plant immunity as a MAMP. *Nature Communications*, **2021**, 12, 2451 | 17.4 | 3 |
| 214 | Development of LAMP Assays Using a Novel Target Gene for Specific Detection of , , and TPythium huanghuaienseT *Plant Disease*, **2021**, PDIS01210068RE | 1.5 | 1 |

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| 213 | The Phytophthora effector Avh241 interacts with host NDR1-like proteins to manipulate plant immunity. *Journal of Integrative Plant Biology*, **2021**, 63, 1382-1396 | 8.3 | 5 |
| 212 | 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 | 6.6 | 3 |
| 211 | Double-faced role of Bcl-2-associated athanogene 7 in plant-Phytophthora interaction. *Journal of Experimental Botany*, **2021**, 72, 5751-5765 | 7 | 1 |
| 210 | Synthesis and properties of wholly aromatic phosphorus-containing thermotropic liquid crystal copolyesters with excellent fibre formation ability. *Liquid Crystals*, **2021**, 48, 466-474 | 2.3 | 4 |
| 209 | Fg12 ribonuclease secretion contributes to Fusarium graminearum virulence and induces plant cell death. *Journal of Integrative Plant Biology*, **2021**, 63, 365-377 | 8.3 | 5 |
| 208 | Global transcriptomic network of melatonin regulated root growth in Arabidopsis. *Gene*, **2021**, 764, 145082 | 3.2 | 6 |
| 207 | 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 | 3.8 | 3 |
| 206 | Cleavage of a pathogen apoplastic protein by plant subtilases activates host immunity. *New Phytologist*, **2021**, 229, 3424-3439 | 9.8 | 8 |
| 205 | Rhizosphere bacterial and fungal communities succession patterns related to growth of poplar fine roots. *Science of the Total Environment*, **2021**, 756, 143839 | 10.2 | 2 |
| 204 | Transcriptional variation analysis of Arabidopsis ecotypes in response to drought and salt stresses dissects commonly regulated networks. *Physiologia Plantarum*, **2021**, 172, 77-90 | 4.6 | 2 |
| 203 | Physiological and metabolomic responses of bermudagrass (Cynodon dactylon) to alkali stress. *Physiologia Plantarum*, **2021**, 171, 22-33 | 4.6 | 10 |
| 202 | Phytophthora infection signals-induced translocation of NAC089 is required for endoplasmic reticulum stress response-mediated plant immunity. *Plant Journal*, **2021**, 108, 67-80 | 6.9 | 1 |
| 201 | Improved Whole-Genome Sequence of Generated by Long-Read Sequencing. *Molecular Plant-Microbe Interactions*, **2021**, 34, 866-869 | 3.6 | 2 |
| 200 | Genome Sequence Resource of YC2-1, a Fungal Pathogen Causing Phomopsis Stem Blight in Soybean. *Molecular Plant-Microbe Interactions*, **2021**, 34, 842-844 | 3.6 | 0 |
| 199 | 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 | 3.2 | |
| 198 | Large chromosomal segment deletions by CRISPR/LbCpf1-mediated multiplex gene editing in soybean. *Journal of Integrative Plant Biology*, **2021**, 63, 1620-1631 | 8.3 | 8 |
| 197 | A bacterial kinase phosphorylates OSK1 to suppress stomatal immunity in rice. *Nature Communications*, **2021**, 12, 5479 | 17.4 | 3 |
| 196 | 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 | 6 | 6 |

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| 195 | A CRISPR/Cas9-mediated in situ complementation method for Phytophthora sojae mutants. *Molecular Plant Pathology*, **2021**, 22, 373-381 | 5.7 | 8 |
| 194 | A key effector, BxSapB2, plays a role in the pathogenicity of the pine wood nematode Bursaphelenchus xylophilus. *Forest Pathology*, **2020**, 50, e12600 | 1.2 | 3 |
| 193 | Apoplastic Proteases: Powerful Weapons against Pathogen Infection in Plants. *Plant Communications*, **2020**, 1, 100085 | 9 | 21 |
| 192 | Identification of Resistance Genes to in Domestic Soybean Cultivars from China Using Particle Bombardment. *Plant Disease*, **2020**, 104, 1888-1893 | 1.5 | 1 |
| 191 | Functional analysis of RXLR effectors from the New Zealand kauri dieback pathogen Phytophthora agathidicida. *Molecular Plant Pathology*, **2020**, 21, 1131-1148 | 5.7 | 6 |
| 190 | Integrating physiological and metabolites analysis to identify ethylene involvement in petal senescence in Tulipa gesneriana. *Plant Physiology and Biochemistry*, **2020**, 149, 121-131 | 5.4 | 4 |
| 189 | G protein β subunit suppresses sporangium formation through a serine/threonine protein kinase in Phytophthora sojae. *PLoS Pathogens*, **2020**, 16, e1008138 | 7.6 | 6 |
| 188 | BxCDP1 from the pine wood nematode Bursaphelenchus xylophilus is recognized as a novel molecular pattern. *Molecular Plant Pathology*, **2020**, 21, 923-935 | 5.7 | 9 |
| 187 | Pathogenicity and fungicide sensitivity of Pythium and Phytopythium spp. associated with soybean in the Huang-Huai region of China. *Plant Pathology*, **2020**, 69, 1083-1092 | 2.8 | 7 |
| 186 | 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 | 11.5 | 20 |
| 185 | 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 | 1.4 | 5 |
| 184 | Effector gene silencing mediated by histone methylation underpins host adaptation in an oomycete plant pathogen. *Nucleic Acids Research*, **2020**, 48, 1790-1799 | 20.1 | 21 |
| 183 | Nglycosylation shields 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 | 11.5 | 15 |
| 182 | Phytophthora Effectors Modulate Genome-wide Alternative Splicing of Host mRNAs to Reprogram Plant Immunity. *Molecular Plant*, **2020**, 13, 1470-1484 | 14.4 | 14 |
| 181 | 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 | 3.2 | 0 |
| 180 | Conserved Subgroups of the Plant-Specific RWP-RK Transcription Factor Family Are Present in Oomycete Pathogens. *Frontiers in Microbiology*, **2020**, 11, 1724 | 5.7 | 4 |
| 179 | What are the Top 10 Unanswered Questions in Molecular Plant-Microbe Interactions?. *Molecular Plant-Microbe Interactions*, **2020**, 33, 1354-1365 | 3.6 | 17 |
| 178 | Synthesis and properties of liquid crystal copolyurethanes containing biphenyl type diols and diisocyanates. *Molecular Crystals and Liquid Crystals*, **2020**, 709, 43-53 | 0.5 | 1 |

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| 177 | An Improved Method for the Identification of Soybean Resistance to Applied to Germplasm Resources from the Huanghuaihai and Dongbei Regions of China. *Plant Disease*, **2020**, 104, 408-413 | 1.5 | 3 |
| 176 | Plant Pathogens Utilize Effectors to Hijack the Host Endoplasmic Reticulum as Part of Their Infection Strategy. *Engineering*, **2020**, 6, 500-504 | 9.7 | 7 |
| 175 | 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 | 1.4 | 3 |
| 174 | Phytopythium nanjingense sp. nov. (Pythiaceae, Peronosporales) from southern China based on morphological and molecular characters. *Phytotaxa*, **2019**, 403, 239 | 0.7 | 2 |
| 173 | Polymorphism in natural alleles of the avirulence gene Avr1c is associated with the host adaptation of Phytophthora sojae. *Phytopathology Research*, **2019**, 1, | 4.1 | 4 |
| 172 | Comparative physiological and metabolomic analyses reveal natural variations of tulip in response to storage temperatures. *Planta*, **2019**, 249, 1379-1390 | 4.7 | 6 |
| 171 | Defense and Counterdefense During Plant-Pathogenic Oomycete Infection. *Annual Review of Microbiology*, **2019**, 73, 667-696 | 17.5 | 60 |
| 170 | Phytophthora sojae Effector PsAvh240 Inhibits Host Aspartic Protease Secretion to Promote Infection. *Molecular Plant*, **2019**, 12, 552-564 | 14.4 | 25 |
| 169 | Direct synthesis of potentially biodegradable aromatic□aliphatic thermotropic copolyesters with photocrosslinking properties. *Liquid Crystals*, **2019**, 46, 1780-1789 | 2.3 | 4 |
| 168 | The WY domain in the Phytophthora effector PSR1 is required for infection and RNA silencing suppression activity. *New Phytologist*, **2019**, 223, 839-852 | 9.8 | 14 |
| 167 | Research on the Risk Assessment of Qingdao Marine Disaster Based on Flooding. *Sustainability*, **2019**, 11, 468 | 3.6 | 2 |
| 166 | Structural analysis of 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 | 11.5 | 16 |
| 165 | Sensory characteristics of Maillard reaction products from chicken protein hydrolysates with different degrees of hydrolysis. *CYTA - Journal of Food*, **2019**, 17, 221-227 | 2.3 | 6 |
| 164 | Chitin synthase is involved in vegetative growth, asexual reproduction and pathogenesis of Phytophthora capsici and Phytophthora sojae. *Environmental Microbiology*, **2019**, 21, 4537-4547 | 5.2 | 11 |
| 163 | Wheat Straw Return Influences Nitrogen-Cycling and Pathogen Associated Soil Microbiota in a Wheat-Soybean Rotation System. *Frontiers in Microbiology*, **2019**, 10, 1811 | 5.7 | 17 |
| 162 | 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 | 3.1 | 0 |
| 161 | Whole Genome Re-sequencing Reveals Natural Variation and Adaptive Evolution of. *Frontiers in Microbiology*, **2019**, 10, 2792 | 5.7 | 17 |
| 160 | Natural allelic variations provide insights into host adaptation of Phytophthora avirulence effector PsAvr3c. *New Phytologist*, **2019**, 221, 1010-1022 | 9.8 | 12 |

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| 159 | 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 | 2.1 | 2 |
| 158 | Characterization of the Papain-Like Protease p29 of the Hypovirus CHV1-CN280 in Its Natural Host Fungus and Nonhost Fungus. *Phytopathology*, **2019**, 109, 736-747 | 3.8 | 3 |
| 157 | The Phytophthora sojae RXLR effector Avh238 destabilizes soybean Type2 GmACSs to suppress ethylene biosynthesis and promote infection. *New Phytologist*, **2019**, 222, 425-437 | 9.8 | 30 |
| 156 | Conductive core-sheath calcium alginate/graphene composite fibers with polymeric ionic liquids as an intermediate. *Carbohydrate Polymers*, **2019**, 206, 328-335 | 10.3 | 13 |
| 155 | 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 | 2.3 | 2 |
| 154 | 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 | 3.6 | 17 |
| 153 | Phytophthora sojae effectors orchestrate warfare with host immunity. *Current Opinion in Microbiology*, **2018**, 46, 7-13 | 7.9 | 22 |
| 152 | Leucine-rich repeat receptor-like gene screen reveals that Nicotiana RXEG1 regulates glycoside hydrolase 12 MAMP detection. *Nature Communications*, **2018**, 9, 594 | 17.4 | 61 |
| 151 | Focus on Effector-Triggered Susceptibility. *Molecular Plant-Microbe Interactions*, **2018**, 31, 5 | 3.6 | 4 |
| 150 | Phytomelatonin: a universal abiotic stress regulator. *Journal of Experimental Botany*, **2018**, 69, 963-974 | 7 | 112 |
| 149 | Preparation, structure, and properties of melt spun cellulose acetate butyrate fibers. *Textile Reseach Journal*, **2018**, 88, 1491-1504 | 1.7 | 10 |
| 148 | Trick or Treat: Microbial Pathogens Evolved Apoplastic Effectors Modulating Plant Susceptibility to Infection. *Molecular Plant-Microbe Interactions*, **2018**, 31, 6-12 | 3.6 | 41 |
| 147 | Genome-wide identification of long non-coding RNAs suggests a potential association with effector gene transcription in Phytophthora sojae. *Molecular Plant Pathology*, **2018**, 19, 2177-2186 | 5.7 | 14 |
| 146 | Endophytic fungal communities associated with field-grown soybean roots and seeds in the Huang-Huai region of China. *PeerJ*, **2018**, 6, e4713 | 3.1 | 18 |
| 145 | Incidence of congenital hypothyroidism in China: data from the national newborn screening program, 2013-2015. *Journal of Pediatric Endocrinology and Metabolism*, **2018**, 31, 601-608 | 1.6 | 21 |
| 144 | Reference values for peripheral blood lymphocyte subsets of healthy children in China. *Journal of Allergy and Clinical Immunology*, **2018**, 142, 970-973.e8 | 11.5 | 42 |
| 143 | A effector recruits a host cytoplasmic transacetylase into nuclear speckles to enhance plant susceptibility. *ELife*, **2018**, 7, | 8.9 | 29 |
| 142 | Real-time PCR Analysis of PAMP-induced Marker Gene Expression in. *Bio-protocol*, **2018**, 8, e3031 | 0.9 | 1 |

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| 141 | Preparation and Purification of Proteins Secreted from. *Bio-protocol*, **2018**, 8, e3045 | 0.9 | |
| 140 | Colonization and Gut Flora Modulation of Lactobacillus kefiranofaciens ZW3 in the Intestinal Tract of Mice. *Probiotics and Antimicrobial Proteins*, **2018**, 10, 374-382 | 5.5 | 9 |
| 139 | The MADS-box Transcription Factor PsMAD1 Is Involved in Zoosporogenesis and Pathogenesis of. *Frontiers in Microbiology*, **2018**, 9, 2259 | 5.7 | 10 |
| 138 | Phytophthora methylomes are modulated by 6mA methyltransferases and associated with adaptive genome regions. *Genome Biology*, **2018**, 19, 181 | 18.3 | 27 |
| 137 | Generating Gene Silenced Mutants in Phytophthora sojae. *Methods in Molecular Biology*, **2018**, 1848, 275-286 | 1.4 | 1 |
| 136 | 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 | 5.7 | 18 |
| 135 | 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 | 9.8 | 34 |
| 134 | A paralogous decoy protects apoplastic effector PsXEG1 from a host inhibitor. *Science*, **2017**, 355, 710-714 | 33.3 | 117 |
| 133 | Rapid diagnosis of wheat head blight caused by Fusarium asiaticum using a loop-mediated isothermal amplification assay. *Australasian Plant Pathology*, **2017**, 46, 261-266 | 1.4 | 8 |
| 132 | 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 | 2.1 | 11 |
| 131 | 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 | 5.7 | 21 |
| 130 | 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 | 5.4 | 13 |
| 129 | Root order-dependent seasonal dynamics in the carbon and nitrogen chemistry of poplar fine roots. *New Forests*, **2017**, 48, 587-607 | 2.6 | 18 |
| 128 | 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 | 3.3 | 5 |
| 127 | A Phytophthora Effector Manipulates Host Histone Acetylation and Reprograms Defense Gene Expression to Promote Infection. *Current Biology*, **2017**, 27, 981-991 | 6.3 | 69 |
| 126 | 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 | 3.9 | 15 |
| 125 | Differences in root-associated bacterial communities among fine root branching orders of poplar (Populus euramericana (Dode) Guinier.). *Plant and Soil*, **2017**, 421, 123-135 | 4.2 | 7 |
| 124 | Comparative genomics of Lactobacillus kefiranofaciens ZW3 and related members of Lactobacillus. spp reveal adaptations to dairy and gut environments. *Scientific Reports*, **2017**, 7, 12827 | 4.9 | 14 |

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| 123 | 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 | 4.2 | 11 |
| 122 | An oomycete plant pathogen reprograms host pre-mRNA splicing to subvert immunity. *Nature Communications*, **2017**, 8, 2051 | 17.4 | 44 |
| 121 | Surface functionalization of cellulose nanocrystals with polymeric ionic liquids during phase transfer. *Carbohydrate Polymers*, **2017**, 157, 1426-1433 | 10.3 | 15 |
| 120 | Molecular mechanisms and in vitro antioxidant effects of Lactobacillus plantarum MA2. *Food Chemistry*, **2017**, 221, 1642-1649 | 8.5 | 60 |
| 119 | Pythium cedri sp. nov. (Pythiaceae, Pythiales) from southern China based on morphological and molecular characters. *Phytotaxa*, **2017**, 309, 135 | 0.7 | 11 |
| 118 | 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 | 7 | 60 |
| 117 | Phytophthora sojae **2017**, 199-223 | | 4 |
| 116 | First Report of Phytophthora cactorum Causing Root Rot of Lavender in China. *Plant Disease*, **2017**, 101, 1057 | 1.5 | 4 |
| 115 | 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 | 3.2 | 3 |
| 114 | Environmental behaviors of phenolic acids dominated their rhizodeposition in boreal poplar plantation forest soils. *Journal of Soils and Sediments*, **2016**, 16, 1858-1870 | 3.4 | 19 |
| 113 | Cyclic utilization of HP-□CD in the bioconversion of cortisone acetate by Arthrobacter simplex. *Biotechnology Letters*, **2016**, 38, 597-602 | 3 | 4 |
| 112 | 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 | 3.7 | 15 |
| 111 | Nudix Effectors: A Common Weapon in the Arsenal of Plant Pathogens. *PLoS Pathogens*, **2016**, 12, e1005704 | 7.6 | 24 |
| 110 | Medicinal plant extracts and protein kinase C inhibitor suppress zoosporogenesis and impair motility of Phytophthora capsici zoospores. *Plant Protection Science*, **2016**, 52, 113-122 | 1.1 | 2 |
| 109 | Comparative Genomic Analysis among Four Representative Isolates of Reveals Genes under Evolutionary Selection. *Frontiers in Microbiology*, **2016**, 7, 1547 | 5.7 | 5 |
| 108 | PsHint1, associated with the G-protein □subunit PsGPA1, is required for the chemotaxis and pathogenicity of Phytophthora sojae. *Molecular Plant Pathology*, **2016**, 17, 272-85 | 5.7 | 10 |
| 107 | Sequencing of the Litchi Downy Blight Pathogen Reveals It Is a Phytophthora Species With Downy Mildew-Like Characteristics. *Molecular Plant-Microbe Interactions*, **2016**, 29, 573-83 | 3.6 | 33 |
| 106 | A Phytophthora sojae effector suppresses endoplasmic reticulum stress-mediated immunity by stabilizing plant Binding immunoglobulin Proteins. *Nature Communications*, **2016**, 7, 11685 | 17.4 | 60 |

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| 105 | Antioxidative effects in vivo and colonization of Lactobacillus plantarum MA2 in the murine intestinal tract. *Applied Microbiology and Biotechnology*, **2016**, 100, 7193-202 | 5.7 | 29 |
| 104 | Functional and bioinformatics analysis of an exopolysaccharide-related gene (epsN) from Lactobacillus kefiranofaciens ZW3. *Archives of Microbiology*, **2016**, 198, 611-8 | 3 | 6 |
| 103 | Under-5-Years Child Mortality Due to Congenital Anomalies: A Retrospective Study in Urban and Rural China in 1996-2013. *American Journal of Preventive Medicine*, **2016**, 50, 663-671 | 6.1 | 11 |
| 102 | In situ, high-resolution imaging of labile phosphorus in sediments of a large eutrophic lake. *Water Research*, **2015**, 74, 100-9 | 12.5 | 186 |
| 101 | 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 | 7.6 | 96 |
| 100 | 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, 2057-72 | 11.6 | 162 |
| 99 | Linear polymeric ionic liquids as phase-transporters for both cationic and anionic dyes with synergic effects. *Polymer Chemistry*, **2015**, 6, 7060-7068 | 4.9 | 9 |
| 98 | The importin β subunit PsIMPA1 mediates the oxidative stress response and is required for the pathogenicity of Phytophthora sojae. *Fungal Genetics and Biology*, **2015**, 82, 108-15 | 3.9 | 7 |
| 97 | The heat shock transcription factor PsHSF1 of Phytophthora sojae is required for oxidative stress tolerance and detoxifying the plant oxidative burst. *Environmental Microbiology*, **2015**, 17, 1351-64 | 5.2 | 20 |
| 96 | Isolation, identification, and potential probiotic characterization of one Lactococcus from Kefir grain. *Food Science and Biotechnology*, **2015**, 24, 1775-1780 | 3 | 13 |
| 95 | Development of a Loop-Mediated Isothermal Amplification Assay to Detect Fusarium oxysporum. *Journal of Phytopathology*, **2015**, 163, 63-66 | 1.8 | 12 |
| 94 | Rapid Diagnosis of Soybean Seedling Blight Caused by Rhizoctonia solani and Soybean Charcoal Rot Caused by Macrophomina phaseolina Using LAMP Assays. *Phytopathology*, **2015**, 105, 1612-7 | 3.8 | 12 |
| 93 | Bioinformatics Analysis Reveals Abundant Short Alpha-Helices as a Common Structural Feature of Oomycete RxLR Effector Proteins. *PLoS ONE*, **2015**, 10, e0135240 | 3.7 | 13 |
| 92 | An Oomycete CRN Effector Reprograms Expression of Plant HSP Genes by Targeting their Promoters. *PLoS Pathogens*, **2015**, 11, e1005348 | 7.6 | 54 |
| 91 | 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, 1263-80 | 5.1 | 10 |
| 90 | Phytophthora sojae and soybean isoflavones, a model to study zoospore chemotaxis. *Physiological and Molecular Plant Pathology*, **2015**, 92, 161-165 | 2.6 | 5 |
| 89 | Acid–Base indicators for non-polar solvents via anion-exchange of polymeric ionic liquids with anionic dyes. *Polymer Chemistry*, **2015**, 6, 8099-8104 | 4.9 | 6 |
| 88 | PsMPK7, a stress-associated mitogen-activated protein kinase (MAPK) in Phytophthora 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 | 5.7 | 23 |

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| 87 | The Type III Effector AvrBs2 in Xanthomonas oryzae pv. oryzicola Suppresses Rice Immunity and Promotes Disease Development. *Molecular Plant-Microbe Interactions*, **2015**, 28, 869-80 | 3.6 | 28 |
| 86 | The Activation of Phytophthora Effector Avr3b by Plant Cyclophilin is Required for the Nudix Hydrolase Activity of Avr3b. *PLoS Pathogens*, **2015**, 11, e1005139 | 7.6 | 40 |
| 85 | 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, 1379-89 | 3.6 | 63 |
| 84 | 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 | 3.9 | 23 |
| 83 | Roles of small RNAs in soybean defense against Phytophthora sojae infection. *Plant Journal*, **2014**, 79, 928-40 | 6.9 | 95 |
| 82 | 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 | 3.7 | 22 |
| 81 | Phylogenetic and transcriptional analysis of an expanded bZIP transcription factor family in Phytophthora sojae. *BMC Genomics*, **2013**, 14, 839 | 4.5 | 15 |
| 80 | Chemotaxis and oospore formation in Phytophthora sojae are controlled by G-protein-coupled receptors with a phosphatidylinositol phosphate kinase domain. *Molecular Microbiology*, **2013**, 88, 382-94 | 4.1 | 25 |
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