

Contrasting Mechanisms of Defense Against Biotrophic

Annual Review of Phytopathology

43, 205-227

DOI: [10.1146/annurev.phyto.43.040204.135923](https://doi.org/10.1146/annurev.phyto.43.040204.135923)

Citation Report

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 10.1007/s10438-008-2015-x. Time To Knit, 2000, 1, . | 0.1 | 1 |
| 2 | Contrasting Mechanisms of Defense Against Biotrophic and Necrotrophic Pathogens. Annual Review of Phytopathology, 2005, 43, 205-227. | 3.5 | 3,622 |
| 3 | The Membrane-Anchored BOTRYTIS-INDUCED KINASE1 Plays Distinct Roles in Arabidopsis Resistance to Necrotrophic and Biotrophic Pathogens. Plant Cell, 2005, 18, 257-273. | 3.1 | 381 |
| 4 | Subterfuge and Manipulation: Type III Effector Proteins of Phytopathogenic Bacteria. Annual Review of Microbiology, 2006, 60, 425-449. | 2.9 | 374 |
| 5 | INTEGRATIVE PLANT BIOLOGY: Role of Phloem Long-Distance Macromolecular Trafficking. Annual Review of Plant Biology, 2006, 57, 203-232. | 8.6 | 459 |
| 6 | BIOLOGY AND BIOCHEMISTRY OF GLUCOSINOLATES. Annual Review of Plant Biology, 2006, 57, 303-333. | 8.6 | 1,917 |
| 7 | Redox-Active Pyocyanin Secreted by Pseudomonas aeruginosa 7NSK2 Triggers Systemic Resistance to Magnaporthe grisea but Enhances Rhizoctonia solani Susceptibility in Rice. Molecular Plant-Microbe Interactions, 2006, 19, 1406-1419. | 1.4 | 140 |
| 8 | The Role of Ethylene in Host-Pathogen Interactions. Annual Review of Phytopathology, 2006, 44, 393-416. | 3.5 | 430 |
| 9 | Microbial Endoxylanases: Effective Weapons to Breach the Plant Cell-Wall Barrier or, Rather, Triggers of Plant Defense Systems?. Molecular Plant-Microbe Interactions, 2006, 19, 1072-1081. | 1.4 | 102 |
| 10 | Expression of two wheat defense-response genes, Hfr-1 and Wci-1, under biotic and abiotic stresses. Plant Science, 2006, 170, 90-103. | 1.7 | 80 |
| 11 | Effects of mutations and constitutive overexpression of EDS1 and PAD4 on plant resistance to different types of microbial pathogens. Plant Science, 2006, 171, 251-262. | 1.7 | 39 |
| 12 | The role of salicylic acid in defense response of tomato to root-knot nematodes. Physiological and Molecular Plant Pathology, 2006, 68, 69-78. | 1.3 | 39 |
| 13 | Differential induction of NPR1 during defense responses in Brassica juncea. Physiological and Molecular Plant Pathology, 2006, 68, 128-137. | 1.3 | 26 |
| 14 | Rapid defense gene expression in both resistant and susceptible rice cultivars by elicitor(s) originating from conidia of blast fungus—Basal resistance response before fungal penetration into host cells. Physiological and Molecular Plant Pathology, 2006, 69, 13-25. | 1.3 | 9 |
| 15 | Analysis of organ-specific responses of Pinus sylvestris to shoot (Gremmeniella abietina) and root (Heterobasidion annosum) pathogens. Physiological and Molecular Plant Pathology, 2006, 69, 140-152. | 1.3 | 19 |
| 16 | Can metals defend plants against biotic stress?. Trends in Plant Science, 2006, 11, 288-295. | 4.3 | 228 |
| 17 | Partial purification of elicitors from Lentinula edodes basidiocarps protecting cucumber seedlings against Colletotrichum lagenarium. Brazilian Journal of Microbiology, 2006, 37, 175. | 0.8 | 15 |
| 18 | Early Responses in the Arabidopsis-Verticillium longisporum Pathosystem Are Dependent on NDR1, JA- and ET-Associated Signals via Cytosolic NPR1 and RFO1. Molecular Plant-Microbe Interactions, 2006, 19, 958-969. | 1.4 | 130 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | VARIATION IN RESISTANCE AND VIRULENCE IN THE INTERACTION BETWEEN ARABIDOPSIS THALIANA AND A BACTERIAL PATHOGEN. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1562-1573. | 1.1 | 51 |
| 20 | <i>Botrytis cinerea</i> virulence is drastically reduced after disruption of chitin synthase class III gene (<i>Bcchs3a</i>). <i>Cellular Microbiology</i> , 2006, 8, 1310-1321. | 1.1 | 79 |
| 21 | A journey through signaling in arbuscular mycorrhizal symbioses 2006. <i>New Phytologist</i> , 2006, 172, 35-46. | 3.5 | 132 |
| 22 | mlo-based powdery mildew immunity: silver bullet or simply non-host resistance?. <i>Molecular Plant Pathology</i> , 2006, 7, 605-610. | 2.0 | 94 |
| 23 | <i>Arabidopsis</i> WRKY33 transcription factor is required for resistance to necrotrophic fungal pathogens. <i>Plant Journal</i> , 2006, 48, 592-605. | 2.8 | 804 |
| 24 | Identification of PAD2 as a γ -glutamylcysteine synthetase highlights the importance of glutathione in disease resistance of <i>Arabidopsis</i> . <i>Plant Journal</i> , 2006, 49, 159-172. | 2.8 | 329 |
| 25 | The plant immune system. <i>Nature</i> , 2006, 444, 323-329. | 13.7 | 10,939 |
| 26 | Expression profiling and mutant analysis reveals complex regulatory networks involved in <i>Arabidopsis</i> response to <i>Botrytis</i> infection. <i>Plant Journal</i> , 2006, 48, 28-44. | 2.8 | 259 |
| 27 | PLANT-MEDIATED INTERACTIONS BETWEEN PATHOGENIC MICROORGANISMS AND HERBIVOROUS ARTHROPODS. <i>Annual Review of Entomology</i> , 2006, 51, 663-689. | 5.7 | 412 |
| 28 | The Role of Salicylic Acid and Jasmonic Acid in Pathogen Defence. <i>Plant Biology</i> , 2006, 8, 307-313. | 1.8 | 156 |
| 29 | Cytochromes P450 in the biosynthesis of glucosinolates and indole alkaloids. <i>Phytochemistry Reviews</i> , 2006, 5, 331-346. | 3.1 | 40 |
| 30 | EARLY RESPONSIVE TO DEHYDRATION 15, a Negative Regulator of Abscisic Acid Responses in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2006, 142, 1559-1573. | 2.3 | 144 |
| 31 | VARIATION IN RESISTANCE AND VIRULENCE IN THE INTERACTION BETWEEN ARABIDOPSIS THALIANA AND A BACTERIAL PATHOGEN. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1562. | 1.1 | 2 |
| 32 | Revealing constitutively expressed resistance genes in <i>Agrostis</i> species using PCR-based motif-directed RNA fingerprinting. <i>Genetical Research</i> , 2006, 88, 165. | 0.3 | 15 |
| 33 | Herbivore-Induced Resistance against Microbial Pathogens in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2006, 142, 352-363. | 2.3 | 207 |
| 34 | Duplicate maize 13-lipoxygenase genes are differentially regulated by circadian rhythm, cold stress, wounding, pathogen infection, and hormonal treatments. <i>Journal of Experimental Botany</i> , 2006, 57, 3767-3779. | 2.4 | 123 |
| 35 | CYP71B15 (PAD3) Catalyzes the Final Step in Camalexin Biosynthesis. <i>Plant Physiology</i> , 2006, 141, 1248-1254. | 2.3 | 242 |
| 36 | Transcriptional Coordination of the Metabolic Network in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2006, 142, 762-774. | 2.3 | 178 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Salicylic Acid-Independent ENHANCED DISEASE SUSCEPTIBILITY1 Signaling in Arabidopsis Immunity and Cell Death Is Regulated by the Monooxygenase FMO1 and the Nudix Hydrolase NUDT7. <i>Plant Cell</i> , 2006, 18, 1038-1051. | 3.1 | 455 |
| 38 | Salicylic Acid-Mediated Cell Death in the Arabidopsis <i>len3</i> Mutant. <i>Bioscience, Biotechnology and Biochemistry</i> , 2006, 70, 1447-1453. | 0.6 | 4 |
| 39 | Physical and Functional Interactions between Pathogen-Induced Arabidopsis WRKY18, WRKY40, and WRKY60 Transcription Factors. <i>Plant Cell</i> , 2006, 18, 1310-1326. | 3.1 | 674 |
| 40 | Rapid Accumulation of Trihydroxy Oxylipins and Resistance to the Bean Rust Pathogen <i>Uromyces fabae</i> Following Wounding in <i>Vicia faba</i> . <i>Annals of Botany</i> , 2006, 97, 779-784. | 1.4 | 46 |
| 41 | AtERF14, a Member of the ERF Family of Transcription Factors, Plays a Nonredundant Role in Plant Defense. <i>Plant Physiology</i> , 2007, 143, 400-409. | 2.3 | 188 |
| 42 | Defense Against <i>Sclerotinia sclerotiorum</i> in <i>Arabidopsis</i> Is Dependent on Jasmonic Acid, Salicylic Acid, and Ethylene Signaling. <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 1384-1395. | 1.4 | 146 |
| 43 | Ethylene Is One of the Key Elements for Cell Death and Defense Response Control in the Arabidopsis Lesion Mimic Mutant <i>vad1</i> . <i>Plant Physiology</i> , 2007, 145, 465-477. | 2.3 | 108 |
| 44 | GmEREBP1 Is a Transcription Factor Activating Defense Genes in Soybean and Arabidopsis. <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 107-119. | 1.4 | 78 |
| 45 | Transcript Profiling of Poplar Leaves upon Infection with Compatible and Incompatible Strains of the Foliar Rust <i>Melampsora larici-populina</i> . <i>Plant Physiology</i> , 2007, 144, 347-366. | 2.3 | 156 |
| 46 | Regulation of tradeoffs between plant defenses against pathogens with different lifestyles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 18842-18847. | 3.3 | 571 |
| 47 | Thioredoxin h5 Is Required for Victorin Sensitivity Mediated by a CC-NBS-LRR Gene in Arabidopsis. <i>Plant Cell</i> , 2007, 19, 673-687. | 3.1 | 110 |
| 48 | The developmental selector <i>AS1</i> is an evolutionarily conserved regulator of the plant immune response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 18795-18800. | 3.3 | 74 |
| 49 | Silverleaf Whitefly Induces Salicylic Acid Defenses and Suppresses Effectual Jasmonic Acid Defenses. <i>Plant Physiology</i> , 2007, 143, 866-875. | 2.3 | 635 |
| 50 | A novel ERF transcription activator in wheat and its induction kinetics after pathogen and hormone treatments. <i>Journal of Experimental Botany</i> , 2007, 58, 2993-3003. | 2.4 | 89 |
| 51 | Isolation and characterization of a <i>Vitis vinifera</i> transcription factor, VvWRKY1, and its effect on responses to fungal pathogens in transgenic tobacco plants. <i>Journal of Experimental Botany</i> , 2007, 58, 1999-2010. | 2.4 | 123 |
| 52 | S-Nitrosoglutathione Reductase Affords Protection against Pathogens in Arabidopsis, Both Locally and Systemically. <i>Plant Physiology</i> , 2007, 143, 1282-1292. | 2.3 | 185 |
| 53 | Mutations in LACS2, a Long-Chain Acyl-Coenzyme A Synthetase, Enhance Susceptibility to Avirulent <i>Pseudomonas syringae</i> But Confer Resistance to <i>Botrytis cinerea</i> in Arabidopsis. <i>Plant Physiology</i> , 2007, 144, 1093-1103. | 2.3 | 120 |
| 54 | The GH3 Acyl Adenylase Family Member PBS3 Regulates Salicylic Acid-Dependent Defense Responses in Arabidopsis. <i>Plant Physiology</i> , 2007, 144, 1144-1156. | 2.3 | 192 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Functional Diversification of Acyl-Coenzyme A Oxidases in Jasmonic Acid Biosynthesis and Action. <i>Plant Physiology</i> , 2007, 143, 812-824. | 2.3 | 195 |
| 56 | Arabidopsis-Insect Interactions. <i>The Arabidopsis Book</i> , 2007, 5, e0107. | 0.5 | 25 |
| 57 | Phytotoxicity and Innate Immune Responses Induced by Nep1-Like Proteins. <i>Plant Cell</i> , 2007, 18, 3721-3744. | 3.1 | 314 |
| 58 | Resistance to <i>Botrytis cinerea</i> in <i>sitiens</i> , an Abscisic Acid-Deficient Tomato Mutant, Involves Timely Production of Hydrogen Peroxide and Cell Wall Modifications in the Epidermis. <i>Plant Physiology</i> , 2007, 144, 1863-1877. | 2.3 | 350 |
| 59 | Arabidopsis Transcriptome Changes in Response to Phloem-Feeding Silverleaf Whitefly Nymphs. Similarities and Distinctions in Responses to Aphids. <i>Plant Physiology</i> , 2007, 143, 849-865. | 2.3 | 344 |
| 60 | The PP2C-Type Phosphatase AP2C1, Which Negatively Regulates MPK4 and MPK6, Modulates Innate Immunity, Jasmonic Acid, and Ethylene Levels in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2007, 19, 2213-2224. | 3.1 | 302 |
| 61 | Detached and Attached Arabidopsis Leaf Assays Reveal Distinctive Defense Responses Against Hemibiotrophic <i>Colletotrichum</i> spp.. <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 1308-1319. | 1.4 | 94 |
| 63 | Salicylic Acid Is Important for Basal Defense of <i>Solanum tuberosum</i> Against <i>Phytophthora infestans</i> . <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 1346-1352. | 1.4 | 90 |
| 64 | Basal Resistance Against <i>Pseudomonas syringae</i> in <i>Arabidopsis</i> Involves WRKY53 and a Protein with Homology to a Nematode Resistance Protein. <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 1431-1438. | 1.4 | 141 |
| 65 | Expression of AtWRKY33 Encoding a Pathogen- or PAMP-Responsive WRKY Transcription Factor Is Regulated by a Composite DNA Motif Containing W Box Elements. <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 420-429. | 1.4 | 146 |
| 66 | <i>Arabidopsis thaliana</i> Expresses Multiple Lines of Defense to Counterattack <i>Erwinia chrysanthemi</i> . <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 794-805. | 1.4 | 81 |
| 67 | Expression of the Membrane-Associated Resistance Protein RPW8 Enhances Basal Defense Against Biotrophic Pathogens. <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 966-976. | 1.4 | 88 |
| 68 | Developing a Systems Biology Approach to Study Disease Progression Caused by <i>Heterodera glycines</i> in <i>Glycine max</i> . <i>Gene Regulation and Systems Biology</i> , 2007, 1, 117762500700100. | 2.3 | 0 |
| 70 | Tracing the ancient origins of plant innate immunity. <i>Trends in Plant Science</i> , 2007, 12, 334-342. | 4.3 | 34 |
| 71 | Plant interactions with microbes and insects: from molecular mechanisms to ecology. <i>Trends in Plant Science</i> , 2007, 12, 564-569. | 4.3 | 399 |
| 72 | Identification by suppression subtractive hybridization and expression analysis of <i>Medicago truncatula</i> putative defence genes in response to <i>Orobanche crenata</i> parasitization. <i>Physiological and Molecular Plant Pathology</i> , 2007, 70, 49-59. | 1.3 | 37 |
| 73 | Chitosan activates a MAP-kinase pathway and modifies abundance of defense-related transcripts in calli of <i>Cocos nucifera</i> L.. <i>Physiological and Molecular Plant Pathology</i> , 2007, 70, 130-141. | 1.3 | 30 |
| 74 | Costs and trade-offs associated with induced resistance. <i>Physiological and Molecular Plant Pathology</i> , 2007, 71, 3-17. | 1.3 | 300 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 75 | Basal tomato defences to <i>Botrytis cinerea</i> include abscisic acid-dependent callose formation. <i>Physiological and Molecular Plant Pathology</i> , 2007, 71, 33-40. | 1.3 | 32 |
| 76 | Conservation of NON-EXPRESSOR OF PATHOGENESIS-RELATED GENES1 function between <i>Arabidopsis thaliana</i> and <i>Brassica napus</i> . <i>Physiological and Molecular Plant Pathology</i> , 2007, 71, 174-183. | 1.3 | 33 |
| 77 | Check-In Procedures for Plant Cell Entry by Biotrophic Microbes. <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 1023-1030. | 1.4 | 30 |
| 78 | Regulatory variability of camalexin biosynthesis. <i>Journal of Plant Physiology</i> , 2007, 164, 636-644. | 1.6 | 70 |
| 80 | Cell Wall-Associated Mechanisms of Disease Resistance and Susceptibility. <i>Annual Review of Phytopathology</i> , 2007, 45, 101-127. | 3.5 | 475 |
| 81 | ABA Is Required for <i>Leptosphaeria maculans</i> Resistance via ABI1- and ABI4-Dependent Signaling. <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 335-345. | 1.4 | 90 |
| 83 | ABA Is an Essential Signal for Plant Resistance to Pathogens Affecting JA Biosynthesis and the Activation of Defenses in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2007, 19, 1665-1681. | 3.1 | 755 |
| 84 | Salicylic Acid and Reactive Oxygen Species in the Activation of Stress Defense Genes. , 2007, , 197-246. | | 16 |
| 85 | The Phytotoxin Coronatine Contributes to Pathogen Fitness and Is Required for Suppression of Salicylic Acid Accumulation in Tomato Inoculated with <i>Pseudomonas syringae</i> pv. <i>tomato</i> DC3000. <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 955-965. | 1.4 | 222 |
| 86 | Pathogen-Induced Calmodulin Isoforms in Basal Resistance Against Bacterial and Fungal Pathogens in Tobacco. <i>Plant and Cell Physiology</i> , 2007, 48, 414-423. | 1.5 | 112 |
| 87 | Transcriptional Adaptation of <i>Mycosphaerella graminicola</i> to Programmed Cell Death (PCD) of Its Susceptible Wheat Host. <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 178-193. | 1.4 | 202 |
| 88 | A Proteinaceous Elicitor Sm1 from the Beneficial Fungus <i>Trichoderma virens</i> Is Required for Induced Systemic Resistance in Maize. <i>Plant Physiology</i> , 2007, 145, 875-889. | 2.3 | 286 |
| 89 | Oxylipins Produced by the 9-Lipoxygenase Pathway in <i>Arabidopsis</i> Regulate Lateral Root Development and Defense Responses through a Specific Signaling Cascade. <i>Plant Cell</i> , 2007, 19, 831-846. | 3.1 | 304 |
| 90 | Promotion of Plant Growth by Bacterial ACC Deaminase. <i>Critical Reviews in Plant Sciences</i> , 2007, 26, 227-242. | 2.7 | 742 |
| 91 | Signalling Cascades Involved in Induced Resistance. , 0, , 65-88. | | 19 |
| 92 | Priming of Antimicrobial Phenolics During Induced Resistance Response Towards <i>Pectobacterium carotovorum</i> in the Ornamental Monocot Calla Lily. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 10315-10322. | 2.4 | 33 |
| 93 | Nitric Oxide in Cell-to-Cell Communication Coordinating the Plant Hypersensitive Response. , 2006, , 223-238. | | 0 |
| 94 | Phenotypic Diversity and Altered Environmental Plasticity in <i>Arabidopsis thaliana</i> with Reduced Hsp90 Levels. <i>PLoS ONE</i> , 2007, 2, e648. | 1.1 | 159 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 96 | Networks of Transcriptional Regulation Underlying Plant Defense Responses Toward Phytopathogens. <i>Plant Cell</i> , 2007, 19, 266-284. | | 0 |
| 97 | Biochemistry and molecular biology of Arabidopsis-aphid interactions. <i>BioEssays</i> , 2007, 29, 871-883. | 1.2 | 124 |
| 98 | Camalexin. <i>Phytochemistry</i> , 2007, 68, 401-406. | 1.4 | 245 |
| 99 | <i>Pseudomonas syringae</i> pv. tomato hijacks the Arabidopsis abscisic acid signalling pathway to cause disease. <i>EMBO Journal</i> , 2007, 26, 1434-1443. | 3.5 | 484 |
| 100 | A potato carboxypeptidase inhibitor gene provides pathogen resistance in transgenic rice. <i>Plant Biotechnology Journal</i> , 2007, 5, 537-553. | 4.1 | 45 |
| 101 | Overexpression of VWRKY2 in tobacco enhances broad resistance to necrotrophic fungal pathogens. <i>Physiologia Plantarum</i> , 2007, 131, 434-447. | 2.6 | 115 |
| 102 | Bacterial non-host resistance: interactions of <i>Arabidopsis</i> with non-adapted <i>Pseudomonas syringae</i> strains. <i>Physiologia Plantarum</i> , 2007, 131, 448-461. | 2.6 | 49 |
| 103 | Role of plant stomata in bacterial invasion. <i>Cellular Microbiology</i> , 2007, 9, 1621-1629. | 1.1 | 142 |
| 104 | Elicitation and suppression of microbe-associated molecular pattern-triggered immunity in plant-microbe interactions. <i>Cellular Microbiology</i> , 2007, 9, 1385-1396. | 1.1 | 156 |
| 105 | Efficient, long-lasting resistance against the soft rot bacterium <i>Pectobacterium carotovorum</i> in calla lily provided by the plant activator methyl jasmonate. <i>Plant Pathology</i> , 2007, 56, 692-701. | 1.2 | 38 |
| 106 | A SNARE-protein has opposing functions in penetration resistance and defence signalling pathways. <i>Plant Journal</i> , 2007, 49, 302-312. | 2.8 | 172 |
| 107 | Arbuscular mycorrhizal symbiosis is accompanied by local and systemic alterations in gene expression and an increase in disease resistance in the shoots. <i>Plant Journal</i> , 2007, 50, 529-544. | 2.8 | 430 |
| 108 | Absence of the endo- β -1,4-glucanases Cel1 and Cel2 reduces susceptibility to <i>Botrytis cinerea</i> in tomato. <i>Plant Journal</i> , 2007, 52, 1027-1040. | 2.8 | 99 |
| 109 | Interplay between JA, SA and ABA signalling during basal and induced resistance against <i>Pseudomonas syringae</i> and <i>Alternaria brassicicola</i> . <i>Plant Journal</i> , 2008, 54, 81-92. | 2.8 | 262 |
| 110 | Histochemical and genetic analysis of host and non-host interactions of Arabidopsis with three <i>Botrytis</i> species: an important role for cell death control. <i>Molecular Plant Pathology</i> , 2007, 8, 41-54. | 2.0 | 164 |
| 111 | Fungal endophytes in a 400-million-year-old land plant: infection pathways, spatial distribution, and host responses. <i>New Phytologist</i> , 2007, 174, 648-657. | 3.5 | 350 |
| 112 | Plant signalling components EDS1 and SGT1 enhance disease caused by the necrotrophic pathogen <i>Botrytis cinerea</i> . <i>New Phytologist</i> , 2007, 175, 131-139. | 3.5 | 82 |
| 113 | <i>Moniliophthora perniciosa</i> produces hormones and alters endogenous auxin and salicylic acid in infected cocoa leaves. <i>FEMS Microbiology Letters</i> , 2007, 274, 238-244. | 0.7 | 57 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 114 | Functional analysis of Arabidopsis WRKY25 transcription factor in plant defense against <i>Pseudomonas syringae</i> . <i>BMC Plant Biology</i> , 2007, 7, 2. | 1.6 | 189 |
| 115 | Biocontrol of blue and gray mold diseases of pear fruit by integration of antagonistic yeast with salicylic acid. <i>International Journal of Food Microbiology</i> , 2007, 116, 339-345. | 2.1 | 69 |
| 116 | Natural variation in innate immunity of a pioneer species. <i>Current Opinion in Plant Biology</i> , 2007, 10, 415-424. | 3.5 | 38 |
| 117 | Unraveling mycorrhiza-induced resistance. <i>Current Opinion in Plant Biology</i> , 2007, 10, 393-398. | 3.5 | 919 |
| 118 | Salicylic acid in plant defence—the players and protagonists. <i>Current Opinion in Plant Biology</i> , 2007, 10, 466-472. | 3.5 | 688 |
| 119 | Inhibiting <i>Penicillium expansum</i> infection on pear fruit by <i>Cryptococcus laurentii</i> and cytokinin. <i>Postharvest Biology and Technology</i> , 2007, 45, 221-227. | 2.9 | 34 |
| 120 | Plant disease susceptibility conferred by a “resistance” gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 14861-14866. | 3.3 | 279 |
| 121 | Sulfur-Enhanced Defence: Effects of Sulfur Metabolism, Nitrogen Supply, and Pathogen Lifestyle. <i>Plant Biology</i> , 2007, 9, 608-619. | 1.8 | 69 |
| 122 | Salicylic Acid and Jasmonic Acid Signaling Defense Pathways Reduce Natural Bacterial Diversity on <i>Arabidopsis thaliana</i> . <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 1512-1522. | 1.4 | 144 |
| 123 | Modulation of Plant Defenses by Ethylene. <i>Journal of Plant Growth Regulation</i> , 2007, 26, 160-177. | 2.8 | 123 |
| 124 | The construction of a <i>Solanum habrochaites</i> LYC4 introgression line population and the identification of QTLs for resistance to <i>Botrytis cinerea</i> . <i>Theoretical and Applied Genetics</i> , 2007, 114, 1071-1080. | 1.8 | 72 |
| 125 | The M flax rust resistance pre-mRNA is alternatively spliced and contains a complex upstream untranslated region. <i>Theoretical and Applied Genetics</i> , 2007, 115, 373-382. | 1.8 | 9 |
| 126 | How plants recognize pathogens and defend themselves. <i>Cellular and Molecular Life Sciences</i> , 2007, 64, 2726-2732. | 2.4 | 197 |
| 127 | The HvNAC6 transcription factor: a positive regulator of penetration resistance in barley and <i>Arabidopsis</i> . <i>Plant Molecular Biology</i> , 2007, 65, 137-150. | 2.0 | 136 |
| 128 | AtPTR3, a wound-induced peptide transporter needed for defence against virulent bacterial pathogens in <i>Arabidopsis</i> . <i>Planta</i> , 2007, 225, 1431-1445. | 1.6 | 78 |
| 129 | The WRKY70 transcription factor of <i>Arabidopsis</i> influences both the plant senescence and defense signaling pathways. <i>Planta</i> , 2007, 226, 125-137. | 1.6 | 243 |
| 130 | Analysis of gene expression profiles in response to <i>Sclerotinia sclerotiorum</i> in <i>Brassica napus</i> . <i>Planta</i> , 2007, 227, 13-24. | 1.6 | 131 |
| 131 | Distinct roles of the pepper hypersensitive induced reaction protein gene CaHIR1 in disease and osmotic stress, as determined by comparative transcriptome and proteome analyses. <i>Planta</i> , 2007, 227, 409-425. | 1.6 | 60 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 132 | A novel plastidial lipoxygenase of maize (<i>Zea mays</i>) ZmLOX6 encodes for a fatty acid hydroperoxide lyase and is uniquely regulated by phytohormones and pathogen infection. <i>Planta</i> , 2007, 227, 491-503. | 1.6 | 46 |
| 133 | Microbial oligosaccharides differentially induce volatiles and signalling components in <i>Medicago truncatula</i> . <i>Phytochemistry</i> , 2008, 69, 2029-2040. | 1.4 | 39 |
| 134 | Identification, expression analysis and characterization of defense and signaling genes in <i>Vitis vinifera</i> . <i>Plant Physiology and Biochemistry</i> , 2008, 46, 469-481. | 2.8 | 57 |
| 135 | Plant pathogenesis-related (PR) proteins: A focus on PR peptides. <i>Plant Physiology and Biochemistry</i> , 2008, 46, 941-950. | 2.8 | 676 |
| 136 | Functional analysis reveals pleiotropic effects of rice RING-H2 finger protein gene OsBIRF1 on regulation of growth and defense responses against abiotic and biotic stresses. <i>Plant Molecular Biology</i> , 2008, 68, 17-30. | 2.0 | 88 |
| 137 | <i>Xanthomonas gardneri</i> exoenzymatic activity towards plant tissue. <i>World Journal of Microbiology and Biotechnology</i> , 2008, 24, 163-170. | 1.7 | 6 |
| 138 | What are the prospects for genetically engineered, disease resistant plants?. <i>European Journal of Plant Pathology</i> , 2008, 121, 217-231. | 0.8 | 77 |
| 139 | How can we exploit functional genomics approaches for understanding the nature of plant defences? Barley as a case study. <i>European Journal of Plant Pathology</i> , 2008, 121, 257-266. | 0.8 | 8 |
| 140 | Diversity of defence mechanisms in plant-fungal oomycete interactions: a case study of <i>Lactuca</i> spp. and <i>Bremia lactuca</i> . <i>European Journal of Plant Pathology</i> , 2008, 122, 71-89. | 0.8 | 56 |
| 141 | Mammalian pro-apoptotic bax gene enhances tobacco resistance to pathogens. <i>Plant Cell Reports</i> , 2008, 27, 1559-1569. | 2.8 | 11 |
| 142 | Identification of defense-related genes in rice responding to challenge by <i>Rhizoctonia solani</i> . <i>Theoretical and Applied Genetics</i> , 2008, 116, 501-516. | 1.8 | 55 |
| 143 | Friends and foes: streptomycetes as modulators of plant disease and symbiosis. <i>Antonie Van Leeuwenhoek</i> , 2008, 94, 11-19. | 0.7 | 154 |
| 144 | Functions of defense-related proteins and dehydrogenases in resistance response induced by salicylic acid in sweet cherry fruits at different maturity stages. <i>Proteomics</i> , 2008, 8, 4791-4807. | 1.3 | 87 |
| 145 | Suppression of postharvest blue mould of apple fruit by <i>Cryptococcus laurentii</i> and N ⁶ -benzyladenine. <i>Journal of the Science of Food and Agriculture</i> , 2008, 88, 1266-1271. | 1.7 | 11 |
| 146 | Exogenous application of a lipid transfer protein-jasmonic acid complex induces protection of grapevine towards infection by <i>Botrytis cinerea</i> . <i>Plant Physiology and Biochemistry</i> , 2008, 46, 140-149. | 2.8 | 43 |
| 147 | Plant Immunity to Insect Herbivores. <i>Annual Review of Plant Biology</i> , 2008, 59, 41-66. | 8.6 | 1,975 |
| 148 | Cross Talk in Defense Signaling. <i>Plant Physiology</i> , 2008, 146, 839-844. | 2.3 | 878 |
| 149 | A guide to the integrated application of online data mining tools for the inference of gene functions at the systems level. <i>Biotechnology Journal</i> , 2008, 3, 1375-1387. | 1.8 | 31 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 150 | Ethylene signaling is required for the acceleration of cell death induced by the activation of AtMEK5 in <i>Arabidopsis</i> . <i>Cell Research</i> , 2008, 18, 422-432. | 5.7 | 67 |
| 151 | Role of the <i>Arabidopsis thaliana</i> NAC transcription factors ANAC019 and ANAC055 in regulating jasmonic acid-signaled defense responses. <i>Cell Research</i> , 2008, 18, 756-767. | 5.7 | 310 |
| 152 | Wounding of <i>Arabidopsis</i> leaves causes a powerful but transient protection against <i>Botrytis</i> infection. <i>Plant Journal</i> , 2008, 55, 555-567. | 2.8 | 118 |
| 153 | The <i>Arabidopsis</i> transcription factor WRKY27 influences wilt disease symptom development caused by <i>Ralstonia solanacearum</i> . <i>Plant Journal</i> , 2008, 56, 935-947. | 2.8 | 101 |
| 154 | Activation of elicitor defensive properties by systemic signal molecules during the interaction between potato and the late blight agent. <i>Applied Biochemistry and Microbiology</i> , 2008, 44, 213-217. | 0.3 | 8 |
| 155 | The effect of potassium nutrition on pest and disease resistance in plants. <i>Physiologia Plantarum</i> , 2008, 133, 682-691. | 2.6 | 365 |
| 156 | NPR1 and EDS11 contribute to host resistance against <i>Fusarium culmorum</i> in <i>Arabidopsis</i> buds and flowers. <i>Molecular Plant Pathology</i> , 2008, 9, 697-704. | 2.0 | 23 |
| 157 | Differential profiling of selected defence-related genes induced on challenge with <i>Alternaria brassicicola</i> in resistant white mustard and their comparative expression pattern in susceptible India mustard. <i>Molecular Plant Pathology</i> , 2008, 9, 763-775. | 2.0 | 29 |
| 158 | Involvement of jasmonic acid signalling in bacterial wilt disease resistance induced by biocontrol agent <i>Pythium oligandrum</i> in tomato. <i>Plant Pathology</i> , 2008, 57, 870-876. | 1.2 | 95 |
| 159 | Interplay between MAMP-triggered and SA-mediated defense responses. <i>Plant Journal</i> , 2008, 53, 763-775. | 2.8 | 318 |
| 160 | <i>RLM3</i> , a TIR domain encoding gene involved in broad-range immunity of <i>Arabidopsis</i> to necrotrophic fungal pathogens. <i>Plant Journal</i> , 2008, 55, 188-200. | 2.8 | 88 |
| 161 | The glutathione-deficient mutant <i>pad2-1</i> accumulates lower amounts of glucosinolates and is more susceptible to the insect herbivore <i>Spodoptera littoralis</i> . <i>Plant Journal</i> , 2008, 55, 774-786. | 2.8 | 182 |
| 162 | Reprogramming a maize plant: transcriptional and metabolic changes induced by the fungal biotroph <i>Ustilago maydis</i> . <i>Plant Journal</i> , 2008, 56, 181-195. | 2.8 | 328 |
| 163 | Identification of likely orthologs of tobacco salicylic acid-binding protein 2 and their role in systemic acquired resistance in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2008, 56, 445-456. | 2.8 | 215 |
| 164 | Transcriptional regulation by an NAC (NAM-ATAF1,2-CUC2) transcription factor attenuates ABA signalling for efficient basal defence towards <i>Blumeria graminis</i> f. sp. <i>hordei</i> in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2008, 56, 867-880. | 2.8 | 210 |
| 165 | Two alternative recessive quantitative trait loci influence resistance to spring black stem and leaf spot in <i>Medicago truncatula</i> . <i>BMC Plant Biology</i> , 2008, 8, 30. | 1.6 | 34 |
| 166 | Roles of <i>Arabidopsis</i> WRKY3 and WRKY4 Transcription Factors in Plant Responses to Pathogens. <i>BMC Plant Biology</i> , 2008, 8, 68. | 1.6 | 244 |
| 167 | Plant Biology: Do DELLAs Do Defence?. <i>Current Biology</i> , 2008, 18, R617-R619. | 1.8 | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 168 | Controlling hormone signaling is a plant and pathogen challenge for growth and survival. <i>Current Opinion in Plant Biology</i> , 2008, 11, 420-427. | 3.5 | 148 |
| 169 | Jasmonate signaling: a conserved mechanism of hormone sensing. <i>Current Opinion in Plant Biology</i> , 2008, 11, 428-435. | 3.5 | 316 |
| 170 | Plant immune responses triggered by beneficial microbes. <i>Current Opinion in Plant Biology</i> , 2008, 11, 443-448. | 3.5 | 755 |
| 171 | A rapid and robust method for simultaneously measuring changes in the phytohormones ABA, JA and SA in plants following biotic and abiotic stress. <i>Plant Methods</i> , 2008, 4, 16. | 1.9 | 209 |
| 172 | Induced Resistanceâ€œ Orchestrating Defence Mechanisms through Crosstalk and Priming. , 0, , 334-370. | | 4 |
| 173 | Lipid Signals in Plantâ€œPathogen Interactions. , 0, , 292-333. | | 1 |
| 174 | <i>Pseudomonas Syringae</i> Type III-Secreted Proteins and their Activities and Effects on Plant Innate Immunity. , 0, , 48-76. | | 1 |
| 175 | Pathogen-Associated Molecular Patterns (PAMP) and PAMP-Triggered Immunity. , 0, , 16-47. | | 7 |
| 176 | Construction of cDNA Expression Library of Oilseed Rape and Identification of the Interaction Partner of PG, a Virulence Factor from <i>Sclerotinia sclerotiorum</i> . <i>Acta Agronomica Sinica</i> , 2008, 34, 192-197. | 0.3 | 2 |
| 179 | Endophytic Actinobacteria Induce Defense Pathways in <i>Arabidopsis thaliana</i> . <i>Molecular Plant-Microbe Interactions</i> , 2008, 21, 208-218. | 1.4 | 320 |
| 180 | Role of Stomata in Plant Innate Immunity and Foliar Bacterial Diseases. <i>Annual Review of Phytopathology</i> , 2008, 46, 101-122. | 3.5 | 582 |
| 181 | Salicylic acid induces H ₂ O ₂ production and endochitinase gene expression but not ethylene biosynthesis in <i>Castanea sativa</i> in vitro model system. <i>Journal of Plant Physiology</i> , 2008, 165, 734-744. | 1.6 | 58 |
| 182 | Comparative histochemical analyses of oxidative burst and cell wall reinforcement in compatible and incompatible melonâ€œpowdery mildew (<i>Podosphaera fusca</i>) interactions. <i>Journal of Plant Physiology</i> , 2008, 165, 1895-1905. | 1.6 | 49 |
| 183 | Transcriptional responses of <i>Arabidopsis thaliana</i> to the bacteria-derived PAMPs harpin and lipopolysaccharide. <i>Immunobiology</i> , 2008, 213, 161-171. | 0.8 | 54 |
| 184 | Strangers in the matrix: plant cell walls and pathogen susceptibility. <i>Trends in Plant Science</i> , 2008, 13, 610-617. | 4.3 | 188 |
| 185 | Building up plant defenses by breaking down proteins. <i>Plant Science</i> , 2008, 174, 375-385. | 1.7 | 45 |
| 186 | Ecological costs of biotrophic versus necrotrophic pathogen resistance, the hypersensitive response and signal transduction. <i>Plant Science</i> , 2008, 174, 551-556. | 1.7 | 63 |
| 187 | Elucidation of defence responses and signalling pathways induced in <i>Arabidopsis thaliana</i> following challenge with <i>Phytophthora cinnamomi</i> . <i>Physiological and Molecular Plant Pathology</i> , 2008, 72, 151-161. | 1.3 | 73 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 188 | Gene expression analysis of the wheat response to infection by <i>Fusarium pseudograminearum</i> . <i>Physiological and Molecular Plant Pathology</i> , 2008, 73, 40-47. | 1.3 | 73 |
| 189 | Induced resistance in tomato plants to the toxin-dependent necrotrophic pathogen <i>Alternaria alternata</i> . <i>Physiological and Molecular Plant Pathology</i> , 2008, 73, 67-77. | 1.3 | 20 |
| 190 | Priming for plant defense in barley provides benefits only under high disease pressure. <i>Physiological and Molecular Plant Pathology</i> , 2008, 73, 95-100. | 1.3 | 82 |
| 191 | Powdery Mildew Induces Defense-Oriented Reprogramming of the Transcriptome in a Susceptible But Not in a Resistant Grapevine. <i>Plant Physiology</i> , 2008, 146, 236-249. | 2.3 | 247 |
| 192 | Making Sense of Hormone Crosstalk during Plant Immune Responses. <i>Cell Host and Microbe</i> , 2008, 3, 348-351. | 5.1 | 483 |
| 193 | Biocontrol of <i>Botrytis cinerea</i> in apple fruit by <i>Cryptococcus laurentii</i> and indole-3-acetic acid. <i>Biological Control</i> , 2008, 46, 171-177. | 1.4 | 39 |
| 194 | A rice serine carboxypeptidase-like gene <i>OsBISCPL1</i> is involved in regulation of defense responses against biotic and oxidative stress. <i>Gene</i> , 2008, 420, 57-65. | 1.0 | 86 |
| 195 | Bacterial Effectors Target the Common Signaling Partner BAK1 to Disrupt Multiple MAMP Receptor-Signaling Complexes and Impede Plant Immunity. <i>Cell Host and Microbe</i> , 2008, 4, 17-27. | 5.1 | 498 |
| 196 | <i>Arabidopsis</i> defense response against <i>Fusarium oxysporum</i> . <i>Trends in Plant Science</i> , 2008, 13, 145-150. | 4.3 | 171 |
| 197 | Global Switches and Fine-Tuning of ABA Modulates Plant Pathogen Defense. <i>Molecular Plant-Microbe Interactions</i> , 2008, 21, 709-719. | 1.4 | 409 |
| 198 | Maize 9-Lipoxygenase <i>ZmLOX3</i> Controls Development, Root-Specific Expression of Defense Genes, and Resistance to Root-Knot Nematodes. <i>Molecular Plant-Microbe Interactions</i> , 2008, 21, 98-109. | 1.4 | 157 |
| 199 | Repression of the Auxin Response Pathway Increases <i>Arabidopsis</i> Susceptibility to Necrotrophic Fungi. <i>Molecular Plant</i> , 2008, 1, 496-509. | 3.9 | 208 |
| 200 | Activation of Defense Response Pathways by OGs and Flg22 Elicitors in <i>Arabidopsis</i> Seedlings. <i>Molecular Plant</i> , 2008, 1, 423-445. | 3.9 | 448 |
| 201 | Differential Effectiveness of Microbially Induced Resistance Against Herbivorous Insects in <i>Arabidopsis</i> . <i>Molecular Plant-Microbe Interactions</i> , 2008, 21, 919-930. | 1.4 | 213 |
| 202 | <i>Arabidopsis</i> MAPKs: a complex signalling network involved in multiple biological processes. <i>Biochemical Journal</i> , 2008, 413, 217-226. | 1.7 | 652 |
| 203 | Parasitism by <i>Cuscuta pentagona</i> Attenuates Host Plant Defenses against Insect Herbivores. <i>Plant Physiology</i> , 2008, 146, 987-995. | 2.3 | 50 |
| 204 | Regulation and Function of <i>Arabidopsis</i> JASMONATE ZIM-Domain Genes in Response to Wounding and Herbivory. <i>Plant Physiology</i> , 2008, 146, 952-964. | 2.3 | 385 |
| 205 | Complex Genetics Control Natural Variation in <i>Arabidopsis thaliana</i> Resistance to <i>Botrytis cinerea</i> . <i>Genetics</i> , 2008, 180, 2237-2250. | 1.2 | 104 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 206 | A Lesion-Mimic Syntaxin Double Mutant in Arabidopsis Reveals Novel Complexity of Pathogen Defense Signaling. <i>Molecular Plant</i> , 2008, 1, 510-527. | 3.9 | 76 |
| 207 | The Necrotroph <i>Botrytis cinerea</i> Induces a Non-Host Type II Resistance Mechanism in <i>Pinus pinaster</i> Suspension-Cultured Cells. <i>Plant and Cell Physiology</i> , 2008, 49, 386-395. | 1.5 | 16 |
| 208 | Stress- and Pathogen-Induced Arabidopsis WRKY48 is a Transcriptional Activator that Represses Plant Basal Defense. <i>Molecular Plant</i> , 2008, 1, 459-470. | 3.9 | 146 |
| 209 | RLM3, a potential adaptor between specific TIR-NB-LRR receptors and DZC proteins. <i>Communicative and Integrative Biology</i> , 2008, 1, 59-61. | 0.6 | 16 |
| 210 | Toxic and signalling effects of oxalic acid. <i>Plant Signaling and Behavior</i> , 2008, 3, 746-748. | 1.2 | 24 |
| 211 | Exploiting Arabidopsis leaf orthistichy to dissect signalling pathways during plant-pathogen interactions. <i>Plant Signaling and Behavior</i> , 2008, 3, 740-742. | 1.2 | 2 |
| 212 | The interplay between MAMP and SA signaling. <i>Plant Signaling and Behavior</i> , 2008, 3, 359-361. | 1.2 | 33 |
| 213 | Horticultural applications of jasmonates. <i>Journal of Horticultural Science and Biotechnology</i> , 2008, 83, 283-304. | 0.9 | 136 |
| 214 | Tomato Susceptibility to Root-Knot Nematodes Requires an Intact Jasmonic Acid Signaling Pathway. <i>Molecular Plant-Microbe Interactions</i> , 2008, 21, 1205-1214. | 1.4 | 160 |
| 215 | Glycerol-3-Phosphate Levels Are Associated with Basal Resistance to the Hemibiotrophic Fungus <i>Colletotrichum higginsianum</i> in Arabidopsis. <i>Plant Physiology</i> , 2008, 147, 2017-2029. | 2.3 | 71 |
| 216 | <i>Arabidopsis</i> WRKY38 and WRKY62 Transcription Factors Interact with Histone Deacetylase 19 in Basal Defense. <i>Plant Cell</i> , 2008, 20, 2357-2371. | 3.1 | 481 |
| 217 | OsBIRH1, a DEAD-box RNA helicase with functions in modulating defence responses against pathogen infection and oxidative stress. <i>Journal of Experimental Botany</i> , 2008, 59, 2133-2146. | 2.4 | 122 |
| 218 | Differential transcript accumulation in <i>Cicer arietinum</i> L. in response to a chewing insect <i>Helicoverpa armigera</i> and defence regulators correlate with reduced insect performance. <i>Journal of Experimental Botany</i> , 2008, 59, 2379-2392. | 2.4 | 44 |
| 219 | New Weapons and a Rapid Response against Insect Attack. <i>Plant Physiology</i> , 2008, 146, 832-838. | 2.3 | 210 |
| 220 | Light Regulation and Daytime Dependency of Inducible Plant Defenses in Arabidopsis: Phytochrome Signaling Controls Systemic Acquired Resistance Rather Than Local Defense. <i>Plant Physiology</i> , 2008, 147, 790-801. | 2.3 | 236 |
| 221 | Genetic Resistance of Crops to Diseases. , 2008, , 23-170. | | 5 |
| 222 | The Chromatin Remodeler SPLAYED Regulates Specific Stress Signaling Pathways. <i>PLoS Pathogens</i> , 2008, 4, e1000237. | 2.1 | 129 |
| 223 | Powdery Mildew Resistance Conferred by Loss of the ENHANCED DISEASE RESISTANCE1 Protein Kinase Is Suppressed by a Missense Mutation in <i>KEEP ON GOING</i> , a Regulator of Abscisic Acid Signaling. <i>Plant Physiology</i> , 2008, 148, 1510-1522. | 2.3 | 68 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 224 | Jasmonate and Ethylene Signaling Pathway May Mediate Fusarium Head Blight Resistance in Wheat. <i>Crop Science</i> , 2008, 48, 1888-1896. | 0.8 | 108 |
| 225 | Apoplastic Polyamine Oxidation Plays Different Roles in Local Responses of Tobacco to Infection by the Necrotrophic Fungus <i>Sclerotinia sclerotiorum</i> and the Biotrophic Bacterium <i>Pseudomonas viridiflava</i> . <i>Plant Physiology</i> , 2008, 147, 2164-2178. | 2.3 | 105 |
| 226 | Activation of MAPK Kinase 9 Induces Ethylene and Camalexin Biosynthesis and Enhances Sensitivity to Salt Stress in Arabidopsis. <i>Journal of Biological Chemistry</i> , 2008, 283, 26996-27006. | 1.6 | 335 |
| 227 | OsWRKY62 is a Negative Regulator of Basal and Xa21-Mediated Defense against <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> in Rice. <i>Molecular Plant</i> , 2008, 1, 446-458. | 3.9 | 267 |
| 228 | The Powdery Mildew Disease of Arabidopsis: A Paradigm for the Interaction between Plants and Biotrophic Fungi. <i>The Arabidopsis Book</i> , 2008, 6, e0115. | 0.5 | 89 |
| 229 | Genome-Wide Expression Profiling Arabidopsis at the Stage of <i>Golovinomyces cichoracearum</i> Haustorium Formation. <i>Plant Physiology</i> , 2008, 146, 1421-1439. | 2.3 | 79 |
| 230 | Anion channel activity is necessary to induce ethylene synthesis and programmed cell death in response to oxalic acid. <i>Journal of Experimental Botany</i> , 2008, 59, 3121-3129. | 2.4 | 58 |
| 231 | A Role for AtWRKY23 in Feeding Site Establishment of Plant-Parasitic Nematodes. <i>Plant Physiology</i> , 2008, 148, 358-368. | 2.3 | 145 |
| 232 | Kinetics of Salicylate-Mediated Suppression of Jasmonate Signaling Reveal a Role for Redox Modulation. <i>Plant Physiology</i> , 2008, 147, 1358-1368. | 2.3 | 331 |
| 233 | <i>Pseudomonas syringae</i> Elicits Emission of the Terpenoid (E,E)-4,8,12-Trimethyl-1,3,7,11-Tridecatetraene in <i>Arabidopsis</i> Leaves Via Jasmonate Signaling and Expression of the Terpene Synthase TPS4. <i>Molecular Plant-Microbe Interactions</i> , 2008, 21, 1482-1497. | 1.4 | 45 |
| 234 | Towards a reporter system to identify regulators of cross-talk between salicylate and jasmonate signaling pathways in Arabidopsis. <i>Plant Signaling and Behavior</i> , 2008, 3, 543-546. | 1.2 | 33 |
| 235 | A Personal Perspective of the Last 40 Years of Plant Pathology: Emerging Themes, Paradigm Shifts and Future Promise. , 0, , 1-15. | | 0 |
| 236 | Signaling Pathways That Regulate the Enhanced Disease Resistance of <i>Arabidopsis</i> Defense, No Death Mutants. <i>Molecular Plant-Microbe Interactions</i> , 2008, 21, 1285-1296. | 1.4 | 92 |
| 237 | The Genetic Network Controlling the <i>Arabidopsis</i> Transcriptional Response to <i>Pseudomonas syringae</i> pv. <i>maculicola</i> : Roles of Major Regulators and the Phytotoxin Coronatine. <i>Molecular Plant-Microbe Interactions</i> , 2008, 21, 1408-1420. | 1.4 | 64 |
| 238 | Characterization of Nonhost Resistance of <i>Arabidopsis</i> to the Asian Soybean Rust. <i>Molecular Plant-Microbe Interactions</i> , 2008, 21, 1421-1430. | 1.4 | 83 |
| 239 | The Arg-Gly-Asp-Containing, Solvent-Exposed Loop of Ptr ToxA Is Required for Internalization. <i>Molecular Plant-Microbe Interactions</i> , 2008, 21, 315-325. | 1.4 | 79 |
| 240 | The <i>Pseudomonas syringae</i> Type III Effector HopAM1 Enhances Virulence on Water-Stressed Plants. <i>Molecular Plant-Microbe Interactions</i> , 2008, 21, 361-370. | 1.4 | 116 |
| 241 | Transgenic Production of Cytokinin Suppresses Bacterially Induced Hypersensitive Response Symptoms and Increases Antioxidative Enzyme Levels in <i>Nicotiana</i> spp.. <i>Phytopathology</i> , 2008, 98, 1242-1247. | 1.1 | 36 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 242 | The <i>Arabidopsis AtNPR1</i> Inversely Modulates Defense Responses Against Fungal, Bacterial, or Viral Pathogens While Conferring Hypersensitivity to Abiotic Stresses in Transgenic Rice. <i>Molecular Plant-Microbe Interactions</i> , 2008, 21, 1215-1231. | 1.4 | 165 |
| 243 | Pathogen Phytosensing: Plants to Report Plant Pathogens. <i>Sensors</i> , 2008, 8, 2628-2641. | 2.1 | 45 |
| 244 | <i>Phytophthora cinnamomi</i> and Australia's biodiversity: impacts, predictions and progress towards control. <i>Australian Journal of Botany</i> , 2008, 56, 279. | 0.3 | 234 |
| 245 | Molecular Aspects of Plant Disease Resistance. , 2008, , . | | 6 |
| 246 | The Moss <i>Physcomitrella patens</i> . , 2009, , . | | 1 |
| 249 | Environmental Sensitivity in Pathogen Resistant <i>Arabidopsis</i> Mutants. , 0, , 113-135. | | 9 |
| 250 | Influence of leaf herbivory, root herbivory, and pollination on plant performance in <i>Cucurbita moschata</i> . <i>Ecological Entomology</i> , 2009, 34, 144-152. | 1.1 | 37 |
| 251 | Analysis of Temperature Modulation of Plant Defense Against Biotrophic Microbes. <i>Molecular Plant-Microbe Interactions</i> , 2009, 22, 498-506. | 1.4 | 251 |
| 253 | Evidence for a positive regulatory role of strawberry (<i>Fragaria</i> — <i>ananassa</i>) Fa WRKY1 and <i>Arabidopsis AtWRKY75</i> proteins in resistance. <i>Journal of Experimental Botany</i> , 2009, 60, 3043-3065. | 2.4 | 136 |
| 254 | Incremental steps toward incompatibility revealed by <i>Arabidopsis</i> epistatic interactions modulating salicylic acid pathway activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 334-339. | 3.3 | 172 |
| 255 | Underexplored Niches in Research on Plant Pathogenic Bacteria. <i>Plant Physiology</i> , 2009, 150, 1631-1637. | 2.3 | 17 |
| 256 | The <i>Arabidopsis AtATAF1</i> , a NAC Transcription Factor, Is a Negative Regulator of Defense Responses Against Necrotrophic Fungal and Bacterial Pathogens. <i>Molecular Plant-Microbe Interactions</i> , 2009, 22, 1227-1238. | 1.4 | 204 |
| 257 | A common toxin fold mediates microbial attack and plant defense. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 10359-10364. | 3.3 | 224 |
| 258 | Ripening-Regulated Susceptibility of Tomato Fruit to <i>Botrytis cinerea</i> Requires <i>NOR</i> But Not <i>RIN</i> or Ethylene. <i>Plant Physiology</i> , 2009, 150, 1434-1449. | 2.3 | 152 |
| 259 | Phytohormones in plant root- <i>Piriformospora indica</i> mutualism. <i>Plant Signaling and Behavior</i> , 2009, 4, 669-671. | 1.2 | 44 |
| 260 | Chapter 15 Ecological Consequences of Plant Defence Signalling. <i>Advances in Botanical Research</i> , 2009, , 667-716. | 0.5 | 23 |
| 261 | Dynamics of Crop-Pathogen Interactions. , 2009, , 423-447. | | 3 |
| 262 | Methyl Salicylate Production and Jasmonate Signaling Are Not Essential for Systemic Acquired Resistance in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2009, 21, 954-971. | 3.1 | 208 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 263 | Analysis of Transcriptome Changes Induced by Ptr ToxA in Wheat Provides Insights into the Mechanisms of Plant Susceptibility. <i>Molecular Plant</i> , 2009, 2, 1067-1083. | 3.9 | 54 |
| 264 | Dual Roles of Reactive Oxygen Species and NADPH Oxidase RBOHD in an Arabidopsis- <i>Alternaria</i> Pathosystem. <i>Plant Physiology</i> , 2009, 151, 1459-1475. | 2.3 | 196 |
| 265 | Phytohormone-based activity mapping of insect herbivore-produced elicitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 653-657. | 3.3 | 229 |
| 266 | ABA Hypersensitive Germination2-1 Causes the Activation of Both Abscisic Acid and Salicylic Acid Responses in Arabidopsis. <i>Plant and Cell Physiology</i> , 2009, 50, 2112-2122. | 1.5 | 32 |
| 267 | Temporal Global Expression Data Reveal Known and Novel Salicylate-Impacted Processes and Regulators Mediating Powdery Mildew Growth and Reproduction on Arabidopsis. <i>Plant Physiology</i> , 2009, 149, 1435-1451. | 2.3 | 64 |
| 268 | Different Lepidopteran Elicitors Account for Cross-Talk in Herbivory-Induced Phytohormone Signaling. <i>Plant Physiology</i> , 2009, 150, 1576-1586. | 2.3 | 287 |
| 269 | Secretion of momilactone A and B by the moss <i>Hypnum plumaeforme</i> . <i>Plant Signaling and Behavior</i> , 2009, 4, 737-739. | 1.2 | 10 |
| 270 | HORMONOMETER: A Tool for Discerning Transcript Signatures of Hormone Action in the Arabidopsis Transcriptome. <i>Plant Physiology</i> , 2009, 150, 1796-1805. | 2.3 | 57 |
| 271 | Arabidopsis CaM Binding Protein CBP60g Contributes to MAMP-Induced SA Accumulation and Is Involved in Disease Resistance against <i>Pseudomonas syringae</i> . <i>PLoS Pathogens</i> , 2009, 5, e1000301. | 2.1 | 242 |
| 272 | DETORQUEO, QUIRKY, and ZERZAUST Represent Novel Components Involved in Organ Development Mediated by the Receptor-Like Kinase STRUBBELIG in Arabidopsis thaliana. <i>PLoS Genetics</i> , 2009, 5, e1000355. | 1.5 | 78 |
| 273 | A single gene, AIN, in <i>Medicago truncatula</i> mediates a hypersensitive response to both bluegreen aphid and pea aphid, but confers resistance only to bluegreen aphid. <i>Journal of Experimental Botany</i> , 2009, 60, 4115-4127. | 2.4 | 65 |
| 274 | A Virus-Induced Gene Silencing Screen Identifies a Role for Thylakoid Formation1 in <i>Pseudomonas syringae</i> pv tomato Symptom Development in Tomato and Arabidopsis. <i>Plant Physiology</i> , 2009, 152, 281-292. | 2.3 | 34 |
| 275 | Network Properties of Robust Immunity in Plants. <i>PLoS Genetics</i> , 2009, 5, e1000772. | 1.5 | 489 |
| 276 | Characterization of a canola C2 domain gene that interacts with PG, an effector of the necrotrophic fungus <i>Sclerotinia sclerotiorum</i> . <i>Journal of Experimental Botany</i> , 2009, 60, 2613-2620. | 2.4 | 20 |
| 277 | Pep1, a Secreted Effector Protein of <i>Ustilago maydis</i> , Is Required for Successful Invasion of Plant Cells. <i>PLoS Pathogens</i> , 2009, 5, e1000290. | 2.1 | 285 |
| 278 | Bax Inhibitor-1, a Conserved Cell Death Suppressor, Is a Key Molecular Switch Downstream from a Variety of Biotic and Abiotic Stress Signals in Plants. <i>International Journal of Molecular Sciences</i> , 2009, 10, 3149-3167. | 1.8 | 92 |
| 279 | Chapter 3 From Nonhost Resistance to Lesion-Mimic Mutants. <i>Advances in Botanical Research</i> , 2009, 51, 91-121. | 0.5 | 6 |
| 280 | Chapter 13 Adaptive Defense Responses to Pathogens and Insects. <i>Advances in Botanical Research</i> , 2009, 51, 551-612. | 0.5 | 68 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 281 | Induction of disease resistance in ornamental geophytes. <i>Israel Journal of Plant Sciences</i> , 2009, 57, 401-410. | 0.3 | 6 |
| 282 | The Fractionated Orthology of Bs2 and Rx/Gpa2 Supports Shared Synteny of Disease Resistance in the Solanaceae. <i>Genetics</i> , 2009, 182, 1351-1364. | 1.2 | 38 |
| 283 | E3 ubiquitin ligases and plant innate immunity. <i>Journal of Experimental Botany</i> , 2009, 60, 1123-1132. | 2.4 | 140 |
| 284 | Hormone (Dis)harmony Moulds Plant Health and Disease. <i>Science</i> , 2009, 324, 750-752. | 6.0 | 416 |
| 285 | Host small RNAs are big contributors to plant innate immunity. <i>Current Opinion in Plant Biology</i> , 2009, 12, 465-472. | 3.5 | 176 |
| 286 | Common and contrasting themes in host cell-targeted effectors from bacterial, fungal, oomycete and nematode plant symbionts described using the Gene Ontology. <i>BMC Microbiology</i> , 2009, 9, S3. | 1.3 | 38 |
| 287 | Programmed cell death in host-symbiont associations, viewed through the Gene Ontology. <i>BMC Microbiology</i> , 2009, 9, S5. | 1.3 | 17 |
| 288 | Comparative transcriptional survey between laser-microdissected cells from laminar abscission zone and petiolar cortical tissue during ethylene-promoted abscission in citrus leaves. <i>BMC Plant Biology</i> , 2009, 9, 127. | 1.6 | 76 |
| 289 | FORCA, a promoter element that responds to crosstalk between defense and light signaling. <i>BMC Plant Biology</i> , 2009, 9, 2. | 1.6 | 24 |
| 290 | A compatible interaction of <i>Alternaria brassicicola</i> with <i>Arabidopsis thaliana</i> ecotype DiG: evidence for a specific transcriptional signature. <i>BMC Plant Biology</i> , 2009, 9, 31. | 1.6 | 26 |
| 291 | Differential effectiveness of <i>Serratia plymuthica</i> IC1270-induced systemic resistance against hemibiotrophic and necrotrophic leaf pathogens in rice. <i>BMC Plant Biology</i> , 2009, 9, 9. | 1.6 | 55 |
| 293 | The jasmonate signaling pathway in tomato regulates susceptibility to a toxin-dependent necrotrophic pathogen. <i>Planta</i> , 2009, 229, 965-976. | 1.6 | 33 |
| 294 | Defense-related gene expression and enzyme activities in transgenic cotton plants expressing an endochitinase gene from <i>Trichoderma virens</i> in response to interaction with <i>Rhizoctonia solani</i> . <i>Planta</i> , 2009, 230, 277-291. | 1.6 | 83 |
| 295 | <i>Pythium</i> infection activates conserved plant defense responses in mosses. <i>Planta</i> , 2009, 230, 569-579. | 1.6 | 110 |
| 296 | Broad-spectrum disease resistance to necrotrophic and biotrophic pathogens in transgenic carrots (<i>Daucus carota</i> L.) expressing an <i>Arabidopsis</i> NPR1 gene. <i>Planta</i> , 2009, 231, 131-141. | 1.6 | 98 |
| 297 | Identification of putative defense-related genes in Japanese pear against <i>Alternaria alternata</i> infection using suppression subtractive hybridization and expression analysis. <i>Journal of General Plant Pathology</i> , 2009, 75, 119-124. | 0.6 | 9 |
| 298 | Molecular Mechanisms of Generation for Nitric Oxide and Reactive Oxygen Species, and Role of the Radical Burst in Plant Immunity. <i>Molecules and Cells</i> , 2009, 28, 321-330. | 1.0 | 94 |
| 299 | Role of plant hormones in plant defence responses. <i>Plant Molecular Biology</i> , 2009, 69, 473-488. | 2.0 | 2,187 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 300 | Early genomic responses to salicylic acid in Arabidopsis. <i>Plant Molecular Biology</i> , 2009, 70, 79-102. | 2.0 | 160 |
| 301 | Heterologous expression of OsWRKY23 gene enhances pathogen defense and dark-induced leaf senescence in Arabidopsis. <i>Plant Growth Regulation</i> , 2009, 58, 181-190. | 1.8 | 93 |
| 302 | Stress-induced allelopathic activity and momilactone B in rice. <i>Plant Growth Regulation</i> , 2009, 59, 153-158. | 1.8 | 18 |
| 303 | Rice OsOPRs: Transcriptional Profiling Responses to Diverse Environmental Stimuli and Biochemical Analysis of OsOPR1. <i>Journal of Plant Biology</i> , 2009, 52, 229-243. | 0.9 | 11 |
| 304 | Over-expression of the cell death regulator BAX inhibitor-1 in barley confers reduced or enhanced susceptibility to distinct fungal pathogens. <i>Theoretical and Applied Genetics</i> , 2009, 118, 455-463. | 1.8 | 83 |
| 305 | New proteins orthologous to cerato-platanin in various <i>Ceratocystis</i> species and the purification and characterization of cerato-populin from <i>Ceratocystis populicola</i> . <i>Applied Microbiology and Biotechnology</i> , 2009, 84, 309-322. | 1.7 | 28 |
| 306 | Jasmonate- and salicylate-mediated plant defense responses to insect herbivores, pathogens and parasitic plants. <i>Pest Management Science</i> , 2009, 65, 497-503. | 1.7 | 187 |
| 307 | Oxalic acid-mediated stress responses in <i>Brassica napus</i> L.. <i>Proteomics</i> , 2009, 9, 3156-3173. | 1.3 | 47 |
| 308 | Jasmonic acid does not mediate root growth responses to wounding in <i>Arabidopsis thaliana</i> . <i>Plant, Cell and Environment</i> , 2009, 33, 104-116. | 2.8 | 22 |
| 309 | PAMP-induced defense responses in potato require both salicylic acid and jasmonic acid. <i>Plant Journal</i> , 2009, 57, 230-242. | 2.8 | 102 |
| 310 | An important role of a BAHD acyl transferase-like protein in plant innate immunity. <i>Plant Journal</i> , 2009, 57, 1040-1053. | 2.8 | 64 |
| 311 | Heterotrimeric G proteins-mediated resistance to necrotrophic pathogens includes mechanisms independent of salicylic acid, jasmonic acid/ethylene and abscisic acid-mediated defense signaling. <i>Plant Journal</i> , 2009, 58, 69-81. | 2.8 | 149 |
| 312 | Crosstalk between biotic and abiotic stress responses in tomato is mediated by the <i>AIM1</i> transcription factor. <i>Plant Journal</i> , 2009, 58, 347-360. | 2.8 | 165 |
| 313 | <i>Fusarium oxysporum</i> hijacks COI1-mediated jasmonate signaling to promote disease development in Arabidopsis. <i>Plant Journal</i> , 2009, 58, 927-939. | 2.8 | 255 |
| 314 | The ZIM domain mediates homo- and heteromeric interactions between Arabidopsis JAZ proteins. <i>Plant Journal</i> , 2009, 59, 77-87. | 2.8 | 257 |
| 315 | Signal signature of aboveground-induced resistance upon belowground herbivory in maize. <i>Plant Journal</i> , 2009, 59, 292-302. | 2.8 | 244 |
| 316 | Antagonism between salicylic and abscisic acid reflects early host-pathogen conflict and moulds plant defence responses. <i>Plant Journal</i> , 2009, 59, 375-386. | 2.8 | 292 |
| 317 | Manipulation of plant innate immunity and gibberellin as factor of compatibility in the mutualistic association of barley roots with <i>Piriformospora indica</i> . <i>Plant Journal</i> , 2009, 59, 461-474. | 2.8 | 183 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 318 | Arabidopsis thaliana class-II TGA transcription factors are essential activators of jasmonic acid/ethylene-induced defense responses. <i>Plant Journal</i> , 2010, 61, 200-210. | 2.8 | 201 |
| 319 | Studies on the mechanism of resistance to <i>Bipolaris sorokiniana</i> in the barley lesion mimic mutant <i>bst1</i> . <i>Molecular Plant Pathology</i> , 2009, 10, 587-598. | 2.0 | 31 |
| 320 | Patterns of differential gene expression in <i>Brassica napus</i> cultivars infected with <i>Sclerotinia sclerotiorum</i> . <i>Molecular Plant Pathology</i> , 2009, 10, 635-649. | 2.0 | 140 |
| 321 | Bacterial chemoattraction towards jasmonate plays a role in the entry of <i>Dickeya dadantii</i> through wounded tissues. <i>Molecular Microbiology</i> , 2009, 74, 662-671. | 1.2 | 50 |
| 322 | A rapid wound signal activates the systemic synthesis of bioactive jasmonates in Arabidopsis. <i>Plant Journal</i> , 2009, 59, 974-986. | 2.8 | 370 |
| 323 | Chloroplast-generated reactive oxygen species play a major role in localized cell death during the non-host interaction between tobacco and <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> . <i>Plant Journal</i> , 2009, 60, 962-973. | 2.8 | 203 |
| 324 | Dual function of Arabidopsis ATAF1 in abiotic and biotic stress responses. <i>Cell Research</i> , 2009, 19, 1279-1290. | 5.7 | 354 |
| 325 | Networking by small-molecule hormones in plant immunity. <i>Nature Chemical Biology</i> , 2009, 5, 308-316. | 3.9 | 1,987 |
| 326 | Ectopic expression of MgSM1, a Cerato-platanin family protein from <i>Magnaporthe grisea</i> , confers broad-spectrum disease resistance in Arabidopsis. <i>Plant Biotechnology Journal</i> , 2009, 7, 763-777. | 4.1 | 90 |
| 327 | INF1 Elicitor Activates Jasmonic Acid- and Ethylene-mediated Signalling Pathways and Induces Resistance to Bacterial Wilt Disease in Tomato. <i>Journal of Phytopathology</i> , 2009, 157, 287-297. | 0.5 | 57 |
| 328 | Plant Disease Complex: Antagonism and Synergism Between Pathogens of the Ascochyta Blight Complex on Pea. <i>Journal of Phytopathology</i> , 2009, 157, 715-721. | 0.5 | 41 |
| 329 | Lack of the plant signalling component SGT1b enhances disease resistance to <i>Fusarium culmorum</i> in Arabidopsis buds and flowers. <i>New Phytologist</i> , 2009, 181, 901-912. | 3.5 | 27 |
| 330 | Layers of defense responses to <i>Leptosphaeria maculans</i> below the <i>RLM1</i> and camalexin-dependent resistances. <i>New Phytologist</i> , 2009, 182, 470-482. | 3.5 | 20 |
| 331 | <i>Fusarium graminearum</i> exploits ethylene signalling to colonize dicotyledonous and monocotyledonous plants. <i>New Phytologist</i> , 2009, 182, 975-983. | 3.5 | 108 |
| 332 | Ethylene contributes to potato aphid susceptibility in a compatible tomato host. <i>New Phytologist</i> , 2009, 183, 444-456. | 3.5 | 60 |
| 333 | Activation tagging of <i>ADR2</i> conveys a spreading lesion phenotype and resistance to biotrophic pathogens. <i>New Phytologist</i> , 2009, 183, 1163-1175. | 3.5 | 23 |
| 334 | Continua of specificity and virulence in plant host-pathogen interactions: causes and consequences. <i>New Phytologist</i> , 2009, 183, 513-529. | 3.5 | 176 |
| 335 | Wheat blast: histopathology and transcriptome reprogramming in response to adapted and nonadapted <i>Magnaporthe</i> isolates. <i>New Phytologist</i> , 2009, 184, 473-484. | 3.5 | 56 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 336 | The role of jasmonates in mutualistic symbioses between plants and soil-born microorganisms. <i>Phytochemistry</i> , 2009, 70, 1589-1599. | 1.4 | 146 |
| 337 | The power of mutants for investigating jasmonate biosynthesis and signaling. <i>Phytochemistry</i> , 2009, 70, 1539-1546. | 1.4 | 122 |
| 338 | Top hits in contemporary JAZ: An update on jasmonate signaling. <i>Phytochemistry</i> , 2009, 70, 1547-1559. | 1.4 | 158 |
| 339 | Molecular characterization of a defense-related AMP-binding protein gene, OsBIABP1, from rice. <i>Journal of Zhejiang University: Science B</i> , 2009, 10, 731-739. | 1.3 | 12 |
| 340 | Enhanced Defense Responses in Arabidopsis Induced by the Cell Wall Protein Fractions from <i>Pythium oligandrum</i> Require SGT1, RAR1, NPR1 and JAR1. <i>Plant and Cell Physiology</i> , 2009, 50, 924-934. | 1.5 | 47 |
| 341 | The YAP1 Homolog Mediated Oxidative Stress Tolerance Is Crucial for Pathogenicity of the Necrotrophic Fungus <i>Alternaria alternata</i> in Citrus. <i>Molecular Plant-Microbe Interactions</i> , 2009, 22, 942-952. | 1.4 | 121 |
| 342 | Brassinosteroids interact negatively with jasmonates in the formation of anti-herbivory traits in tomato. <i>Journal of Experimental Botany</i> , 2009, 60, 4347-4361. | 2.4 | 129 |
| 343 | Accumulation of Elicitor Activity in the Intercellular Fluid of the <i>Arabidopsis thaliana</i> len3 Mutant. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 2257-2260. | 0.6 | 0 |
| 344 | An Intact Cuticle in Distal Tissues Is Essential for the Induction of Systemic Acquired Resistance in Plants. <i>Cell Host and Microbe</i> , 2009, 5, 151-165. | 5.1 | 121 |
| 345 | Infection strategies of filamentous microbes described with the Gene Ontology. <i>Trends in Microbiology</i> , 2009, 17, 320-327. | 3.5 | 9 |
| 346 | The underestimated role of roots in defense against leaf attackers. <i>Trends in Plant Science</i> , 2009, 14, 653-659. | 4.3 | 162 |
| 347 | Burdock fructooligosaccharide induces resistance to tobacco mosaic virus in tobacco seedlings. <i>Physiological and Molecular Plant Pathology</i> , 2009, 74, 34-40. | 1.3 | 33 |
| 348 | Wild barley accumulates distinct sets of transcripts in response to pathogens of different trophic lifestyles. <i>Physiological and Molecular Plant Pathology</i> , 2009, 74, 91-98. | 1.3 | 9 |
| 349 | Coordinate control of oxidative stress tolerance, vegetative growth, and fungal pathogenicity via the API pathway in the rough lemon pathotype of <i>Alternaria alternata</i> . <i>Physiological and Molecular Plant Pathology</i> , 2009, 74, 100-110. | 1.3 | 41 |
| 350 | Differentially expressed transcripts from cucumber (<i>Cucumis sativus</i> L.) root upon inoculation with <i>Fusarium oxysporum</i> f. sp. <i>cucumerinum</i> Owen. <i>Physiological and Molecular Plant Pathology</i> , 2009, 74, 142-150. | 1.3 | 11 |
| 351 | Jasmonic acid, protein phosphatase inhibitor, metals and UV-irradiation increased momilactone A and B concentrations in the moss <i>Hypnum plumaeforme</i> . <i>Journal of Plant Physiology</i> , 2009, 166, 1118-1122. | 1.6 | 22 |
| 352 | Salicylic Acid, a Multifaceted Hormone to Combat Disease. <i>Annual Review of Phytopathology</i> , 2009, 47, 177-206. | 3.5 | 1,995 |
| 353 | Jasmonate Passes Muster: A Receptor and Targets for the Defense Hormone. <i>Annual Review of Plant Biology</i> , 2009, 60, 183-205. | 8.6 | 796 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 354 | Vesicle Trafficking in Plant Pathogen Defence. Signaling and Communication in Plants, 2009, , 287-301. | 0.5 | 2 |
| 355 | Priming Plant Defence Against Pathogens by Arbuscular Mycorrhizal Fungi. , 2009, , 123-135. | | 58 |
| 356 | Weights in the Balance: Jasmonic Acid and Salicylic Acid Signaling in Root-Biotroph Interactions. Molecular Plant-Microbe Interactions, 2009, 22, 763-772. | 1.4 | 148 |
| 357 | Chapter 5 Systemic Acquired Resistance. Advances in Botanical Research, 2009, , 173-222. | 0.5 | 69 |
| 358 | Transcriptome Analysis of a Wheat Near-Isogenic Line Pair Carrying Fusarium Head Blightâ€“Resistant and â€“Susceptible Alleles. Molecular Plant-Microbe Interactions, 2009, 22, 1366-1378. | 1.4 | 70 |
| 359 | Callose in Biotic Stress (Pathogenesis). , 2009, , 525-562. | | 10 |
| 360 | Poplar and Pathogen Interactions: Insights from <i>Populus</i> Genome-Wide Analyses of Resistance and Defense Gene Families and Gene Expression Profiling. Critical Reviews in Plant Sciences, 2009, 28, 309-334. | 2.7 | 97 |
| 361 | Cellular and Molecular Biology of Phytophthoraâ€“Plant Interactions. , 2009, , 4-27. | | 3 |
| 362 | Defence Responses in Plants. , 2009, , 363-385. | | 0 |
| 363 | Signal Perception and Transduction in Plants. , 2009, , 337-361. | | 3 |
| 364 | Chapter 14 Plant Volatiles in Defence. Advances in Botanical Research, 2009, , 613-666. | 0.5 | 53 |
| 365 | Population Genetics of Fungal and Oomycete Effectors Involved in Gene-for-Gene Interactions. Molecular Plant-Microbe Interactions, 2009, 22, 371-380. | 1.4 | 134 |
| 366 | Chapter 6 Rhizobacteria-Induced Systemic Resistance. Advances in Botanical Research, 2009, , 223-281. | 0.5 | 226 |
| 367 | Signaling in Plants. Signaling and Communication in Plants, 2009, , . | 0.5 | 1 |
| 368 | Crosstalk in Pathogen and Hormonal Regulation of Guard Cell Signaling. , 0, , 96-112. | | 6 |
| 369 | Hexanoic Acid-Induced Resistance Against <i>Botrytis cinerea</i> in Tomato Plants. Molecular Plant-Microbe Interactions, 2009, 22, 1455-1465. | 1.4 | 117 |
| 370 | Arabidopsis defense response against <i>Pseudomonas syringae</i> - Effects of major regulatory genes and the impact of coronatine. , 2009, , . | | 0 |
| 371 | Microbial Siderophores Exert a Subtle Role in Arabidopsis during Infection by Manipulating the Immune Response and the Iron Status Â. Plant Physiology, 2009, 150, 1687-1696. | 2.3 | 85 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 372 | A Critical Role for the TIFY Motif in Repression of Jasmonate Signaling by a Stabilized Splice Variant of the JASMONATE ZIM-Domain Protein JAZ10 in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2009, 21, 131-145. | 3.1 | 375 |
| 373 | Assessment of resistance components of bigleaf hydrangeas (<i>Hydrangea macrophylla</i>) to <i>Erysiphe polygoni</i> in vitro. <i>Canadian Journal of Plant Pathology</i> , 2009, 31, 348-355. | 0.8 | 9 |
| 374 | Lifestyles of the Effector Rich: Genome-Enabled Characterization of Bacterial Plant Pathogens. <i>Plant Physiology</i> , 2009, 150, 1623-1630. | 2.3 | 28 |
| 375 | <i>Ustilago maydis</i> as a Pathogen. <i>Annual Review of Phytopathology</i> , 2009, 47, 423-445. | 3.5 | 314 |
| 376 | Chapter 1 PAMP-Triggered Basal Immunity in Plants. <i>Advances in Botanical Research</i> , 2009, , 1-38. | 0.5 | 25 |
| 378 | Ethylene Modulates the Role of NONEXPRESSOR OF PATHOGENESIS-RELATED GENES1 in Cross Talk between Salicylate and Jasmonate Signaling. <i>Plant Physiology</i> , 2009, 149, 1797-1809. | 2.3 | 269 |
| 379 | Transcriptome Profiling in Hybrid Poplar Following Interactions with <i>Melampsora</i> Rust Fungi. <i>Molecular Plant-Microbe Interactions</i> , 2009, 22, 190-200. | 1.4 | 77 |
| 380 | Pathogenesis in Mosses. , 0, , 298-338. | | 1 |
| 381 | Global Gene Expression Profiling During <i>Medicago truncatula</i> – <i>Phymatotrichopsis omnivora</i> Interaction Reveals a Role for Jasmonic Acid, Ethylene, and the Flavonoid Pathway in Disease Development. <i>Molecular Plant-Microbe Interactions</i> , 2009, 22, 7-17. | 1.4 | 65 |
| 382 | Ammonium Secretion by <i>Colletotrichum coccodes</i> Activates Host NADPH Oxidase Activity Enhancing Host Cell Death and Fungal Virulence in Tomato Fruits. <i>Molecular Plant-Microbe Interactions</i> , 2009, 22, 1484-1491. | 1.4 | 65 |
| 383 | Overexpression of <i>Brassica napus</i> MPK4 Enhances Resistance to <i>Sclerotinia sclerotiorum</i> in Oilseed Rape. <i>Molecular Plant-Microbe Interactions</i> , 2009, 22, 235-244. | 1.4 | 135 |
| 384 | The <i>Arabidopsis</i> Patatin-Like Protein 2 (PLP2) Plays an Essential Role in Cell Death Execution and Differentially Affects Biosynthesis of Oxylipins and Resistance to Pathogens. <i>Molecular Plant-Microbe Interactions</i> , 2009, 22, 469-481. | 1.4 | 141 |
| 385 | A Host-Selective Toxin of <i>Pyrenophora tritici-repentis</i> , Ptr ToxA, Induces Photosystem Changes and Reactive Oxygen Species Accumulation in Sensitive Wheat. <i>Molecular Plant-Microbe Interactions</i> , 2009, 22, 665-676. | 1.4 | 92 |
| 386 | Partial Resistance of <i>Medicago truncatula</i> to <i>Aphanomyces euteiches</i> Is Associated with Protection of the Root Stele and Is Controlled by a Major QTL Rich in Proteasome-Related Genes. <i>Molecular Plant-Microbe Interactions</i> , 2009, 22, 1043-1055. | 1.4 | 82 |
| 387 | Bright-Field and Fluorescence Microscopic Study of Development of <i>Erysiphe polygoni</i> in Susceptible and Resistant Bigleaf Hydrangea. <i>Plant Disease</i> , 2009, 93, 130-134. | 0.7 | 9 |
| 388 | Fungus Gnat Feeding and Mechanical Wounding Inhibit <i>Pythium aphanidermatum</i> Infection of Geranium Seedlings. <i>Phytopathology</i> , 2009, 99, 1421-1428. | 1.1 | 9 |
| 389 | Indole-3-Acetic Acid Improves Postharvest Biological Control of Blue Mold Rot of Apple by <i>Cryptococcus laurentii</i> . <i>Phytopathology</i> , 2009, 99, 258-264. | 1.1 | 33 |
| 390 | A novel role of ammonia in appressorium formation of <i>Alternaria alternata</i> (Fries) Keissler, a tobacco pathogenic fungus. <i>Journal of Plant Diseases and Protection</i> , 2010, 117, 112-116. | 1.6 | 13 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 391 | Ethylene Signaling Renders the Jasmonate Response of <i>Arabidopsis</i> Insensitive to Future Suppression by Salicylic Acid. <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 187-197. | 1.4 | 169 |
| 392 | Involvement of Salicylate and Jasmonate Signaling Pathways in <i>Arabidopsis</i> Interaction with <i>Fusarium graminearum</i> . <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 861-870. | 1.4 | 150 |
| 393 | Abscisic Acid in Salt Stress Predisposition to Phytophthora Root and Crown Rot in Tomato and Chrysanthemum. <i>Phytopathology</i> , 2010, 100, 871-879. | 1.1 | 52 |
| 394 | A Putative RNA-Binding Protein Positively Regulates Salicylic Acid-Mediated Immunity in <i>Arabidopsis</i> . <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 1573-1583. | 1.4 | 45 |
| 395 | Morphological and Molecular Analyses of Host and Nonhost Interactions Involving Barley and Wheat and the Covered Smut Pathogen <i>Ustilago hordei</i> . <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 1619-1634. | 1.4 | 19 |
| 396 | Ascorbic Acid Deficiency in <i>Arabidopsis</i> Induces Constitutive Priming That is Dependent on Hydrogen Peroxide, Salicylic Acid, and the <i>NPR1</i> Gene. <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 340-351. | 1.4 | 93 |
| 397 | Salicylic Acid Is Involved in the <i>Nb</i> -Mediated Defense Responses to <i>Potato virus X</i> in <i>Solanum tuberosum</i> . <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 394-405. | 1.4 | 47 |
| 398 | Wounding-Induced <i>WRKY8</i> Is Involved in Basal Defense in <i>Arabidopsis</i> . <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 558-565. | 1.4 | 129 |
| 399 | Nitric Oxide Participates in the Complex Interplay of Defense-Related Signaling Pathways Controlling Disease Resistance to <i>Sclerotinia sclerotiorum</i> in <i>Arabidopsis thaliana</i> . <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 846-860. | 1.4 | 186 |
| 400 | <i>Methyl Esterase 1</i> (<i>StMES1</i>) Is Required for Systemic Acquired Resistance in Potato. <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 1151-1163. | 1.4 | 88 |
| 401 | Early Events Prior to Visual Symptoms in the Apoplectic Form of Grapevine Esca Disease. <i>Phytopathology</i> , 2010, 100, 424-431. | 1.1 | 60 |
| 402 | <i>Trichoderma harzianum</i> and <i>Glomus intraradices</i> Modify the Hormone Disruption Induced by <i>Fusarium oxysporum</i> Infection in Melon Plants. <i>Phytopathology</i> , 2010, 100, 682-688. | 1.1 | 54 |
| 403 | Engineering Pathogen Resistance in Crop Plants: Current Trends and Future Prospects. <i>Annual Review of Phytopathology</i> , 2010, 48, 269-291. | 3.5 | 164 |
| 404 | Studying Plant-Pathogen Interactions in the Genomics Era: Beyond Molecular Koch's Postulates to Systems Biology. <i>Annual Review of Phytopathology</i> , 2010, 48, 457-479. | 3.5 | 57 |
| 405 | A complex genetic network involving a broad-spectrum locus and strain-specific loci controls resistance to different pathotypes of <i>Aphanomyces euteiches</i> in <i>Medicago truncatula</i> . <i>Theoretical and Applied Genetics</i> , 2010, 120, 955-970. | 1.8 | 28 |
| 406 | Transcription factor profiling leading to the identification of putative transcription factors involved in the <i>Medicago truncatula</i> - <i>Uromyces striatus</i> interaction. <i>Theoretical and Applied Genetics</i> , 2010, 121, 1311-1321. | 1.8 | 17 |
| 407 | A tomato enzyme synthesizes (+)-7-iso-jasmonoyl-l-isoleucine in wounded leaves. <i>Planta</i> , 2010, 231, 717-728. | 1.6 | 78 |
| 408 | Expression and functional analysis of two genes encoding transcription factors, <i>VpWRKY1</i> and <i>VpWRKY2</i> , isolated from Chinese wild <i>Vitis pseudoreticulata</i> . <i>Planta</i> , 2010, 232, 1325-1337. | 1.6 | 121 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 409 | Fight to the death: <i>Arabidopsis thaliana</i> defense response to fungal necrotrophic pathogens. <i>Acta Physiologiae Plantarum</i> , 2010, 32, 1-10. | 1.0 | 33 |
| 410 | Influence of Feeding and Oviposition by Phytophagous Pentatomids on Photosynthesis of Herbaceous Plants. <i>Journal of Chemical Ecology</i> , 2010, 36, 629-641. | 0.9 | 55 |
| 411 | Identification of coffee WRKY transcription factor genes and expression profiling in resistance responses to pathogens. <i>Tree Genetics and Genomes</i> , 2010, 6, 767-781. | 0.6 | 34 |
| 412 | Nuclear targeted AtS40 modulates senescence associated gene expression in <i>Arabidopsis thaliana</i> during natural development and in darkness. <i>Plant Molecular Biology</i> , 2010, 73, 379-390. | 2.0 | 40 |
| 413 | Regulation of defence responses in avocado roots infected with <i>Phytophthora cinnamomi</i> (Rands). <i>Plant and Soil</i> , 2010, 331, 45-56. | 1.8 | 30 |
| 414 | Molecular Characterization of an Oomycete-Responsive PR-5 Protein Gene from <i>Zingiber zerumbet</i> . <i>Plant Molecular Biology Reporter</i> , 2010, 28, 128-135. | 1.0 | 22 |
| 415 | Characterization of Defense Signaling Pathways of <i>Brassica napus</i> and <i>Brassica carinata</i> in Response to <i>Sclerotinia sclerotiorum</i> Challenge. <i>Plant Molecular Biology Reporter</i> , 2010, 28, 253-263. | 1.0 | 26 |
| 416 | Proteomic studies of phytopathogenic fungi, oomycetes and their interactions with hosts. <i>European Journal of Plant Pathology</i> , 2010, 126, 81-95. | 0.8 | 53 |
| 417 | Phytoanticipins from banana (<i>Musa acuminata</i> cv. Grande Naine) plants, with antifungal activity against <i>Mycosphaerella fijiensis</i> , the causal agent of black Sigatoka. <i>European Journal of Plant Pathology</i> , 2010, 126, 459-463. | 0.8 | 16 |
| 418 | The effect of potential resistance inducers on development of <i>Microdochium majus</i> and <i>Fusarium culmorum</i> in winter wheat. <i>European Journal of Plant Pathology</i> , 2010, 128, 269-281. | 0.8 | 21 |
| 419 | Comparing signaling mechanisms engaged in pattern-triggered and effector-triggered immunity. <i>Current Opinion in Plant Biology</i> , 2010, 13, 459-465. | 3.5 | 705 |
| 420 | Differential gene expression in nearly isogenic lines with QTL for partial resistance to <i>Puccinia hordei</i> in barley. <i>BMC Genomics</i> , 2010, 11, 629. | 1.2 | 17 |
| 421 | Transcriptional regulation of the grape cytochrome P450 monooxygenase gene CYP736B expression in response to <i>Xylella fastidiosa</i> infection. <i>BMC Plant Biology</i> , 2010, 10, 135. | 1.6 | 23 |
| 422 | OCP3 is an important modulator of NPR1-mediated jasmonic acid-dependent induced defenses in <i>Arabidopsis</i> . <i>BMC Plant Biology</i> , 2010, 10, 199. | 1.6 | 46 |
| 423 | Roles of <i>Arabidopsis</i> WRKY18, WRKY40 and WRKY60 transcription factors in plant responses to abscisic acid and abiotic stress. <i>BMC Plant Biology</i> , 2010, 10, 281. | 1.6 | 441 |
| 424 | A plant natriuretic peptide-like molecule of the pathogen <i>Xanthomonas axonopodis</i> pv. <i>citricaus</i> rapid changes in the proteome of its citrus host. <i>BMC Plant Biology</i> , 2010, 10, 51. | 1.6 | 33 |
| 425 | Early detection and classification of plant diseases with Support Vector Machines based on hyperspectral reflectance. <i>Computers and Electronics in Agriculture</i> , 2010, 74, 91-99. | 3.7 | 692 |
| 426 | Vector and virus induce plant responses that benefit a non-vector herbivore. <i>Basic and Applied Ecology</i> , 2010, 11, 162-169. | 1.2 | 44 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 429 | Hypersensitiveâ€Like Response to the Poreâ€Former Peptaibol Alamethicin in <i>Arabidopsis Thaliana</i> . <i>ChemBioChem</i> , 2010, 11, 2042-2049. | 1.3 | 39 |
| 430 | Isolating intact chloroplasts from small <i>Arabidopsis</i> samples for proteomic studies. <i>Analytical Biochemistry</i> , 2010, 398, 198-202. | 1.1 | 44 |
| 431 | Stressâ€induced DNA methylation changes and their heritability in asexual dandelions. <i>New Phytologist</i> , 2010, 185, 1108-1118. | 3.5 | 582 |
| 432 | The immediate activation of defense responses in <i>Arabidopsis</i> roots is not sufficient to prevent <i>Phytophthora parasitica</i> infection. <i>New Phytologist</i> , 2010, 187, 449-460. | 3.5 | 107 |
| 433 | The <i>Pseudomonas syringae</i> effector protein HopZ1a suppresses effectorâ€triggered immunity. <i>New Phytologist</i> , 2010, 187, 1018-1033. | 3.5 | 52 |
| 434 | Managing the ecology of foliar pathogens: ecological tolerance in crops. <i>Annals of Applied Biology</i> , 2010, 157, 343-359. | 1.3 | 94 |
| 435 | Cinnamyl alcohol dehydrogenasesâ€C and D, key enzymes in lignin biosynthesis, play an essential role in disease resistance in <i>Arabidopsis</i> . <i>Molecular Plant Pathology</i> , 2010, 11, 83-92. | 2.0 | 229 |
| 436 | Ethylene perception via <i>ETR1</i> is required in <i>Arabidopsis</i> infection by <i>Verticillium dahliae</i> . <i>Molecular Plant Pathology</i> , 2010, 11, 191-202. | 2.0 | 73 |
| 437 | Parasitism by <i>Cuscuta pentagona</i> sequentially induces JA and SA defence pathways in tomato. <i>Plant, Cell and Environment</i> , 2010, 33, 290-303. | 2.8 | 67 |
| 438 | The <i>Arabidopsis</i> gene <i>SIGMA FACTORâ€BINDING PROTEIN 1</i> plays a role in the salicylateâ€and jasmonateâ€mediated defence responses. <i>Plant, Cell and Environment</i> , 2010, 33, 828-839. | 2.8 | 96 |
| 439 | Oxylipin channelling in <i>Nicotiana attenuata</i> : lipoxygenase 2 supplies substrates for green leaf volatile production. <i>Plant, Cell and Environment</i> , 2010, 33, 2028-2040. | 2.8 | 80 |
| 440 | The <i>Arabidopsis</i> defense component EDM2 affects the floral transition in an FLC-dependent manner. <i>Plant Journal</i> , 2010, 62, 518-528. | 2.8 | 54 |
| 441 | Insect eggs suppress plant defence against chewing herbivores. <i>Plant Journal</i> , 2010, 62, 876-885. | 2.8 | 202 |
| 442 | Tryptophan-derived secondary metabolites in <i>Arabidopsis thaliana</i> confer non-host resistance to necrotrophic <i>Plectosphaerella cucumerina</i> fungi. <i>Plant Journal</i> , 2010, 63, no-no. | 2.8 | 191 |
| 443 | A role for Δ^2 -sitosterol to stigmasterol conversion in plantâ€pathogen interactions. <i>Plant Journal</i> , 2010, 63, 254-268. | 2.8 | 134 |
| 444 | MAPK phosphatase MKP2 mediates disease responses in <i>Arabidopsis</i> and functionally interacts with MPK3 and MPK6. <i>Plant Journal</i> , 2010, 63, 1017-1030. | 2.8 | 117 |
| 445 | Mitogen-activated protein kinase 3 and 6 regulate <i>Botrytis cinerea</i> -induced ethylene production in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2010, 64, no-no. | 2.8 | 211 |
| 446 | Transcriptional reprogramming regulated by WRKY18 and WRKY40 facilitates powdery mildew infection of <i>Arabidopsis</i> . <i>Plant Journal</i> , 2010, 64, 912-923. | 2.8 | 241 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 447 | The Arabidopsis P450 protein CYP82C2 modulates jasmonate-induced root growth inhibition, defense gene expression and indole glucosinolate biosynthesis. <i>Cell Research</i> , 2010, 20, 539-552. | 5.7 | 58 |
| 448 | Natural allelic variation underlying a major fitness trade-off in <i>Arabidopsis thaliana</i> . <i>Nature</i> , 2010, 465, 632-636. | 13.7 | 378 |
| 449 | <i>Arabidopsis</i> and the plant immune system. <i>Plant Journal</i> , 2010, 61, 1053-1066. | 2.8 | 168 |
| 450 | Salicylate-induced modification of plant proteomes (review). <i>Applied Biochemistry and Microbiology</i> , 2010, 46, 241-252. | 0.3 | 15 |
| 451 | Molecular and histochemical characterisation of two distinct poplar <i>Melampsora</i> leaf rust pathosystems. <i>Plant Biology</i> , 2010, 12, 364-376. | 1.8 | 19 |
| 452 | Physiology and biophysics of plant ligand-gated ion channels. <i>Plant Biology</i> , 2010, 12, 80-93. | 1.8 | 69 |
| 453 | ROS in biotic interactions. <i>Physiologia Plantarum</i> , 2010, 138, 414-429. | 2.6 | 742 |
| 455 | Deficiencies in Jasmonate-Mediated Plant Defense Reveal Quantitative Variation in <i>Botrytis cinerea</i> Pathogenesis. <i>PLoS Pathogens</i> , 2010, 6, e1000861. | 2.1 | 141 |
| 456 | An eQTL Analysis of Partial Resistance to <i>Puccinia hordei</i> in Barley. <i>PLoS ONE</i> , 2010, 5, e8598. | 1.1 | 77 |
| 457 | Primary Metabolism of Chickpea Is the Initial Target of Wound Inducing Early Sensed <i>Fusarium oxysporum</i> f. sp. <i>ciceri</i> Race I. <i>PLoS ONE</i> , 2010, 5, e9030. | 1.1 | 58 |
| 458 | Creation of a Genome-Wide Metabolic Pathway Database for <i>Populus trichocarpa</i> Using a New Approach for Reconstruction and Curation of Metabolic Pathways for Plants. <i>Plant Physiology</i> , 2010, 153, 1479-1491. | 2.3 | 115 |
| 459 | Tissue-Adapted Invasion Strategies of the Rice Blast Fungus <i>Magnaporthe oryzae</i> . <i>Plant Cell</i> , 2010, 22, 3177-3187. | 3.1 | 179 |
| 460 | Jasmonate and Phytochrome A Signaling in <i>Arabidopsis</i> Wound and Shade Responses Are Integrated through JAZ1 Stability. <i>Plant Cell</i> , 2010, 22, 1143-1160. | 3.1 | 211 |
| 461 | The <i>Arabidopsis</i> <i>Botrytis</i> Susceptible1 Interactor Defines a Subclass of RING E3 Ligases That Regulate Pathogen and Stress Responses. <i>Plant Physiology</i> , 2010, 154, 1766-1782. | 2.3 | 95 |
| 462 | <i>Arabidopsis</i> Histone Methyltransferase SET DOMAIN GROUP8 Mediates Induction of the Jasmonate/Ethylene Pathway Genes in Plant Defense Response to Necrotrophic Fungi. <i>Plant Physiology</i> , 2010, 154, 1403-1414. | 2.3 | 181 |
| 463 | Differential Accumulation of Phytohormones in Wheat Seedlings Attacked by Avirulent and Virulent Hessian Fly (Diptera: Cecidomyiidae) Larvae. <i>Journal of Economic Entomology</i> , 2010, 103, 178-185. | 0.8 | 17 |
| 464 | Intersections between immune responses and morphological regulation in plants. <i>Journal of Experimental Botany</i> , 2010, 61, 2539-2547. | 2.4 | 8 |
| 465 | Resistant and Susceptible Responses in Tomato to Cyst Nematode are Differentially Regulated by Salicylic Acid. <i>Plant and Cell Physiology</i> , 2010, 51, 1524-1536. | 1.5 | 99 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 466 | Lipid Signaling in Plants. <i>Plant Cell Monographs</i> , 2010, , . | 0.4 | 14 |
| 467 | Unifying Themes in Microbial Associations with Animal and Plant Hosts Described Using the Gene Ontology. <i>Microbiology and Molecular Biology Reviews</i> , 2010, 74, 479-503. | 2.9 | 46 |
| 468 | Novel Bifunctional Nucleases, OmBBD and AtBBD1, Are Involved in Abscisic Acid-Mediated Callose Deposition in Arabidopsis. <i>Plant Physiology</i> , 2010, 152, 1015-1029. | 2.3 | 20 |
| 469 | Jasmonate-dependent expression of a galactinol synthase gene is involved in priming of systemic fungal resistance in <i>Arabidopsis thaliana</i> . <i>Botany</i> , 2010, 88, 452-461. | 0.5 | 27 |
| 470 | Age-Related Resistance of <i>Nicotiana benthamiana</i> Against Hemibiotrophic Pathogen <i>Phytophthora infestans</i> Requires Both Ethylene- and Salicylic Acid-Mediated Signaling Pathways. <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 1130-1142. | 1.4 | 113 |
| 471 | Disruption of the <i>Bcchs3a</i> Chitin Synthase Gene in <i>Botrytis cinerea</i> Is Responsible for Altered Adhesion and Overstimulation of Host Plant Immunity. <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 1324-1334. | 1.4 | 26 |
| 472 | Accumulation of Isochorismate-derived 2,3-Dihydroxybenzoic 3-O- β -D-Xyloside in Arabidopsis Resistance to Pathogens and Ageing of Leaves. <i>Journal of Biological Chemistry</i> , 2010, 285, 25654-25665. | 1.6 | 82 |
| 473 | Tryptophan-Derived Metabolites Are Required for Antifungal Defense in the Arabidopsis <i>mlo2</i> Mutant. <i>Plant Physiology</i> , 2010, 152, 1544-1561. | 2.3 | 121 |
| 474 | Living the Sweet Life: How Does a Plant Pathogenic Fungus Acquire Sugar from Plants?. <i>PLoS Biology</i> , 2010, 8, e1000308. | 2.6 | 52 |
| 475 | Network Modeling Reveals Prevalent Negative Regulatory Relationships between Signaling Sectors in Arabidopsis Immune Signaling. <i>PLoS Pathogens</i> , 2010, 6, e1001011. | 2.1 | 110 |
| 476 | A Novel High-Affinity Sucrose Transporter Is Required for Virulence of the Plant Pathogen <i>Ustilago maydis</i> . <i>PLoS Biology</i> , 2010, 8, e1000303. | 2.6 | 205 |
| 477 | Arachidonic Acid: An Evolutionarily Conserved Signaling Molecule Modulates Plant Stress Signaling Networks. <i>Plant Cell</i> , 2010, 22, 3193-3205. | 3.1 | 152 |
| 478 | The requirement for protein-O-mannosylation for <i>Ustilago maydis</i> virulence seems to be linked to intrinsic aspects of the infection process rather than an altered plant response. <i>Plant Signaling and Behavior</i> , 2010, 5, 412-414. | 1.2 | 7 |
| 479 | Cytoplasmic H ₂ O ₂ prevents translocation of NPR1 to the nucleus and inhibits the induction of PR genes in Arabidopsis. <i>Plant Signaling and Behavior</i> , 2010, 5, 1401-1406. | 1.2 | 34 |
| 480 | Insights into plant immunity signaling. <i>Plant Signaling and Behavior</i> , 2010, 5, 1590-1593. | 1.2 | 4 |
| 481 | Exchanging theas-1-like element of thePR-1promoter by theas-1element of the CaMV35Spromoter abolishes salicylic acid responsiveness and regulation by NPR1 and SN11. <i>Plant Signaling and Behavior</i> , 2010, 5, 1669-1671. | 1.2 | 0 |
| 482 | The Pepper 9-Lipoxygenase Gene <i>CaLOX1</i> Functions in Defense and Cell Death Responses to Microbial Pathogens. <i>Plant Physiology</i> , 2010, 152, 948-967. | 2.3 | 179 |
| 483 | The <i>glabra1</i> Mutation Affects Cuticle Formation and Plant Responses to Microbes. <i>Plant Physiology</i> , 2010, 154, 833-846. | 2.3 | 92 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 484 | Necrotroph Attacks on Plants: Wanton Destruction or Covert Extortion?. The Arabidopsis Book, 2010, 8, e0136. | 0.5 | 220 |
| 485 | Abscisic Acid-Induced Resistance against the Brown Spot Pathogen <i>Cochliobolus miyabeanus</i> in Rice Involves MAP Kinase-Mediated Repression of Ethylene Signaling. Plant Physiology, 2010, 152, 2036-2052. | 2.3 | 186 |
| 486 | Impact of Arbuscular Mycorrhizal Symbiosis on Plant Response to Biotic Stress: The Role of Plant Defence Mechanisms. , 2010, , 193-207. | | 89 |
| 487 | Plant Nematode Interaction: A Sophisticated Dialogue. Advances in Botanical Research, 2010, 53, 147-192. | 0.5 | 48 |
| 488 | All Mold Is Not Alike: The Importance of Intraspecific Diversity in Necrotrophic Plant Pathogens. PLoS Pathogens, 2010, 6, e1000759. | 2.1 | 23 |
| 489 | Arbuscular mycorrhizal networks: process and functions. A review. Agronomy for Sustainable Development, 2010, 30, 581-599. | 2.2 | 141 |
| 490 | Expression of <i>BvGFP-1</i> Encoding a Germin-Like Protein from Sugar Beet in <i>Arabidopsis thaliana</i> Leads to Resistance Against Phytopathogenic Fungi. Molecular Plant-Microbe Interactions, 2010, 23, 446-457. | 1.4 | 80 |
| 491 | Genome Expansion and Gene Loss in Powdery Mildew Fungi Reveal Tradeoffs in Extreme Parasitism. Science, 2010, 330, 1543-1546. | 6.0 | 725 |
| 492 | RNA profiling of fusarium head blight-resistant wheat addition lines containing the <i>Thinopyrum elongatum</i> chromosome 7E. Canadian Journal of Plant Pathology, 2010, 32, 188-214. | 0.8 | 40 |
| 493 | Plant Immunity: It's the Hormones Talking, But What Do They Say?. Plant Physiology, 2010, 154, 536-540. | 2.3 | 280 |
| 494 | <i>Arabidopsis</i> Auxin Mutants Are Compromised in Systemic Acquired Resistance and Exhibit Aberrant Accumulation of Various Indolic Compounds. Plant Physiology, 2010, 152, 1562-1573. | 2.3 | 93 |
| 495 | Plants versus pathogens: an evolutionary arms race. Functional Plant Biology, 2010, 37, 499. | 1.1 | 156 |
| 496 | Riboflavin induces resistance in rice against <i>Rhizoctonia solani</i> via jasmonate-mediated priming of phenylpropanoid pathway. Journal of Plant Physiology, 2010, 167, 201-208. | 1.6 | 187 |
| 497 | Expression analyses indicate the involvement of sunflower WRKY transcription factors in stress responses, and phylogenetic reconstructions reveal the existence of a novel clade in the Asteraceae. Plant Science, 2010, 178, 398-410. | 1.7 | 32 |
| 498 | Functional analysis and mode of action of phytotoxic Nep1-like proteins of <i>Botrytis cinerea</i> . Physiological and Molecular Plant Pathology, 2010, 74, 376-386. | 1.3 | 68 |
| 499 | Pathogenesis, parasitism and mutualism in the trophic space of microbe-plant interactions. Trends in Microbiology, 2010, 18, 365-373. | 3.5 | 278 |
| 500 | New Insights into the Shikimate and Aromatic Amino Acids Biosynthesis Pathways in Plants. Molecular Plant, 2010, 3, 956-972. | 3.9 | 545 |
| 501 | Plant defenses against parasitic plants show similarities to those induced by herbivores and pathogens. Plant Signaling and Behavior, 2010, 5, 929-931. | 1.2 | 32 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 502 | Understanding the Plant Immune System. <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 1531-1536. | 1.4 | 212 |
| 503 | Organization, anatomy, and fungal endophytes of a Triassic conifer embryo. <i>American Journal of Botany</i> , 2010, 97, 1873-1883. | 0.8 | 19 |
| 504 | Tomato Pathogenesis-related Protein Genes are Expressed in Response to <i>Trialeurodes vaporariorum</i> and <i>Bemisia tabaci</i> Biotype B Feeding. <i>Journal of Chemical Ecology</i> , 2010, 36, 1271-1285. | 0.9 | 79 |
| 506 | Huanglongbing, a Systemic Disease, Restructures the Bacterial Community Associated with Citrus Roots. <i>Applied and Environmental Microbiology</i> , 2010, 76, 3427-3436. | 1.4 | 101 |
| 508 | <i>Streptomyces scabies</i> 87-22 Contains a Coronafacic Acid-Like Biosynthetic Cluster That Contributes to Plant-Microbe Interactions. <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 161-175. | 1.4 | 101 |
| 509 | Non-host resistance responses of <i>Arabidopsis thaliana</i> to the coffee leaf rust fungus (<i>Hemileia vastatrix</i>). <i>Botany</i> , 2010, 88, 621-629. | 0.5 | 22 |
| 510 | Two BTB proteins function redundantly as negative regulators of defense against pathogens in <i>Arabidopsis</i> . <i>Botany</i> , 2010, 88, 953-960. | 0.5 | 10 |
| 511 | Nuclear proteomic changes linked to soybean rust resistance. <i>Molecular BioSystems</i> , 2011, 7, 773-783. | 2.9 | 39 |
| 512 | The Strawberry Plant Defense Mechanism: A Molecular Review. <i>Plant and Cell Physiology</i> , 2011, 52, 1873-1903. | 1.5 | 166 |
| 513 | A jacalin-related lectin-like gene in wheat is a component of the plant defence system. <i>Journal of Experimental Botany</i> , 2011, 62, 5471-5483. | 2.4 | 119 |
| 514 | Metabolic priming by a secreted fungal effector. <i>Nature</i> , 2011, 478, 395-398. | 13.7 | 509 |
| 515 | Tobacco Salicylic Acid Glucosyltransferase Is Active toward Tuberonic Acid (12-Hydroxyjasmonic Acid) and Is Induced by Mechanical Wounding Stress. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 2316-2320. | 0.6 | 16 |
| 516 | <i>Botrytis cinerea</i> Manipulates the Antagonistic Effects between Immune Pathways to Promote Disease Development in Tomato. <i>Plant Cell</i> , 2011, 23, 2405-2421. | 3.1 | 343 |
| 517 | Role of the 4-Phosphopantetheinyl Transferase of <i>Trichoderma virens</i> in Secondary Metabolism and Induction of Plant Defense Responses. <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 1459-1471. | 1.4 | 89 |
| 518 | Pectin Methyltransferase Is Induced in <i>Arabidopsis</i> upon Infection and Is Necessary for a Successful Colonization by Necrotrophic Pathogens. <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 432-440. | 1.4 | 146 |
| 519 | Advances in plant disease and pest management. <i>Journal of Agricultural Science</i> , 2011, 149, 91-114. | 0.6 | 78 |
| 520 | Suppression of <i>edr2</i> -mediated powdery mildew resistance, cell death and ethylene-induced senescence by mutations in <i>ALD1</i> in <i>Arabidopsis</i> . <i>Journal of Genetics and Genomics</i> , 2011, 38, 137-148. | 1.7 | 36 |
| 521 | The Plant Plasma Membrane. <i>Plant Cell Monographs</i> , 2011, , . | 0.4 | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 522 | The Role of Cyclic Nucleotide-Gated Ion Channels in Plant Immunity. <i>Molecular Plant</i> , 2011, 4, 442-452. | 3.9 | 125 |
| 523 | <i>Pectobacterium carotovorum</i> Elicits Plant Cell Death with DspE/F but the <i>P. carotovorum</i> DspE Does Not Suppress Callose or Induce Expression of Plant Genes Early in Plant-Microbe Interactions. <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 773-786. | 1.4 | 60 |
| 524 | The Sesquiterpene Botrydial Produced by <i>Botrytis cinerea</i> Induces the Hypersensitive Response on Plant Tissues and Its Action Is Modulated by Salicylic Acid and Jasmonic Acid Signaling. <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 888-896. | 1.4 | 96 |
| 525 | Priming Effects in Relation to Soil Conditions – Mechanisms. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 657-667. | 0.1 | 14 |
| 527 | Evolutionary analysis of glycosyl hydrolase family 28 (GH28) suggests lineage-specific expansions in necrotrophic fungal pathogens. <i>Gene</i> , 2011, 479, 29-36. | 1.0 | 56 |
| 528 | Can plant defensins be used to engineer durable commercially useful fungal resistance in crop plants?. <i>Fungal Biology Reviews</i> , 2011, 25, 128-135. | 1.9 | 46 |
| 529 | Jasmonate-Dependent and COI1-Independent Defense Responses Against <i>Sclerotinia sclerotiorum</i> in <i>Arabidopsis thaliana</i> : Auxin is Part of COI1-Independent Defense Signaling. <i>Plant and Cell Physiology</i> , 2011, 52, 1941-1956. | 1.5 | 56 |
| 530 | The complex interactions between host immunity and non-biotrophic fungal pathogens of wheat leaves. <i>Journal of Plant Physiology</i> , 2011, 168, 63-71. | 1.6 | 56 |
| 531 | Functional characterization of three ethylene response factor genes from <i>Bupleurum kanoi</i> indicates that BkERFs mediate resistance to <i>Botrytis cinerea</i> . <i>Journal of Plant Physiology</i> , 2011, 168, 375-381. | 1.6 | 22 |
| 532 | Effects of <i>Botrytis cinerea</i> and <i>Pseudomonas syringae</i> infection on the antioxidant profile of <i>Mesembryanthemum crystallinum</i> C3/CAM intermediate plant. <i>Journal of Plant Physiology</i> , 2011, 168, 1052-1059. | 1.6 | 20 |
| 533 | A survey on basal resistance and riboflavin-induced defense responses of sugar beet against <i>Rhizoctonia solani</i> . <i>Journal of Plant Physiology</i> , 2011, 168, 1114-1122. | 1.6 | 75 |
| 534 | Convergent or parallel molecular evolution of momilactone A and B: Potent allelochemicals, momilactones have been found only in rice and the moss <i>Hypnum plumaeforme</i> . <i>Journal of Plant Physiology</i> , 2011, 168, 1511-1516. | 1.6 | 31 |
| 535 | Implications of oligomeric forms of POD-1 and POD-2 proteins isolated from cell walls of the biocontrol agent <i>Pythium oligandrum</i> in relation to their ability to induce defense reactions in tomato. <i>Journal of Plant Physiology</i> , 2011, 168, 1972-1979. | 1.6 | 35 |
| 536 | Possible trade-off associated with the use of a combination of resistance elicitors. <i>Physiological and Molecular Plant Pathology</i> , 2011, 75, 188-192. | 1.3 | 23 |
| 537 | Induction of disease resistance against <i>Botrytis cinerea</i> by heat shock treatment in melon (<i>Cucumis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 1.3 | 24 |
| 538 | Correlations between disease severity, glucosinolate profiles and total phenolics and <i>Xanthomonas campestris</i> pv. <i>campestris</i> inoculation of different Brassicaceae. <i>Scientia Horticulturae</i> , 2011, 129, 503-510. | 1.7 | 37 |
| 539 | Jasmonate-induced defenses: a tale of intelligence, collaborators and rascals. <i>Trends in Plant Science</i> , 2011, 16, 249-257. | 4.3 | 243 |
| 540 | Glutathione as a signaling molecule - another challenge to pathogens. <i>Plant Signaling and Behavior</i> , 2011, 6, 783-788. | 1.2 | 65 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 542 | Arabidopsis WRKY28 transcription factor is required for resistance to necrotrophic pathogen, Botrytis cinerea. African Journal of Microbiology Research, 2011, 5, . | 0.4 | 10 |
| 543 | Some Effects of Abiotic Stress on Infection of Dyer's Woad (<i>Isatis tinctoria</i> L.) by <i>Puccinia thlaspeos</i> C. Schub.: Implications for Biological Control. American Journal of Agricultural and Biological Science, 2011, 6, 45-51. | 0.9 | 4 |
| 544 | Suppression of Salicylic Acid-Mediated Plant Defense Responses During Initial Infection of Dyer's Woad by <i>Puccinia thlaspeos</i> . American Journal of Agricultural and Biological Science, 2011, 6, 307-316. | 0.9 | 1 |
| 545 | Rewiring of the jasmonate signaling pathway in Arabidopsis during insect herbivory. Frontiers in Plant Science, 2011, 2, 47. | 1.7 | 155 |
| 546 | Transcriptional Plant Responses Critical for Resistance Towards Necrotrophic Pathogens. Frontiers in Plant Science, 2011, 2, 76. | 1.7 | 47 |
| 547 | Abiotic and Biotic Stress Response Crosstalk in Plants. , 0, , . | | 40 |
| 548 | HORMONAL SIGNALLING OF THE TRICHODERMA HARZIANUM-INDUCED RESISTANCE TO FUSARIUM OXYSPORUM AND GROWTH PROMOTION EFFECT IN MELON PLANTS. Acta Horticulturae, 2011, , 61-67. | 0.1 | 3 |
| 549 | Alkamides Activate Jasmonic Acid Biosynthesis and Signaling Pathways and Confer Resistance to Botrytis cinerea in Arabidopsis thaliana. PLoS ONE, 2011, 6, e27251. | 1.1 | 55 |
| 550 | Molecular Characterization of the Early Response of Orchid <i>Phalaenopsis amabilis</i> to <i>Erwinia Chrysanthemi</i> Infection. , 2011, , 283-308. | | 2 |
| 551 | Analysis of global host gene expression during the primary phase of the Arabidopsis thaliana-Plasmodiophora brassicae interaction. Functional Plant Biology, 2011, 38, 462. | 1.1 | 98 |
| 552 | Effects of Jasmonic Acid, Ethylene, and Salicylic Acid Signaling on the Rhizosphere Bacterial Community of <i>Arabidopsis thaliana</i> . Molecular Plant-Microbe Interactions, 2011, 24, 395-407. | 1.4 | 114 |
| 553 | <i>EMS1</i> - <i>Like</i> Genes Are Required for Full <i>RPP7</i> -Mediated Race-Specific Immunity and Basal Defense in <i>Arabidopsis</i> . Molecular Plant-Microbe Interactions, 2011, 24, 1573-1581. | 1.4 | 28 |
| 554 | Transcriptional Analysis of Soybean Root Response to <i>Fusarium virguliforme</i> , the Causal Agent of Sudden Death Syndrome. Molecular Plant-Microbe Interactions, 2011, 24, 958-972. | 1.4 | 60 |
| 555 | POLYPHENOLS INDUCTION IN THE DEFENSE RESPONSE OF CALLA LILY TOWARDS PECTOBACTERIUM CAROTOVORUM. Acta Horticulturae, 2011, , 409-415. | 0.1 | 0 |
| 556 | Write 'systemic small RNAs': read 'systemic immunity'. Functional Plant Biology, 2011, 38, 747. | 1.1 | 0 |
| 557 | Insights into Auxin Signaling in Plant-Pathogen Interactions. Frontiers in Plant Science, 2011, 2, 74. | 1.7 | 194 |
| 558 | Leaf stripe form of esca induces alteration of photosynthesis and defence reactions in presymptomatic leaves. Functional Plant Biology, 2011, 38, 856. | 1.1 | 60 |
| 559 | A Eucalyptus bacterial wilt isolate from South Africa is pathogenic on Arabidopsis and manipulates host defences. Forest Pathology, 2011, 41, 101-113. | 0.5 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 560 | Screening for resistance against <i>Pseudomonas syringae</i> in rice FOX Arabidopsis lines identified a putative receptor-like cytoplasmic kinase gene that confers resistance to major bacterial and fungal pathogens in Arabidopsis and rice. <i>Plant Biotechnology Journal</i> , 2011, 9, 466-485. | 4.1 | 68 |
| 561 | Genetic dissection of basal defence responsiveness in accessions of <i>Arabidopsis thaliana</i> . <i>Plant, Cell and Environment</i> , 2011, 34, 1191-1206. | 2.8 | 46 |
| 562 | Histology of waxflower (<i>Chamaelucium</i> spp.) flower infection by <i>Botrytis cinerea</i> . <i>Plant Pathology</i> , 2011, 60, 278-287. | 1.2 | 11 |
| 563 | The COP9 signalosome controls jasmonic acid synthesis and plant responses to herbivory and pathogens. <i>Plant Journal</i> , 2011, 65, 480-491. | 2.8 | 52 |
| 564 | A critical role of autophagy in plant resistance to necrotrophic fungal pathogens. <i>Plant Journal</i> , 2011, 66, 953-968. | 2.8 | 240 |
| 565 | The microRNA miR393 directs secondary metabolite biosynthesis away from camalexin and towards glucosinolates. <i>Plant Journal</i> , 2011, 67, 218-231. | 2.8 | 196 |
| 566 | Antagonistic role of lipoxygenase-derived oxylipins and ethylene in the control of oxidative stress, lipid peroxidation and plant defence. <i>Plant Journal</i> , 2011, 67, 447-458. | 2.8 | 84 |
| 567 | Pepper asparagine synthetase 1 (<i>CaAS1</i>) is required for plant nitrogen assimilation and defense responses to microbial pathogens. <i>Plant Journal</i> , 2011, 67, 749-762. | 2.8 | 89 |
| 568 | <i>Arabidopsis</i> ENHANCED DISEASE RESISTANCE 1 is required for pathogen-induced expression of plant defensins in nonhost resistance, and acts through interference of MYC2-mediated repressor function. <i>Plant Journal</i> , 2011, 67, 980-992. | 2.8 | 74 |
| 569 | ATG2, an autophagy-related protein, negatively affects powdery mildew resistance and mildew-induced cell death in Arabidopsis. <i>Plant Journal</i> , 2011, 68, 74-87. | 2.8 | 140 |
| 570 | The Arabidopsis extracellular UNUSUAL SERINE PROTEASE INHIBITOR functions in resistance to necrotrophic fungi and insect herbivory. <i>Plant Journal</i> , 2011, 68, 480-494. | 2.8 | 54 |
| 571 | The glutaredoxin ATGRXS13 is required to facilitate <i>Botrytis cinerea</i> infection of <i>Arabidopsis thaliana</i> plants. <i>Plant Journal</i> , 2011, 68, 507-519. | 2.8 | 106 |
| 572 | Rice 14-3-3 protein (GF14e) negatively affects cell death and disease resistance. <i>Plant Journal</i> , 2011, 68, 777-787. | 2.8 | 72 |
| 573 | <i>Arabidopsis thaliana</i> <i>cdd1</i> mutant uncouples the constitutive activation of salicylic acid signalling from growth defects. <i>Molecular Plant Pathology</i> , 2011, 12, 855-865. | 2.0 | 30 |
| 574 | Transcriptomic profiling of citrus fruit peel tissues reveals fundamental effects of phenylpropanoids and ethylene on induced resistance. <i>Molecular Plant Pathology</i> , 2011, 12, 879-897. | 2.0 | 56 |
| 575 | Elicitation of foliar resistance mechanisms transiently impairs root association with arbuscular mycorrhizal fungi. <i>Journal of Ecology</i> , 2011, 99, 36-45. | 1.9 | 69 |
| 576 | Fates of seedling carpets in an Amazonian floodplain forest: intra-cohort competition or attack by enemies?. <i>Journal of Ecology</i> , 2011, 99, 1045-1054. | 1.9 | 77 |
| 577 | Massive production of butanediol during plant infection by phytopathogenic bacteria of the genera <i>Dickeya</i> and <i>Pectobacterium</i> . <i>Molecular Microbiology</i> , 2011, 82, 988-997. | 1.2 | 48 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 578 | Systemic virus-induced gene silencing allows functional characterization of maize genes during biotrophic interaction with <i>Ustilago maydis</i> . <i>New Phytologist</i> , 2011, 189, 471-483. | 3.5 | 71 |
| 579 | Innate immunity: has poplar made its BED?. <i>New Phytologist</i> , 2011, 189, 678-687. | 3.5 | 29 |
| 580 | SGT1 regulates wounding- and herbivory-induced jasmonic acid accumulation and <i>Nicotiana attenuata</i> 's resistance to the specialist lepidopteran herbivore <i>Manduca sexta</i> . <i>New Phytologist</i> , 2011, 189, 1143-1156. | 3.5 | 36 |
| 581 | Cell-specific visualization of jasmonates in wounded tomato and <i>Arabidopsis</i> leaves using jasmonate-specific antibodies. <i>New Phytologist</i> , 2011, 190, 1069-1080. | 3.5 | 39 |
| 582 | Incidence of Fungal Necrotrophic and Biotrophic Pathogens in Pioneer and Shade-tolerant Tropical Rain Forest Trees. <i>Biotropica</i> , 2011, 43, 604-611. | 0.8 | 2 |
| 583 | Salicylic Acid and its Function in Plant Immunity ^F . <i>Journal of Integrative Plant Biology</i> , 2011, 53, 412-428. | 4.1 | 440 |
| 584 | Two putatively homoeologous wheat genes mediate recognition of SnTox3 to confer effector-triggered susceptibility to <i>Stagonospora nodorum</i> . <i>Plant Journal</i> , 2011, 65, 27-38. | 2.8 | 65 |
| 585 | Role of camalexin, indole glucosinolates, and side chain modification of glucosinolate-derived isothiocyanates in defense of <i>Arabidopsis</i> against <i>Sclerotinia sclerotiorum</i> . <i>Plant Journal</i> , 2011, 67, 81-93. | 2.8 | 198 |
| 586 | Decomposer animals induce differential expression of defence and auxin-responsive genes in plants. <i>Soil Biology and Biochemistry</i> , 2011, 43, 1130-1138. | 4.2 | 24 |
| 587 | Multiple-disease resistance in <i>Vicia faba</i> : Multi-environment field testing for identification of combined resistance to rust and chocolate spot. <i>Field Crops Research</i> , 2011, 124, 59-65. | 2.3 | 21 |
| 588 | A Plasmodesmata-Localized Protein Mediates Crosstalk between Cell-to-Cell Communication and Innate Immunity in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2011, 23, 3353-3373. | 3.1 | 250 |
| 589 | Hormone Crosstalk in Plant Disease and Defense: More Than Just JASMONATE-SALICYLATE Antagonism. <i>Annual Review of Phytopathology</i> , 2011, 49, 317-343. | 3.5 | 1,564 |
| 590 | Biochemical and Genetic Requirements for Function of the Immune Response Regulator BOTRYTIS-INDUCED KINASE1 in Plant Growth, Ethylene Signaling, and PAMP-Triggered Immunity in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2011, 23, 2831-2849. | 3.1 | 140 |
| 591 | Influence of nitric oxide and reactive oxygen species on development of lettuce downy mildew in <i>Lactuca</i> spp.. <i>European Journal of Plant Pathology</i> , 2011, 129, 267-280. | 0.8 | 32 |
| 592 | Identification of genes expressed during the compatible interaction of grapevine with <i>Plasmopara viticola</i> through suppression subtractive hybridization (SSH). <i>European Journal of Plant Pathology</i> , 2011, 129, 281-301. | 0.8 | 28 |
| 593 | Cytomolecular aspects of rice sheath blight caused by <i>Rhizoctonia solani</i> . <i>European Journal of Plant Pathology</i> , 2011, 129, 511-528. | 0.8 | 56 |
| 594 | Metabolomics technology to phenotype resistance in barley against <i>Gibberella zeae</i> . <i>European Journal of Plant Pathology</i> , 2011, 130, 29-43. | 0.8 | 68 |
| 595 | Functional imaging of biophoton responses of plants to fungal infection. <i>European Journal of Plant Pathology</i> , 2011, 130, 249-258. | 0.8 | 10 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 596 | An <i>Ulva armoricana</i> extract protects plants against three powdery mildew pathogens. <i>European Journal of Plant Pathology</i> , 2011, 131, 393-401. | 0.8 | 90 |
| 597 | Transcriptional profiling of watermelon during its incompatible interaction with <i>Fusarium oxysporum</i> f. sp. <i>niveum</i> . <i>European Journal of Plant Pathology</i> , 2011, 131, 585-601. | 0.8 | 40 |
| 598 | Durable resistance to the wheat rusts: integrating systems biology and traditional phenotype-based research methods to guide the deployment of resistance genes. <i>Euphytica</i> , 2011, 179, 69-79. | 0.6 | 83 |
| 599 | Construction and functional analysis of pathogen-inducible synthetic promoters in <i>Brassica napus</i> . <i>Biologia Plantarum</i> , 2011, 55, . | 1.9 | 17 |
| 600 | Two GCC boxes and AP2/ERF-domain transcription factor ORA59 in jasmonate/ethylene-mediated activation of the PDF1.2 promoter in <i>Arabidopsis</i> . <i>Plant Molecular Biology</i> , 2011, 75, 321-331. | 2.0 | 233 |
| 601 | Cloning and characterization of a calcium binding EF-hand protein gene <i>TaCab1</i> from wheat and its expression in response to <i>Puccinia striiformis</i> f. sp. <i>tritici</i> and abiotic stresses. <i>Molecular Biology Reports</i> , 2011, 38, 3857-3866. | 1.0 | 51 |
| 602 | <i>Nicotiana tabacum</i> overexpressing \hat{I}^3 -ECS exhibits biotic stress tolerance likely through NPR1-dependent salicylic acid-mediated pathway. <i>Planta</i> , 2011, 233, 895-910. | 1.6 | 68 |
| 603 | <i>Vitis vinifera</i> VvNPR1.1 is the functional ortholog of AtNPR1 and its overexpression in grapevine triggers constitutive activation of PR genes and enhanced resistance to powdery mildew. <i>Planta</i> , 2011, 234, 405-417. | 1.6 | 72 |
| 604 | <i>Arabidopsis</i> Cell Death in Compatible and Incompatible Interactions with <i>Alternaria brassicicola</i> . <i>Molecules and Cells</i> , 2011, 31, 593-602. | 1.0 | 21 |
| 605 | The roles of ABA in plant-pathogen interactions. <i>Journal of Plant Research</i> , 2011, 124, 489-499. | 1.2 | 305 |
| 606 | Natural genetic and induced plant resistance, as a control strategy to plant-parasitic nematodes alternative to pesticides. <i>Plant Cell Reports</i> , 2011, 30, 311-323. | 2.8 | 71 |
| 607 | Analysis of expressed sequence tags derived from a compatible <i>Mycosphaerella fijiensis</i> -banana interaction. <i>Plant Cell Reports</i> , 2011, 30, 913-928. | 2.8 | 33 |
| 608 | Differential expression of <i>Phaseolus vulgaris</i> genes induced during the interaction with <i>Rhizoctonia solani</i> . <i>Plant Cell Reports</i> , 2011, 30, 1465-1473. | 2.8 | 35 |
| 609 | Overexpression of a resveratrol synthase gene (<i>PcRS</i>) from <i>Polygonum cuspidatum</i> in transgenic <i>Arabidopsis</i> causes the accumulation of trans-piceid with antifungal activity. <i>Plant Cell Reports</i> , 2011, 30, 2027-2036. | 2.8 | 38 |
| 610 | Positional cloning of <i>ds1</i> , the target leaf spot resistance gene against <i>Bipolaris sorghicola</i> in sorghum. <i>Theoretical and Applied Genetics</i> , 2011, 123, 131-142. | 1.8 | 32 |
| 611 | Comparative analysis of putative pathogenesis-related gene expression in two <i>Rhizoctonia solani</i> pathosystems. <i>Current Genetics</i> , 2011, 57, 391-408. | 0.8 | 21 |
| 612 | Abscisic acid enhances resistance to <i>Alternaria solani</i> in tomato seedlings. <i>Plant Physiology and Biochemistry</i> , 2011, 49, 693-700. | 2.8 | 120 |
| 613 | Ovipositing <i>Orius laevigatus</i> increase tomato resistance against <i>Frankliniella occidentalis</i> feeding by inducing the wound response. <i>Arthropod-Plant Interactions</i> , 2011, 5, 71-80. | 0.5 | 40 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 614 | WRKY Transcription Factors Involved in Activation of SA Biosynthesis Genes. <i>BMC Plant Biology</i> , 2011, 11, 89. | 1.6 | 174 |
| 615 | Investigating Eucalyptus' pathogen and pest interactions to dissect broad spectrum defense mechanisms. <i>BMC Proceedings</i> , 2011, 5, . | 1.8 | 1 |
| 616 | Identification of genes differentially expressed in a resistant reaction to <i>Mycosphaerella pinodes</i> in pea using microarray technology. <i>BMC Genomics</i> , 2011, 12, 28. | 1.2 | 77 |
| 617 | Suppression of Fe deficiency gene expression by jasmonate. <i>Plant Physiology and Biochemistry</i> , 2011, 49, 530-536. | 2.8 | 84 |
| 618 | Glutathione Deficiency of the Arabidopsis Mutant <i>pad2-1</i> Affects Oxidative Stress-Related Events, Defense Gene Expression, and the Hypersensitive Response. <i>Plant Physiology</i> , 2011, 157, 2000-2012. | 2.3 | 90 |
| 619 | Effector-triggered immunity blocks pathogen degradation of an immunity-associated vesicle traffic regulator in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 10774-10779. | 3.3 | 197 |
| 620 | Broad-Spectrum Suppression of Innate Immunity Is Required for Colonization of Arabidopsis Roots by the Fungus <i>Piriformospora indica</i> . <i>Plant Physiology</i> , 2011, 156, 726-740. | 2.3 | 296 |
| 621 | The Role of the Plant Plasma Membrane in Microbial Sensing and Innate Immunity. <i>Plant Cell Monographs</i> , 2011, , 471-483. | 0.4 | 7 |
| 622 | ZmPep1, an Ortholog of Arabidopsis Elicitor Peptide 1, Regulates Maize Innate Immunity and Enhances Disease Resistance. <i>Plant Physiology</i> , 2011, 155, 1325-1338. | 2.3 | 160 |
| 623 | The Moss <i>Physcomitrella patens</i> as a Model System to Study Interactions between Plants and Phytopathogenic Fungi and Oomycetes. <i>Journal of Pathogens</i> , 2011, 2011, 1-6. | 0.9 | 26 |
| 624 | RNA-Seq Analysis of a Soybean Near-Isogenic Line Carrying Bacterial Leaf Pustule-Resistant and -Susceptible Alleles. <i>DNA Research</i> , 2011, 18, 483-497. | 1.5 | 96 |
| 625 | Hexose Transporters of a Hemibiotrophic Plant Pathogen. <i>Journal of Biological Chemistry</i> , 2011, 286, 20913-20922. | 1.6 | 46 |
| 626 | The <i>Bphi008a</i> Gene Interacts with the Ethylene Pathway and Transcriptionally Regulates <i>MAPK</i> Genes in the Response of Rice to Brown Planthopper Feeding. <i>Plant Physiology</i> , 2011, 156, 856-872. | 2.3 | 61 |
| 627 | New insights into the signaling pathways controlling defense gene expression in rice roots during the arbuscular mycorrhizal symbiosis. <i>Plant Signaling and Behavior</i> , 2011, 6, 553-557. | 1.2 | 20 |
| 628 | Glutathione signaling acts through NPR1-dependent SA-mediated pathway to mitigate biotic stress. <i>Plant Signaling and Behavior</i> , 2011, 6, 607-609. | 1.2 | 25 |
| 629 | Expanded functions for a family of plant intracellular immune receptors beyond specific recognition of pathogen effectors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16463-16468. | 3.3 | 346 |
| 630 | Identity, regulation, and activity of inducible diterpenoid phytoalexins in maize. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5455-5460. | 3.3 | 241 |
| 631 | Changes in Phytohormones and Fatty Acids in Wheat and Rice Seedlings in Response to Hessian Fly (Diptera: Cecidomyiidae) Infestation. <i>Journal of Economic Entomology</i> , 2011, 104, 1384-1392. | 0.8 | 19 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 632 | The <i>Arabidopsis</i> Glucosyltransferase UGT76B1 Conjugates Isoleucic Acid and Modulates Plant Defense and Senescence. <i>Plant Cell</i> , 2011, 23, 4124-4145. | 3.1 | 186 |
| 633 | Linked, if Not the Same, <i>Mi-1</i> Homologues Confer Resistance to Tomato Powdery Mildew and Root-Knot Nematodes. <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 441-450. | 1.4 | 32 |
| 634 | The Soybean <i>Rhg1</i> Locus for Resistance to the Soybean Cyst Nematode <i>Heterodera glycines</i> Regulates the Expression of a Large Number of Stress- and Defense-Related Genes in Degenerating Feeding Cells. <i>Plant Physiology</i> , 2011, 155, 1960-1975. | 2.3 | 102 |
| 635 | The Jasmonate Pathway Is a Key Player in Systemically Induced Defense against Root Knot Nematodes in Rice. <i>Plant Physiology</i> , 2011, 157, 305-316. | 2.3 | 318 |
| 636 | Low Oleic Acid-Derived Repression of Jasmonic Acid-Inducible Defense Responses Requires the WRKY50 and WRKY51 Proteins. <i>Plant Physiology</i> , 2011, 155, 464-476. | 2.3 | 242 |
| 637 | Anti-Apoptotic Machinery Protects the Necrotrophic Fungus <i>Botrytis cinerea</i> from Host-Induced Apoptotic-Like Cell Death during Plant Infection. <i>PLoS Pathogens</i> , 2011, 7, e1002185. | 2.1 | 147 |
| 638 | The pathogenic white-rot fungus <i>Heterobasidion parviporum</i> triggers non-specific defence responses in the bark of Norway spruce. <i>Tree Physiology</i> , 2011, 31, 1262-1272. | 1.4 | 22 |
| 639 | Proteome analysis of the <i>Albugo candida</i> – <i>Brassica juncea</i> pathosystem reveals that the timing of the expression of defence-related genes is a crucial determinant of pathogenesis. <i>Journal of Experimental Botany</i> , 2011, 62, 1285-1298. | 2.4 | 39 |
| 640 | Combining Genome-Wide Association Mapping and Transcriptional Networks to Identify Novel Genes Controlling Glucosinolates in <i>Arabidopsis thaliana</i> . <i>PLoS Biology</i> , 2011, 9, e1001125. | 2.6 | 246 |
| 641 | Overexpression of <i>Arabidopsis</i> ACBP3 Enhances NPR1-Dependent Plant Resistance to <i>Pseudomonas syringae</i> pv <i>tomato</i> DC3000. <i>Plant Physiology</i> , 2011, 156, 2069-2081. | 2.3 | 101 |
| 642 | <i>Ustilago maydis</i> : Dissecting the Molecular Interface between Pathogen and Plant. <i>PLoS Pathogens</i> , 2012, 8, e1002955. | 2.1 | 95 |
| 643 | Effect of Silicon Absorption on Soybean Resistance to <i>Phakopsora pachyrhizi</i> in Different Cultivars. <i>Plant Disease</i> , 2012, 96, 37-42. | 0.7 | 54 |
| 644 | Control of <i>Aspergillus niger</i> infection in varieties of <i>Arachis hypogaea</i> L. by supplementation of zinc ions during seed germination. <i>Archives of Phytopathology and Plant Protection</i> , 2012, 45, 1464-1478. | 0.6 | 6 |
| 645 | Compatibility in Biotrophic Plant–Fungal Interactions: <i>Ustilago maydis</i> and Friends. <i>Signaling and Communication in Plants</i> , 2012, , 213-238. | 0.5 | 2 |
| 646 | The <i>Ustilago maydis</i> Effector Pep1 Suppresses Plant Immunity by Inhibition of Host Peroxidase Activity. <i>PLoS Pathogens</i> , 2012, 8, e1002684. | 2.1 | 335 |
| 647 | Identification of Soybean Genotypes Resistant to <i>Fusarium graminearum</i> and Genetic Mapping of Resistance Quantitative Trait Loci in the Cultivar Conrad. <i>Crop Science</i> , 2012, 52, 2224-2233. | 0.8 | 28 |
| 648 | Silencing and Innate Immunity in Plant Defense Against Viral and Non-Viral Pathogens. <i>Viruses</i> , 2012, 4, 2578-2597. | 1.5 | 214 |
| 649 | Genome-Wide Characterization of ISR Induced in <i>Arabidopsis thaliana</i> by <i>Trichoderma hamatum</i> T382 Against <i>Botrytis cinerea</i> Infection. <i>Frontiers in Plant Science</i> , 2012, 3, 108. | 1.7 | 209 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 650 | Early Senescence and Cell Death in Arabidopsis <i>saul1</i> Mutants Involves the <i>PAD4</i> -Dependent Salicylic Acid Pathway. <i>Plant Physiology</i> , 2012, 159, 1477-1487. | 2.3 | 77 |
| 651 | JAZ8 Lacks a Canonical Degron and Has an EAR Motif That Mediates Transcriptional Repression of Jasmonate Responses in Arabidopsis. <i>Plant Cell</i> , 2012, 24, 536-550. | 3.1 | 214 |
| 652 | The rice ERF transcription factor OsERF922 negatively regulates resistance to <i>Magnaporthe oryzae</i> and salt tolerance. <i>Journal of Experimental Botany</i> , 2012, 63, 3899-3911. | 2.4 | 257 |
| 653 | A NAC transcription factor and SNI1 cooperatively suppress basal pathogen resistance in Arabidopsis thaliana. <i>Nucleic Acids Research</i> , 2012, 40, 9182-9192. | 6.5 | 49 |
| 654 | Two Novel RING-Type Ubiquitin Ligases, RGLG3 and RGLG4, Are Essential for Jasmonate-Mediated Responses in Arabidopsis. <i>Plant Physiology</i> , 2012, 160, 808-822. | 2.3 | 37 |
| 655 | The Calmodulin-Binding Transcription Factor SIGNAL RESPONSIVE1 is a Novel Regulator of Glucosinolate Metabolism and Herbivory Tolerance in Arabidopsis. <i>Plant and Cell Physiology</i> , 2012, 53, 2008-2015. | 1.5 | 58 |
| 656 | Insect oral secretions suppress wound-induced responses in Arabidopsis. <i>Journal of Experimental Botany</i> , 2012, 63, 727-737. | 2.4 | 127 |
| 657 | Root and shoot gas exchange respond additively to moderate ozone and methyl jasmonate without induction of ethylene: ethylene is induced at higher O ₃ concentrations. <i>Journal of Experimental Botany</i> , 2012, 63, 4303-4313. | 2.4 | 17 |
| 658 | Structural and Functional Analysis of VQ Motif-Containing Proteins in Arabidopsis as Interacting Proteins of WRKY Transcription Factors. <i>Plant Physiology</i> , 2012, 159, 810-825. | 2.3 | 216 |
| 659 | The ABA-INSENSITIVE-4 (ABI4) transcription factor links redox, hormone and sugar signaling pathways. <i>Plant Signaling and Behavior</i> , 2012, 7, 276-281. | 1.2 | 40 |
| 660 | Elevated Carbon Dioxide Increases Salicylic Acid in <i>Glycine max</i> . <i>Environmental Entomology</i> , 2012, 41, 1435-1442. | 0.7 | 38 |
| 661 | Disease resistance to <i>Pectobacterium carotovorum</i> is negatively modulated by the Arabidopsis Lectin Receptor Kinase LecRK-V.5. <i>Plant Signaling and Behavior</i> , 2012, 7, 1070-1072. | 1.2 | 32 |
| 662 | Identification of Natural Diterpenes that Inhibit Bacterial Wilt Disease in Tobacco, Tomato and Arabidopsis. <i>Plant and Cell Physiology</i> , 2012, 53, 1432-1444. | 1.5 | 60 |
| 663 | Proteomic Analysis of Mn-induced Resistance to Powdery Mildew in Grapevine. <i>Journal of Experimental Botany</i> , 2012, 63, 5155-5170. | 2.4 | 43 |
| 664 | Rhamnolipids Elicit Defense Responses and Induce Disease Resistance against Biotrophic, Hemibiotrophic, and Necrotrophic Pathogens That Require Different Signaling Pathways in Arabidopsis and Highlight a Central Role for Salicylic Acid. <i>Plant Physiology</i> , 2012, 160, 1630-1641. | 2.3 | 115 |
| 665 | Salicylic Acid Regulates Basal Resistance to Fusarium Head Blight in Wheat. <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 431-439. | 1.4 | 154 |
| 666 | Low Red/Far-Red Ratios Reduce Arabidopsis Resistance to <i>Botrytis cinerea</i> and Jasmonate Responses via a COI1-JAZ10-Dependent, Salicylic Acid-Independent Mechanism. <i>Plant Physiology</i> , 2012, 158, 2042-2052. | 2.3 | 180 |
| 667 | Transcription factor-dependent nuclear localization of a transcriptional repressor in jasmonate hormone signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 20148-20153. | 3.3 | 98 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 668 | Salicylic acids. <i>Plant Signaling and Behavior</i> , 2012, 7, 93-102. | 1.2 | 21 |
| 669 | Polyamines Attenuate Ethylene-Mediated Defense Responses to Abrogate Resistance to <i>Botrytis cinerea</i> in Tomato. <i>Plant Physiology</i> , 2012, 158, 1034-1045. | 2.3 | 111 |
| 670 | Ethylene in mutualistic symbioses. <i>Plant Signaling and Behavior</i> , 2012, 7, 1634-1638. | 1.2 | 26 |
| 671 | The Vascular Pathogen <i>Verticillium longisporum</i> Requires a Jasmonic Acid-Independent COI1 Function in Roots to Elicit Disease Symptoms in <i>Arabidopsis</i> Shoots. <i>Plant Physiology</i> , 2012, 159, 1192-1203. | 2.3 | 61 |
| 672 | Stress Response and Pathogenicity of the Necrotrophic Fungal Pathogen <i>Alternaria alternata</i> . <i>Scientifica</i> , 2012, 2012, 1-17. | 0.6 | 73 |
| 673 | The U-Box E3 Ligase SPL11/PUB13 Is a Convergence Point of Defense and Flowering Signaling in Plants. <i>Plant Physiology</i> , 2012, 160, 28-37. | 2.3 | 73 |
| 674 | Crosstalk between above- and belowground herbivores is mediated by minute metabolic responses of the host <i>Arabidopsis thaliana</i> . <i>Journal of Experimental Botany</i> , 2012, 63, 6199-6210. | 2.4 | 52 |
| 675 | Discrimination of <i>Arabidopsis</i> PAD4 Activities in Defense against Green Peach Aphid and Pathogens. <i>Plant Physiology</i> , 2012, 158, 1860-1872. | 2.3 | 54 |
| 676 | Canopy Light and Plant Health. <i>Plant Physiology</i> , 2012, 160, 145-155. | 2.3 | 128 |
| 677 | SR1, a Calmodulin-Binding Transcription Factor, Modulates Plant Defense and Ethylene-Induced Senescence by Directly Regulating <i>NDR1</i> and <i>EIN3</i> . <i>Plant Physiology</i> , 2012, 158, 1847-1859. | 2.3 | 149 |
| 678 | <i>NajAZh</i> Regulates a Subset of Defense Responses against Herbivores and Spontaneous Leaf Necrosis in <i>Nicotiana attenuata</i> Plants. <i>Plant Physiology</i> , 2012, 159, 769-788. | 2.3 | 72 |
| 679 | Ethylene Signaling Pathway and MAPK Cascades Are Required for AAL Toxin-Induced Programmed Cell Death. <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 1015-1025. | 1.4 | 24 |
| 680 | Global Analysis of Tomato Gene Expression During <i>Potato spindle tuber viroid</i> Infection Reveals a Complex Array of Changes Affecting Hormone Signaling. <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 582-598. | 1.4 | 97 |
| 681 | Evaluation of <i>Arabidopsis thaliana</i> as a Model Host for <i>Xylella fastidiosa</i> . <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 747-754. | 1.4 | 8 |
| 682 | A Systems Approach for Identifying Resistance Factors to Rice stripe virus. <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 534-545. | 1.4 | 8 |
| 683 | Necrotrophic Pathogens Use the Salicylic Acid Signaling Pathway to Promote Disease Development in Tomato. <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 1584-1593. | 1.4 | 129 |
| 684 | Shaping the pathogen response by protein kinase triggered oxidative burst. <i>New Phytologist</i> , 2012, 196, 4-6. | 3.5 | 1 |
| 685 | Abscisic acid interacts antagonistically with classical defense pathways in rice-migratory nematode interaction. <i>New Phytologist</i> , 2012, 196, 901-913. | 3.5 | 120 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 686 | SOS “too many signals for systemic acquired resistance?. Trends in Plant Science, 2012, 17, 538-545. | 4.3 | 292 |
| 687 | Disruption of Abscisic Acid Signaling Constitutively Activates Arabidopsis Resistance to the Necrotrophic Fungus <i>Plectosphaerella cucumerina</i> . Plant Physiology, 2012, 160, 2109-2124. | 2.3 | 132 |
| 688 | Repression of the Arabidopsis thaliana Jasmonic Acid/Ethylene-Induced Defense Pathway by TGA-Interacting Glutaredoxins Depends on Their C-Terminal ALWL Motif. Molecular Plant, 2012, 5, 831-840. | 3.9 | 158 |
| 689 | The Arabidopsis Mediator Complex Subunit16 Positively Regulates Salicylate-Mediated Systemic Acquired Resistance and Jasmonate/Ethylene-Induced Defense Pathways. Plant Cell, 2012, 24, 4294-4309. | 3.1 | 157 |
| 690 | Modulation of ethylene- and heat-controlled hyponastic leaf movement in Arabidopsis thaliana by the plant defence hormones jasmonate and salicylate. Planta, 2012, 235, 677-685. | 1.6 | 15 |
| 691 | Chemical and genetic exploration of jasmonate biosynthesis and signaling paths. Planta, 2012, 236, 1351-1366. | 1.6 | 98 |
| 692 | Caterpillar Labial Saliva Alters Tomato Plant Gene Expression. Journal of Chemical Ecology, 2012, 38, 1387-1401. | 0.9 | 26 |
| 693 | Methyl esterification of pectin plays a role during plant-pathogen interactions and affects plant resistance to diseases. Journal of Plant Physiology, 2012, 169, 1623-1630. | 1.6 | 213 |
| 694 | Identification of genes induced by Venturia nashicola in indigenous Korean pear “Hwangsilri”. Horticulture Environment and Biotechnology, 2012, 53, 513-520. | 0.7 | 2 |
| 695 | Interaction Between Salt Stress and Angular Leaf Spot (pseudomonas syringae pv lachrymans) in Cucumber. Vegetable Crops Research Bulletin, 2012, 77, 5-16. | 0.2 | 8 |
| 696 | The 'Green Revolution' dwarfing genes play a role in disease resistance in Triticum aestivum and Hordeum vulgare. Journal of Experimental Botany, 2012, 63, 1271-1283. | 2.4 | 98 |
| 697 | Parents lend a helping hand to their offspring in plant defence. Biology Letters, 2012, 8, 871-873. | 1.0 | 28 |
| 698 | Physiological Changes in Green Stems of <i>Vitis vinifera</i> L. cv. Chardonnay in Response to Esca Proper and Apoplexy Revealed by Proteomic and Transcriptomic Analyses. Journal of Proteome Research, 2012, 11, 461-475. | 1.8 | 42 |
| 699 | Resistant responses of tomato fruit treated with exogenous methyl jasmonate to Botrytis cinerea infection. Scientia Horticulturae, 2012, 142, 38-43. | 1.7 | 91 |
| 700 | Characterization of novel F-box proteins in plants induced by biotic and abiotic stress. Plant Science, 2012, 185-186, 208-217. | 1.7 | 41 |
| 701 | Defense to Sclerotinia sclerotiorum in oilseed rape is associated with the sequential activations of salicylic acid signaling and jasmonic acid signaling. Plant Science, 2012, 184, 75-82. | 1.7 | 84 |
| 702 | T3SS-dependent differential modulations of the jasmonic acid pathway in susceptible and resistant genotypes of Malus spp. challenged with Erwinia amylovora. Plant Science, 2012, 188-189, 1-9. | 1.7 | 31 |
| 703 | Role of phytohormones in insect-specific plant reactions. Trends in Plant Science, 2012, 17, 250-259. | 4.3 | 742 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 704 | Evolution of jasmonate and salicylate signal crosstalk. Trends in Plant Science, 2012, 17, 260-270. | 4.3 | 1,005 |
| 705 | Obligate biotroph parasitism: can we link genomes to lifestyles?. Trends in Plant Science, 2012, 17, 448-457. | 4.3 | 102 |
| 706 | How Do Lettuce Seedlings Adapt to Low-pH Stress Conditions? A Mechanism for Low-pH-Induced Root Hair Formation in Lettuce Seedlings. , 2012, , 125-155. | | 3 |
| 707 | Arabidopsis WRKY33 Is a Key Transcriptional Regulator of Hormonal and Metabolic Responses toward <i>Botrytis cinerea</i> Infection. Plant Physiology, 2012, 159, 266-285. | 2.3 | 487 |
| 708 | Molecular Cloning and Characterization of Two 9-Lipoxygenase Genes from <i>Taxus chinensis</i> . Plant Molecular Biology Reporter, 2012, 30, 1283-1290. | 1.0 | 13 |
| 709 | The hemibiotrophic cacao pathogen <i>Moniliophthora perniciosa</i> depends on a mitochondrial alternative oxidase for biotrophic development. New Phytologist, 2012, 194, 1025-1034. | 3.5 | 45 |
| 710 | <i>Arabidopsis</i> RAP2.2 plays an important role in plant resistance to <i>Botrytis cinerea</i> and ethylene responses. New Phytologist, 2012, 195, 450-460. | 3.5 | 129 |
| 711 | <i>Arabidopsis thaliana</i> plants differentially modulate auxin biosynthesis and transport during defense responses to the necrotrophic pathogen <i>Alternaria brassicicola</i> . New Phytologist, 2012, 195, 872-882. | 3.5 | 107 |
| 712 | StCDPK5 confers resistance to late blight pathogen but increases susceptibility to early blight pathogen in potato via reactive oxygen species burst. New Phytologist, 2012, 196, 223-237. | 3.5 | 114 |
| 713 | Jasmonates in Plant Defense Responses. Signaling and Communication in Plants, 2012, , 67-88. | 0.5 | 5 |
| 714 | The infection capacity of <i>P. expansum</i> and <i>P. digitatum</i> on apples and histochemical analysis of host response. International Journal of Food Microbiology, 2012, 157, 360-367. | 2.1 | 54 |
| 715 | Effect of salicylic acid on <i>Fusarium graminearum</i> , the major causal agent of fusarium head blight in wheat. Fungal Biology, 2012, 116, 413-426. | 1.1 | 81 |
| 716 | Identification and Characterization of <i>ANAC042</i> , a Transcription Factor Family Gene Involved in the Regulation of Camalexin Biosynthesis in <i>Arabidopsis</i> . Molecular Plant-Microbe Interactions, 2012, 25, 684-696. | 1.4 | 104 |
| 717 | LVR8 Mediates UV-B-Induced <i>Arabidopsis</i> Defense Responses against <i>Botrytis cinerea</i> by Controlling Sinapate Accumulation. Molecular Plant, 2012, 5, 642-652. | 3.9 | 200 |
| 718 | Jasmonate and ethylene dependent defence gene expression and suppression of fungal virulence factors: two essential mechanisms of <i>Fusarium</i> head blight resistance in wheat?. BMC Genomics, 2012, 13, 369. | 1.2 | 113 |
| 719 | Root transcriptional responses of two melon genotypes with contrasting resistance to <i>Monosporascus cannonballus</i> (Pollack et Uecker) infection. BMC Genomics, 2012, 13, 601. | 1.2 | 16 |
| 720 | Rootstock-regulated gene expression patterns associated with fire blight resistance in apple. BMC Genomics, 2012, 13, 9. | 1.2 | 84 |
| 721 | Phenotypic and histochemical traits of the interaction between <i>Plasmopara viticola</i> and resistant or susceptible grapevine varieties. BMC Plant Biology, 2012, 12, 124. | 1.6 | 49 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 722 | Characterization of resistance to pine wood nematode infection in <i>Pinus thunbergii</i> using suppression subtractive hybridization. <i>BMC Plant Biology</i> , 2012, 12, 13. | 1.6 | 92 |
| 723 | MAPK-dependent JA and SA signalling in <i>Nicotiana attenuata</i> affects plant growth and fitness during competition with conspecifics. <i>BMC Plant Biology</i> , 2012, 12, 213. | 1.6 | 58 |
| 724 | Co-expression analysis identifies putative targets for CBP60g and SARD1 regulation. <i>BMC Plant Biology</i> , 2012, 12, 216. | 1.6 | 38 |
| 725 | Chestnut resistance to the blight disease: insights from transcriptome analysis. <i>BMC Plant Biology</i> , 2012, 12, 38. | 1.6 | 68 |
| 726 | <i>Arabidopsis</i> nonhost resistance gene PSS1 confers immunity against an oomycete and a fungal pathogen but not a bacterial pathogen that cause diseases in soybean. <i>BMC Plant Biology</i> , 2012, 12, 87. | 1.6 | 25 |
| 727 | Characterization of non-host resistance in broad bean to the wheat stripe rust pathogen. <i>BMC Plant Biology</i> , 2012, 12, 96. | 1.6 | 65 |
| 728 | Phytohormone signaling pathway analysis method for comparing hormone responses in plant-pest interactions. <i>BMC Research Notes</i> , 2012, 5, 392. | 0.6 | 35 |
| 729 | Differential gene expression in gall midge susceptible rice genotypes revealed by suppressive subtraction hybridization (SSH) cDNA libraries and microarray analysis. <i>Rice</i> , 2012, 5, 8. | 1.7 | 24 |
| 732 | <i>Arabidopsis</i> mutants of sphingolipid fatty acid 1 α -hydroxylases accumulate ceramides and salicylates. <i>New Phytologist</i> , 2012, 196, 1086-1097. | 3.5 | 83 |
| 735 | Role of 9-Lipoxygenase and 13-Lipoxygenase Oxylin Pathways as Modulators of Local and Systemic Defense. <i>Molecular Plant</i> , 2012, 5, 914-928. | 3.9 | 121 |
| 736 | Two-Component Elements Mediate Interactions between Cytokinin and Salicylic Acid in Plant Immunity. <i>PLoS Genetics</i> , 2012, 8, e1002448. | 1.5 | 222 |
| 737 | Morphology and Anatomy of Stem Mines in <i>Cipocereus minensis</i> (Wender.) Ritter (Cactaceae), an Endemic Species to Eastern Brazil. <i>Haseltonia</i> , 2012, 17, 42-50. | 0.3 | 3 |
| 738 | Metabolite Profiling of <i>Arabidopsis</i> Inoculated with <i>Alternaria brassicicola</i> Reveals That Ascorbate Reduces Disease Severity. <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 1628-1638. | 1.4 | 54 |
| 739 | Molecular Characterization and Functional Analysis of a Necrosis- and Ethylene-Inducing, Protein-Encoding Gene Family from <i>Verticillium dahliae</i> . <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 964-975. | 1.4 | 158 |
| 740 | <i>Methylobacterium</i> -Induced Endophyte Community Changes Correspond with Protection of Plants against Pathogen Attack. <i>PLoS ONE</i> , 2012, 7, e46802. | 1.1 | 118 |
| 741 | The Role of Radical Burst in Plant Defense Responses to Necrotrophic Fungi. <i>Journal of Integrative Agriculture</i> , 2012, 11, 1305-1312. | 1.7 | 6 |
| 742 | Effects of an insect-nematode-fungus pest complex on grain yield and composition of specialty low linolenic acid soybean. <i>Crop Protection</i> , 2012, 42, 210-216. | 1.0 | 4 |
| 743 | Chemical changes in <i>Ulmus minor</i> xylem tissue after salicylic acid or carvacrol treatments are associated with enhanced resistance to <i>Ophiostoma novo-ulmi</i> . <i>Phytochemistry</i> , 2012, 83, 104-109. | 1.4 | 28 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 744 | The Janus face of reactive oxygen species in resistance and susceptibility of plants to necrotrophic and biotrophic pathogens. <i>Plant Physiology and Biochemistry</i> , 2012, 59, 37-43. | 2.8 | 197 |
| 745 | New Approaches to Study Metal-Induced Stress in Plants. , 2012, , 413-427. | | 3 |
| 747 | Effects of elevated CO ₂ and soil water content on phytohormone transcript induction in <i>Glycine max</i> after <i>Popillia japonica</i> feeding. <i>Arthropod-Plant Interactions</i> , 2012, 6, 439-447. | 0.5 | 26 |
| 748 | Ammonium Secretion During <i>Colletotrichum coccodes</i> Infection Modulates Salicylic and Jasmonic Acid Pathways of Ripe and Unripe Tomato Fruit. <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 85-96. | 1.4 | 38 |
| 749 | Recent Advances in Entomological Research. , 2011, , . | | 10 |
| 750 | Phytohormones and Abiotic Stress Tolerance in Plants. , 2012, , . | | 87 |
| 751 | Signaling and Communication in Plant Symbiosis. <i>Signaling and Communication in Plants</i> , 2012, , . | 0.5 | 20 |
| 752 | New faces in plant innate immunity: heterotrimeric G proteins. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2012, 21, 40-47. | 0.9 | 16 |
| 753 | Biocommunication of Fungi. , 2012, , . | | 22 |
| 754 | Evidence for a Common Toolbox Based on Necrotrophy in a Fungal Lineage Spanning Necrotrophs, Biotrophs, Endophytes, Host Generalists and Specialists. <i>PLoS ONE</i> , 2012, 7, e29943. | 1.1 | 88 |
| 755 | Non-Host Defense Response in a Novel <i>Arabidopsis-Xanthomonas citri</i> subsp. <i>citri</i> Pathosystem. <i>PLoS ONE</i> , 2012, 7, e31130. | 1.1 | 24 |
| 756 | Early Developmental Responses to Seedling Environment Modulate Later Plasticity to Light Spectral Quality. <i>PLoS ONE</i> , 2012, 7, e34121. | 1.1 | 6 |
| 757 | Two Homologous Putative Protein Tyrosine Phosphatases, OsPFA-DSP2 and AtPFA-DSP4, Negatively Regulate the Pathogen Response in Transgenic Plants. <i>PLoS ONE</i> , 2012, 7, e34995. | 1.1 | 13 |
| 758 | ERF5 and ERF6 Play Redundant Roles as Positive Regulators of JA/Et-Mediated Defense against <i>Botrytis cinerea</i> in <i>Arabidopsis</i> . <i>PLoS ONE</i> , 2012, 7, e35995. | 1.1 | 225 |
| 759 | Genome-Wide Identification and Analysis of the TIFY Gene Family in Grape. <i>PLoS ONE</i> , 2012, 7, e44465. | 1.1 | 104 |
| 760 | Manipulation of Plant Defense Responses by the Tomato Psyllid (<i>Bactericera cockerelli</i>) and Its Associated Endosymbiont <i>Candidatus Liberibacter Psyllaurous</i> . <i>PLoS ONE</i> , 2012, 7, e35191. | 1.1 | 114 |
| 761 | Catabolism and Deactivation of the Lipid-Derived Hormone Jasmonoyl-Isoleucine. <i>Frontiers in Plant Science</i> , 2012, 3, 19. | 1.7 | 102 |
| 762 | Sphingolipids and Plant Defense/Disease: The "Death" Connection and Beyond. <i>Frontiers in Plant Science</i> , 2012, 3, 68. | 1.7 | 156 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 763 | Biotic stress in plants: life lessons from your parents and grandparents. <i>Frontiers in Genetics</i> , 2012, 3, 256. | 1.1 | 22 |
| 764 | Non-Traditional Pesticidally Active Compounds. , 0, , . | | 0 |
| 765 | Olive " Colletotrichum acutatum: An Example of Fruit-Fungal Interaction. , 2012, , . | | 1 |
| 766 | Biotechnological strategies for engineering plants with durable resistance to fungal and bacterial pathogens. , 2012, , 329-342. | | 7 |
| 767 | Antifungal Plant Defensins: Structure-Activity Relationships, Modes of Action, and Biotech Applications. <i>ACS Symposium Series</i> , 2012, , 317-336. | 0.5 | 8 |
| 768 | Biosynthesis of UDP-4-keto-6-deoxyglucose and UDP-rhamnose in Pathogenic Fungi <i>Magnaporthe grisea</i> and <i>Botryotinia fuckeliana</i> . <i>Journal of Biological Chemistry</i> , 2012, 287, 879-892. | 1.6 | 46 |
| 769 | Thionins - Nature's Weapons of Mass Protection. <i>ACS Symposium Series</i> , 2012, , 415-443. | 0.5 | 1 |
| 770 | Functional genomic approaches in cereal rusts. <i>Canadian Journal of Plant Pathology</i> , 2012, 34, 3-12. | 0.8 | 5 |
| 771 | Hormonal Modulation of Plant Immunity. <i>Annual Review of Cell and Developmental Biology</i> , 2012, 28, 489-521. | 4.0 | 2,396 |
| 772 | A Maize Cystatin Suppresses Host Immunity by Inhibiting Apoplastic Cysteine Proteases. <i>Plant Cell</i> , 2012, 24, 1285-1300. | 3.1 | 137 |
| 773 | Activation of camalexin biosynthesis in <i>Arabidopsis thaliana</i> in response to perception of bacterial lipopolysaccharides: a gene-to-metabolite study. <i>Planta</i> , 2012, 236, 261-272. | 1.6 | 20 |
| 774 | Integrated Systems View on Networking by Hormones in <i>Arabidopsis</i> Immunity Reveals Multiple Crosstalk for Cytokinin. <i>Plant Cell</i> , 2012, 24, 1793-1814. | 3.1 | 110 |
| 775 | Plant Immunity to Necrotrophs. <i>Annual Review of Phytopathology</i> , 2012, 50, 267-294. | 3.5 | 479 |
| 776 | A mutagenesis-derived broad-spectrum disease resistance locus in wheat. <i>Theoretical and Applied Genetics</i> , 2012, 125, 391-404. | 1.8 | 25 |
| 777 | Information networks for disease: commonalities in human management networks and within-host signalling networks. <i>European Journal of Plant Pathology</i> , 2012, 133, 75-88. | 0.8 | 31 |
| 778 | Gene expression analysis of four WIR1-like genes in floret tissues of European winter wheat after challenge with <i>G. zeae</i> . <i>Euphytica</i> , 2012, 186, 103-114. | 0.6 | 18 |
| 779 | Mycorrhiza-Induced Resistance and Priming of Plant Defenses. <i>Journal of Chemical Ecology</i> , 2012, 38, 651-664. | 0.9 | 757 |
| 780 | Biochar mediates systemic response of strawberry to foliar fungal pathogens. <i>Plant and Soil</i> , 2012, 357, 245-257. | 1.8 | 203 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 781 | Different expression profiles of jasmonic acid and salicylic acid inducible genes in the tomato plant against herbivores with various feeding modes. <i>Arthropod-Plant Interactions</i> , 2012, 6, 221-230. | 0.5 | 78 |
| 782 | Treating seeds with activators of plant defence generates long-lasting priming of resistance to pests and pathogens. <i>New Phytologist</i> , 2012, 193, 770-778. | 3.5 | 183 |
| 783 | Rice WRKY45 plays important roles in fungal and bacterial disease resistance. <i>Molecular Plant Pathology</i> , 2012, 13, 83-94. | 2.0 | 222 |
| 784 | ABA signal transduction at the crossroad of biotic and abiotic stress responses. <i>Plant, Cell and Environment</i> , 2012, 35, 53-60. | 2.8 | 584 |
| 785 | Repeated leaf wounding alters the colonization of <i>Medicago truncatula</i> roots by beneficial and pathogenic microorganisms. <i>Plant, Cell and Environment</i> , 2012, 35, 1344-1357. | 2.8 | 68 |
| 786 | Differential metabolic response of barley genotypes, varying in resistance, to trichothecene-producing and nonproducing (<i>tri5</i> ⁺) isolates of <i>Fusarium graminearum</i> . <i>Plant Pathology</i> , 2012, 61, 509-521. | 1.2 | 42 |
| 787 | Infection capacities in the orange-pathogen relationship: Compatible (<i>Penicillium digitatum</i>) and incompatible (<i>Penicillium expansum</i>) interactions. <i>Food Microbiology</i> , 2012, 29, 56-66. | 2.1 | 43 |
| 788 | Effect of <i>Cryptococcus laurentii</i> and calcium chloride on control of <i>Penicillium expansum</i> and <i>Botrytis cinerea</i> infections in pear fruit. <i>Biological Control</i> , 2012, 61, 169-175. | 1.4 | 40 |
| 789 | In silico cloning and characterization of the TGA (TGACG MOTIF-BINDING FACTOR) transcription factors subfamily in <i>Carica papaya</i> . <i>Plant Physiology and Biochemistry</i> , 2012, 54, 113-122. | 2.8 | 44 |
| 790 | The arbuscular mycorrhizal symbiosis promotes the systemic induction of regulatory defence-related genes in rice leaves and confers resistance to pathogen infection. <i>Molecular Plant Pathology</i> , 2012, 13, 579-592. | 2.0 | 200 |
| 791 | Iron deficiency affects plant defence responses and confers resistance to <i>Dickeya dadantii</i> and <i>Botrytis cinerea</i> . <i>Molecular Plant Pathology</i> , 2012, 13, 816-827. | 2.0 | 86 |
| 792 | <i>Physcomitrella patens</i> activates reinforcement of the cell wall, programmed cell death and accumulation of evolutionary conserved defence signals, such as salicylic acid and 12-oxo-phytodienoic acid, but not jasmonic acid, upon <i>Botrytis cinerea</i> infection. <i>Molecular Plant Pathology</i> , 2012, 13, 960-974. | 2.0 | 105 |
| 793 | Begomovirus-whitefly mutualism is achieved through repression of plant defences by a virus pathogenicity factor. <i>Molecular Ecology</i> , 2012, 21, 1294-1304. | 2.0 | 172 |
| 794 | Hrip1, a novel protein elicitor from necrotrophic fungus, <i>Alternaria tenuissima</i> , elicits cell death, expression of defence-related genes and systemic acquired resistance in tobacco. <i>Plant, Cell and Environment</i> , 2012, 35, 2104-2120. | 2.8 | 67 |
| 795 | Biotin deficiency causes spontaneous cell death and activation of defense signaling. <i>Plant Journal</i> , 2012, 70, 315-326. | 2.8 | 30 |
| 796 | Correlation of cytological and biochemical parameters with resistance and tolerance to <i>Mycosphaerella graminicola</i> in wheat. <i>Plant Biology</i> , 2012, 14, 11-21. | 1.8 | 16 |
| 797 | Comparing systemic defence-related gene expression changes upon migratory and sedentary nematode attack in rice. <i>Plant Biology</i> , 2012, 14, 73-82. | 1.8 | 76 |
| 798 | Isolation and characterization of pathogen defence-related class I chitinase from the actinorhizal tree <i>Casuarina equisetifolia</i> . <i>Forest Pathology</i> , 2012, 42, 467-480. | 0.5 | 18 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 799 | Chromatin modification and remodelling: a regulatory landscape for the control of Arabidopsis defence responses upon pathogen attack. <i>Cellular Microbiology</i> , 2012, 14, 829-839. | 1.1 | 65 |
| 800 | Proteomic analysis of soybean defense response induced by cotton worm (<i>prodenia litura</i> , fabricius) feeding. <i>Proteome Science</i> , 2012, 10, 16. | 0.7 | 21 |
| 801 | Insights into the role of jasmonic acid-mediated defenses against necrotrophic and biotrophic fungal pathogens. <i>Frontiers in Biology</i> , 2012, 7, 48-56. | 0.7 | 120 |
| 802 | Cloning, expression and characterization of biotic stress inducible Ragi bifunctional inhibitor (RBI) gene from <i>Eleusine coracana</i> Gaertn.. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2012, 21, 66-76. | 0.9 | 8 |
| 803 | Impact of root exudates and plant defense signaling on bacterial communities in the rhizosphere. A review. <i>Agronomy for Sustainable Development</i> , 2012, 32, 227-243. | 2.2 | 543 |
| 804 | Expression Analysis of Defense-Related Genes in Cotton (<i>Gossypium hirsutum</i>) after <i>Fusarium oxysporum</i> f. sp. <i>vasinfectum</i> Infection and Following Chemical Elicitation using a Salicylic Acid Analog and Methyl Jasmonate. <i>Plant Molecular Biology Reporter</i> , 2012, 30, 225-234. | 1.0 | 27 |
| 805 | Defense response of a pepper cultivar cv. Sy-2 is induced at temperatures below 24°C. <i>Journal of Plant Research</i> , 2012, 125, 137-145. | 1.2 | 11 |
| 806 | Functional analysis of BT4 of <i>Arabidopsis thaliana</i> in resistance against <i>Botrytis cinerea</i> . <i>Australasian Plant Pathology</i> , 2013, 42, 393-401. | 0.5 | 7 |
| 807 | Salicylic acid suppression of clubroot in broccoli (<i>Brassicae oleracea</i> var. <i>italica</i>) caused by the obligate biotroph <i>Plasmodiophora brassicae</i> . <i>Australasian Plant Pathology</i> , 2013, 42, 141-153. | 0.5 | 57 |
| 808 | A comparative proteomics analysis of soybean leaves under biotic and abiotic treatments. <i>Molecular Biology Reports</i> , 2013, 40, 1553-1562. | 1.0 | 14 |
| 809 | Can plant sugars mediate the effect of nitrogen fertilization on lettuce susceptibility to two necrotrophic pathogens: <i>Botrytis cinerea</i> and <i>Sclerotinia sclerotiorum</i> ?. <i>Plant and Soil</i> , 2013, 369, 387-401. | 1.8 | 39 |
| 810 | Different Gene Expressions of Resistant and Susceptible Maize Inbreds in Response to <i>Fusarium verticillioides</i> Infection. <i>Plant Molecular Biology Reporter</i> , 2013, 31, 925-935. | 1.0 | 16 |
| 811 | Beneficial microbes in a changing environment: are they always helping plants to deal with insects?. <i>Functional Ecology</i> , 2013, 27, 574-586. | 1.7 | 171 |
| 813 | Set-point control of RD21 protease activity by AtpSperpin1 controls cell death in Arabidopsis. <i>Plant Journal</i> , 2013, 74, 498-510. | 2.8 | 113 |
| 814 | Antimicrobial Defenses and Resistance in Forest Trees: Challenges and Perspectives in a Genomic Era. <i>Annual Review of Phytopathology</i> , 2013, 51, 221-244. | 3.5 | 66 |
| 815 | Quiescent and Necrotrophic Lifestyle Choice During Postharvest Disease Development. <i>Annual Review of Phytopathology</i> , 2013, 51, 155-176. | 3.5 | 207 |
| 816 | Peroxisomes and their Key Role in Cellular Signaling and Metabolism. <i>Sub-Cellular Biochemistry</i> , 2013, , . | 1.0 | 17 |
| 817 | SALICYLIC ACID. , 2013, , . | | 25 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 818 | Methods for Analysis of Disease Resistance and the Defense Response in Arabidopsis. <i>Methods in Molecular Biology</i> , 2013, 1043, 55-66. | 0.4 | 3 |
| 819 | Mobilization of lipids and fortification of cell wall and cuticle are important in host defense against Hessian fly. <i>BMC Genomics</i> , 2013, 14, 423. | 1.2 | 26 |
| 820 | Insights into organ-specific pathogen defense responses in plants: RNA-seq analysis of potato tuber- <i>Phytophthora infestans</i> interactions. <i>BMC Genomics</i> , 2013, 14, 340. | 1.2 | 101 |
| 821 | Ectopic expression of AtPAD4 broadens resistance of soybean to soybean cyst and root-knot nematodes. <i>BMC Plant Biology</i> , 2013, 13, 67. | 1.6 | 52 |
| 822 | Cloning and characterization of two rice long-chain base kinase genes and their function in disease resistance and cell death. <i>Molecular Biology Reports</i> , 2013, 40, 117-127. | 1.0 | 4 |
| 823 | <i>Piriformospora indica</i> . <i>Soil Biology</i> , 2013, , . | 0.6 | 19 |
| 824 | Identification of Traits, Genes, and Crops of the Future. , 2013, , 27-177. | | 1 |
| 825 | Diversity in plant systemic resistance induced by <i>Trichoderma</i> . <i>Biological Control</i> , 2013, 67, 149-156. | 1.4 | 144 |
| 826 | Advance in Barley Sciences. , 2013, , . | | 5 |
| 827 | Genetic and cellular mechanisms regulating plant responses to necrotrophic pathogens. <i>Current Opinion in Plant Biology</i> , 2013, 16, 505-512. | 3.5 | 63 |
| 828 | Changes in leaf proteome profile of <i>Arabidopsis thaliana</i> in response to salicylic acid. <i>Journal of Biosciences</i> , 2013, 38, 317-328. | 0.5 | 18 |
| 829 | Spatiotemporal patterns of induced resistance and susceptibility linking diverse plant parasites. <i>Oecologia</i> , 2013, 173, 1379-1386. | 0.9 | 55 |
| 830 | Differences in the susceptibility of five herbivore species and developmental stages to tomato resistance induced by methyl jasmonate treatment. <i>Arthropod-Plant Interactions</i> , 2013, 7, 415-422. | 0.5 | 7 |
| 831 | Salicylate Degradation by the Fungal Plant Pathogen <i>Sclerotinia sclerotiorum</i> . <i>Current Microbiology</i> , 2013, 67, 218-225. | 1.0 | 27 |
| 832 | Comparative transcriptome analysis of pepper (<i>Capsicum annuum</i>) revealed common regulons in multiple stress conditions and hormone treatments. <i>Plant Cell Reports</i> , 2013, 32, 1351-1359. | 2.8 | 27 |
| 833 | Jasmonate signaling in plant development and defense response to multiple (a)biotic stresses. <i>Plant Cell Reports</i> , 2013, 32, 1085-1098. | 2.8 | 263 |
| 834 | A mutation in a coproporphyrinogen III oxidase gene confers growth inhibition, enhanced powdery mildew resistance and powdery mildew-induced cell death in <i>Arabidopsis</i> . <i>Plant Cell Reports</i> , 2013, 32, 687-702. | 2.8 | 25 |
| 835 | A novel <i>Arabidopsis</i> oomycete pathosystem: differential interactions with <i>Phytophthora capsici</i> reveal a role for camalexin, indole glucosinolates and salicylic acid in defence. <i>Plant, Cell and Environment</i> , 2013, 36, 1192-1203. | 2.8 | 88 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 836 | Overexpression of a wheat stearyl-ACP desaturase (SACPD) gene TaSSI2 in Arabidopsis ssi2 mutant compromise its resistance to powdery mildew. <i>Gene</i> , 2013, 524, 220-227. | 1.0 | 25 |
| 837 | Characterization of novel gene expression related to glyoxal oxidase by agro-infiltration of the leaves of accession Baihe-35-1 of <i>Vitis pseudoreticulata</i> involved in production of H ₂ O ₂ for resistance to <i>Erysiphe necator</i> . <i>Protoplasma</i> , 2013, 250, 765-777. | 1.0 | 7 |
| 838 | Tomato SIMPK4 is required for resistance against <i>Botrytis cinerea</i> and tolerance to drought stress. <i>Acta Physiologiae Plantarum</i> , 2013, 35, 1211-1221. | 1.0 | 27 |
| 839 | Resistance of <i>Malus</i> plants to <i>Diplocarpon mali</i> infection is associated with the antioxidant system and defense signaling pathways. <i>Physiological and Molecular Plant Pathology</i> , 2013, 84, 146-152. | 1.3 | 16 |
| 840 | <i>Capsicum annuum</i> homeobox 1 (CaHB1) is a nuclear factor that has roles in plant development, salt tolerance, and pathogen defense. <i>Biochemical and Biophysical Research Communications</i> , 2013, 442, 116-121. | 1.0 | 19 |
| 841 | Anthocyanins Double the Shelf Life of Tomatoes by Delaying Overripening and Reducing Susceptibility to Gray Mold. <i>Current Biology</i> , 2013, 23, 1094-1100. | 1.8 | 292 |
| 842 | Pathogenicity and virulence factors of <i>Pseudomonas syringae</i> . <i>Journal of General Plant Pathology</i> , 2013, 79, 285-296. | 0.6 | 68 |
| 843 | Systemic Acquired Resistance (50 Years after Discovery): Moving from the Lab to the Field. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 12473-12491. | 2.4 | 162 |
| 845 | Trichothecene toxicity in eukaryotes: Cellular and molecular mechanisms in plants and animals. <i>Toxicology Letters</i> , 2013, 217, 149-158. | 0.4 | 122 |
| 846 | Morphological and biochemical characterization of <i>Erwinia amylovora</i> -induced hypersensitive cell death in apple leaves. <i>Plant Physiology and Biochemistry</i> , 2013, 63, 292-305. | 2.8 | 36 |
| 847 | Salicylic acid-mediated establishment of the compatibility between <i>Alternaria brassicicola</i> and <i>Brassica juncea</i> is mitigated by abscisic acid in <i>Sinapis alba</i> . <i>Plant Physiology and Biochemistry</i> , 2013, 70, 43-51. | 2.8 | 50 |
| 848 | Jasmonic acid negatively regulates resistance to Tobacco mosaic virus in tobacco. <i>Plant and Cell Physiology</i> , 2013, 54, 1999-2010. | 1.5 | 56 |
| 849 | Nicotianamine synthase gene family as central components in heavy metal and phytohormone response in maize. <i>Functional and Integrative Genomics</i> , 2013, 13, 229-239. | 1.4 | 15 |
| 850 | Grapevine NAC1 transcription factor as a convergent node in developmental processes, abiotic stresses, and necrotrophic/biotrophic pathogen tolerance. <i>Journal of Experimental Botany</i> , 2013, 64, 4877-4893. | 2.4 | 89 |
| 851 | GDSL LIPASE1 Modulates Plant Immunity through Feedback Regulation of Ethylene Signaling. <i>Plant Physiology</i> , 2013, 163, 1776-1791. | 2.3 | 66 |
| 852 | Overexpression of an nsLTPs-like antimicrobial protein gene (LJAMP2) from motherwort (<i>Leonurus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock <i>Physiological and Molecular Plant Pathology</i> , 2013, 82, 81-87. | 1.3 | 12 |
| 853 | Temperature-related effects of treatments with jasmonic and salicylic acids on <i>Arabidopsis</i> infected with cucumber mosaic virus. <i>Russian Journal of Plant Physiology</i> , 2013, 60, 672-680. | 0.5 | 3 |
| 855 | The Participation of salicylic and jasmonic acids in genetic and induced resistance of tomato to <i>Meloidogyne incognita</i> (Kofoid and White, 1919). <i>Biology Bulletin</i> , 2013, 40, 297-303. | 0.1 | 19 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 856 | Exploiting pathogens' tricks of the trade for engineering of plant disease resistance: challenges and opportunities. <i>Microbial Biotechnology</i> , 2013, 6, 212-222. | 2.0 | 32 |
| 857 | From ozone depletion to agriculture: understanding the role of UV radiation in sustainable crop production. <i>New Phytologist</i> , 2013, 197, 1058-1076. | 3.5 | 159 |
| 858 | Secretomes: The fungal strike force. <i>Proteomics</i> , 2013, 13, 597-608. | 1.3 | 116 |
| 859 | Purple Acid Phosphatase5 is required for maintaining basal resistance against <i>Pseudomonas syringae</i> in <i>Arabidopsis</i> . <i>BMC Plant Biology</i> , 2013, 13, 107. | 1.6 | 34 |
| 860 | Transcriptional profiling of <i>Zea mays</i> roots reveals roles for jasmonic acid and terpenoids in resistance against <i>Phytophthora cinnamomi</i> . <i>Functional and Integrative Genomics</i> , 2013, 13, 217-228. | 1.4 | 56 |
| 861 | Functional diversity and resource partitioning in fungi associated with the fine feeder roots of forest trees. <i>Symbiosis</i> , 2013, 61, 113-123. | 1.2 | 12 |
| 862 | Comparative transcriptome analysis of tomato (<i>Solanum lycopersicum</i>) in response to exogenous abscisic acid. <i>BMC Genomics</i> , 2013, 14, 841. | 1.2 | 84 |
| 863 | Arbuscular mycorrhizal fungi-enhanced resistance against <i>Phytophthora sojae</i> infection on soybean leaves is mediated by a network involving hydrogen peroxide, jasmonic acid, and the metabolism of carbon and nitrogen. <i>Acta Physiologiae Plantarum</i> , 2013, 35, 3465-3475. | 1.0 | 39 |
| 864 | AtMYB44 positively modulates disease resistance to <i>Pseudomonas syringae</i> through the salicylic acid signalling pathway in <i>Arabidopsis</i> . <i>Functional Plant Biology</i> , 2013, 40, 304. | 1.1 | 32 |
| 865 | A novel role of PR2 in abscisic acid (ABA) mediated, pathogen-induced callose deposition in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2013, 200, 1187-1199. | 3.5 | 129 |
| 866 | Contrasting effects of necrotrophic and biotrophic plant pathogens on the aphid <i>Aphis fabae</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2013, 148, 234-245. | 0.7 | 31 |
| 867 | Enhancement of the citrus immune system provides effective resistance against <i>Alternaria</i> brown spot disease. <i>Journal of Plant Physiology</i> , 2013, 170, 146-154. | 1.6 | 38 |
| 868 | Priming of the <i>Arabidopsis</i> pattern-triggered immunity response upon infection by necrotrophic <i>Pectobacterium carotovorum</i> bacteria. <i>Molecular Plant Pathology</i> , 2013, 14, 58-70. | 2.0 | 87 |
| 869 | Induced resistance to <i>Verticillium longisporum</i> in <i>Brassica napus</i> by Î²-aminobutyric acid. <i>Plant Pathology</i> , 2013, 62, 552-561. | 1.2 | 19 |
| 870 | Production of hydrogen peroxide and expression of ROS-generating genes in peach flower petals in response to host and non-host fungal pathogens. <i>Plant Pathology</i> , 2013, 62, 820-828. | 1.2 | 31 |
| 871 | Disruption of sphingolipid biosynthesis in <i>Nicotiana benthamiana</i> activates salicylic acid-dependent responses and compromises resistance to <i>Alternaria alternata</i> f. sp. <i>lycopersici</i> . <i>Planta</i> , 2013, 237, 121-136. | 1.6 | 31 |
| 872 | Cytological and molecular characterization of non-host resistance in <i>Arabidopsis thaliana</i> against wheat stripe rust. <i>Plant Physiology and Biochemistry</i> , 2013, 62, 11-18. | 2.8 | 22 |
| 873 | The Ethylene Signaling Pathway is Needed to Restrict Root Gall Growth in <i>Arabidopsis</i> after Infection with the Obligate Biotrophic Protist <i>Plasmodiophora brassicae</i> . <i>Journal of Plant Growth Regulation</i> , 2013, 32, 9-21. | 2.8 | 27 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 874 | A core functional region of the RFP1 promoter from Chinese wild grapevine is activated by powdery mildew pathogen and heat stress. <i>Planta</i> , 2013, 237, 293-303. | 1.6 | 37 |
| 875 | Signal cross talk in Arabidopsis exposed to cadmium, silicon, and Botrytis cinerea. <i>Planta</i> , 2013, 237, 337-349. | 1.6 | 70 |
| 876 | The mobilization of defence mechanisms in the early stages of pea seed germination against Ascochyta pisi. <i>Protoplasma</i> , 2013, 250, 63-75. | 1.0 | 16 |
| 877 | The Medicago truncatula–Mycosphaerella pinodes interaction: a new pathosystem for dissecting fungal-suppressor-mediated disease susceptibility in plants. <i>Journal of General Plant Pathology</i> , 2013, 79, 1-11. | 0.6 | 10 |
| 878 | Study in vitro of the impact of endophytic bacteria isolated from Centella asiatica on the disease incidence caused by the hemibiotrophic fungus Colletotrichum higginsianum. <i>Antonie Van Leeuwenhoek</i> , 2013, 103, 121-133. | 0.7 | 22 |
| 879 | Systemic Acquired Resistance: Turning Local Infection into Global Defense. <i>Annual Review of Plant Biology</i> , 2013, 64, 839-863. | 8.6 | 1,234 |
| 880 | How to effectively deploy plant resistances to pests and pathogens in crop breeding. <i>Euphytica</i> , 2013, 190, 321-334. | 0.6 | 39 |
| 881 | Turnip mosaic virus induces expression of the LRR II subfamily genes and regulates the salicylic acid signaling pathway in non-heading Chinese cabbage. <i>Physiological and Molecular Plant Pathology</i> , 2013, 82, 64-72. | 1.3 | 19 |
| 882 | Costs and benefits of hormone-regulated plant defences. <i>Plant Pathology</i> , 2013, 62, 43-55. | 1.2 | 171 |
| 883 | The ethylene receptor ETR1 is required for Fusarium oxysporum pathogenicity. <i>Plant Pathology</i> , 2013, 62, 1302-1309. | 1.2 | 42 |
| 884 | Proteome analysis of resistant and susceptible Cavendish banana roots following inoculation with Fusarium oxysporum f.sp. cubense. <i>Physiological and Molecular Plant Pathology</i> , 2013, 84, 163-171. | 1.3 | 20 |
| 885 | Postharvest salicylic acid treatment reduces storage rots in water-stressed but not unstressed sugarbeet roots. <i>Postharvest Biology and Technology</i> , 2013, 85, 162-166. | 2.9 | 5 |
| 886 | Systemic resistance against Botrytis cinerea in Arabidopsis triggered by an olive marc compost substrate requires functional SA signalling. <i>Physiological and Molecular Plant Pathology</i> , 2013, 82, 46-50. | 1.3 | 17 |
| 887 | Genome-wide identification and analysis of the SBP-box family genes in apple (Malus domestica). <i>Plant Pathology</i> , 2013, 62, 1302-1309. | 2.8 | 145 |
| 888 | Inhibitory effect of esterified lactoferrin and lactoferrin against tobacco mosaic virus (TMV) in tobacco seedlings. <i>Pesticide Biochemistry and Physiology</i> , 2013, 105, 62-68. | 1.6 | 20 |
| 889 | Factors contributing to enhanced pink snow mould resistance of winter rye (Secale cereale L.) – Pivotal role of crowns. <i>Physiological and Molecular Plant Pathology</i> , 2013, 81, 54-63. | 1.3 | 10 |
| 890 | Molecular characterization of the AtCXE8 gene, which promotes resistance to Botrytis cinerea infection. <i>Plant Biotechnology Reports</i> , 2013, 7, 109-119. | 0.9 | 17 |
| 891 | Defense Activated by 9-Lipoxygenase-Derived Oxylipins Requires Specific Mitochondrial Proteins. <i>Plant Physiology</i> , 2013, 161, 617-627. | 2.3 | 46 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 892 | <i>CcWRKY58</i> , encoding a group I WRKY transcription factor of <i>Capsicum annuum</i> , negatively regulates resistance to <i>Ralstonia solanacearum</i> infection. <i>Molecular Plant Pathology</i> , 2013, 14, 131-144. | 2.0 | 109 |
| 893 | <i>Arabidopsis wat1</i> (<i>walls are thin1</i>)-mediated resistance to the bacterial vascular pathogen, <i>Ralstonia solanacearum</i> , is accompanied by cross-regulation of salicylic acid and tryptophan metabolism. <i>Plant Journal</i> , 2013, 73, 225-239. | 2.8 | 154 |
| 894 | The tyrosine-sulfated peptide receptors PSKR1 and PSY1R modify the immunity of <i>Arabidopsis</i> to biotrophic and necrotrophic pathogens in an antagonistic manner. <i>Plant Journal</i> , 2013, 73, 469-482. | 2.8 | 163 |
| 895 | Primed plants do not forget. <i>Environmental and Experimental Botany</i> , 2013, 94, 46-56. | 2.0 | 301 |
| 896 | The evolutionary strategies of plant defenses have a dynamic impact on the adaptations and interactions of vectors and pathogens. <i>Insect Science</i> , 2013, 20, 297-306. | 1.5 | 15 |
| 897 | Contribution of Small RNA Pathway Components in Plant Immunity. <i>Molecular Plant-Microbe Interactions</i> , 2013, 26, 617-625. | 1.4 | 149 |
| 898 | Ectopic Expression of Rice <i>OsbBIANK1</i> , Encoding an Ankyrin Repeat-Containing Protein, in <i>Arabidopsis</i> Confers Enhanced Disease Resistance to <i>Botrytis cinerea</i> and <i>Pseudomonas syringae</i> . <i>Journal of Phytopathology</i> , 2013, 161, 27-34. | 0.5 | 19 |
| 899 | Bacterial pathogen phytosensing in transgenic tobacco and <i>Arabidopsis</i> plants. <i>Plant Biotechnology Journal</i> , 2013, 11, 43-52. | 4.1 | 30 |
| 900 | The Genetic and Molecular Basis of Plant Resistance to Pathogens. <i>Journal of Genetics and Genomics</i> , 2013, 40, 23-35. | 1.7 | 100 |
| 901 | The Role of Momilactones in Rice Allelopathy. <i>Journal of Chemical Ecology</i> , 2013, 39, 175-185. | 0.9 | 112 |
| 902 | <i>Arabidopsis</i> phospholipase D α 1 modulates defense responses to bacterial and fungal pathogens. <i>New Phytologist</i> , 2013, 199, 228-240. | 3.5 | 100 |
| 903 | <i>Arabidopsis</i> Brassinosteroid-overproducing gulliver3-D/dwarf4-D mutants exhibit altered responses to Jasmonic acid and pathogen. <i>Plant Cell Reports</i> , 2013, 32, 1139-1149. | 2.8 | 47 |
| 904 | Crosstalk between salicylic acid and jasmonate in <i>Arabidopsis</i> investigated by an integrated proteomic and transcriptomic approach. <i>Molecular BioSystems</i> , 2013, 9, 1169. | 2.9 | 68 |
| 905 | Ecological and phytohormonal aspects of plant volatile emission in response to single and dual infestations with herbivores and phytopathogens. <i>Functional Ecology</i> , 2013, 27, 587-598. | 1.7 | 114 |
| 906 | Combined effects of arthropod herbivores and phytopathogens on plant performance. <i>Functional Ecology</i> , 2013, 27, 623-632. | 1.7 | 35 |
| 907 | Chitosan application improves resistance to <i>Fusarium circinatum</i> in <i>Pinus patula</i> . <i>South African Journal of Botany</i> , 2013, 85, 70-78. | 1.2 | 42 |
| 908 | Endogenous jasmonic and salicylic acids levels in the Cd-hyperaccumulator <i>Noccaea (Thlaspi) praecox</i> exposed to fungal infection and/or mechanical stress. <i>Plant Cell Reports</i> , 2013, 32, 1243-1249. | 2.8 | 55 |
| 909 | Consequences of flagellin export through the type III secretion system of <i>Pseudomonas syringae</i> reveal a major difference in the innate immune systems of mammals and the model plant <i>Nicotiana benthamiana</i> . <i>Cellular Microbiology</i> , 2013, 15, 601-618. | 1.1 | 49 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 910 | An Emerging Understanding of Mechanisms Governing Insect Herbivory Under Elevated CO ₂ . Annual Review of Entomology, 2013, 58, 79-97. | 5.7 | 166 |
| 911 | Hydrogen Peroxide Accumulation and Transcriptional Changes in Grapevines Recovered from Flavescence Dorée Disease. Phytopathology, 2013, 103, 776-784. | 1.1 | 48 |
| 912 | A Faster and a Stronger Defense Response: One of the Key Elements in Grapevine Explaining Its Lower Level of Susceptibility to Esca?. Phytopathology, 2013, 103, 1028-1034. | 1.1 | 24 |
| 913 | Fungal-specific transcription factor <i>AtP2</i> activates pathogenicity in <i>Alternaria brassicicola</i> . Plant Journal, 2013, 75, 498-514. | 2.8 | 58 |
| 914 | Tobacco MAP Kinase Phosphatase (NtMKP1) Negatively Regulates Wound Response and Induced Resistance Against Necrotrophic Pathogens and Lepidopteran Herbivores. Molecular Plant-Microbe Interactions, 2013, 26, 668-675. | 1.4 | 31 |
| 915 | RNA-seq based transcriptome analysis of <i>Lactuca sativa</i> infected by the fungal necrotroph <i>Botrytis cinerea</i> . Plant, Cell and Environment, 2013, 36, 1992-2007. | 2.8 | 129 |
| 916 | Bioassays for Assessing Jasmonate-Dependent Defenses Triggered by Pathogens, Herbivorous Insects, or Beneficial Rhizobacteria. Methods in Molecular Biology, 2013, 1011, 35-49. | 0.4 | 53 |
| 917 | Ethylene-Responsive AP2/ERF Transcription Factor MACD1 Participates in Phytotoxin-Triggered Programmed Cell Death. Molecular Plant-Microbe Interactions, 2013, 26, 868-879. | 1.4 | 47 |
| 918 | Defence responses regulated by jasmonate and delayed senescence caused by ethylene receptor mutation contribute to the tolerance of petunia to <i>Botrytis cinerea</i> . Molecular Plant Pathology, 2013, 14, 453-469. | 2.0 | 25 |
| 919 | Epigenetic Control of Plant Immunity. Signaling and Communication in Plants, 2013, , 57-76. | 0.5 | 4 |
| 920 | <i>Pseudomonas syringae</i> pv. <i>tomato</i> DC3000: A Model Pathogen for Probing Disease Susceptibility and Hormone Signaling in Plants. Annual Review of Phytopathology, 2013, 51, 473-498. | 3.5 | 535 |
| 921 | Identification of <i>Plasmopara viticola</i> Genes Potentially Involved in Pathogenesis on Grapevine Suggests New Similarities Between Oomycetes and True Fungi. Phytopathology, 2013, 103, 1035-1044. | 1.1 | 13 |
| 922 | The Interplay Between Salicylic and Jasmonic Acid During Phytopathogenesis. , 2013, , 277-297. | | 8 |
| 923 | Apoplastic immunity and its suppression by filamentous plant pathogens. New Phytologist, 2013, 198, 1001-1016. | 3.5 | 233 |
| 924 | JAV1 Controls Jasmonate-Regulated Plant Defense. Molecular Cell, 2013, 50, 504-515. | 4.5 | 146 |
| 925 | <i>Nicotiana benthamiana</i> Calreticulin 3a Is Required for the Ethylene-Mediated Production of Phytoalexins and Disease Resistance Against Oomycete Pathogen <i>Phytophthora infestans</i> . Molecular Plant-Microbe Interactions, 2013, 26, 880-892. | 1.4 | 46 |
| 926 | Systemic acquired resistance in Cavendish banana induced by infection with an incompatible strain of <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> . Journal of Plant Physiology, 2013, 170, 1039-1046. | 1.6 | 49 |
| 927 | Hessian fly larval attack triggers elevated expression of disease resistance dirigent-like protein-encoding gene, <i>HfrDrd</i> , in resistant wheat. Arthropod-Plant Interactions, 2013, 7, 389-402. | 0.5 | 24 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 928 | Purple Tomatoes: Longer Lasting, Less Disease, and Better for You. <i>Current Biology</i> , 2013, 23, R520-R521. | 1.8 | 14 |
| 929 | Variability in <i>Fusarium</i> species Causing Wilt Disease in Crops: A Transcriptomic Approach to Characterize Dialogue Between Host and Pathogen. , 2013, , 269-293. | | 2 |
| 930 | Biotic and Abiotic Stress Signaling in Plants. , 2013, , 25-49. | | 48 |
| 931 | MAPK Cascades in Plant Disease Resistance Signaling. <i>Annual Review of Phytopathology</i> , 2013, 51, 245-266. | 3.5 | 1,009 |
| 932 | Signaling cross-talk in plant disease resistance. <i>Plant Science</i> , 2013, 207, 79-87. | 1.7 | 252 |
| 933 | Hormonal interactions and gene regulation can link monoecy and environmental plasticity to the evolution of dioecy in plants. <i>American Journal of Botany</i> , 2013, 100, 1022-1037. | 0.8 | 92 |
| 934 | Manipulation of Host Proteasomes as a Virulence Mechanism of Plant Pathogens. <i>Annual Review of Phytopathology</i> , 2013, 51, 521-542. | 3.5 | 36 |
| 935 | Analyses of <i>wrky18 wrky40</i> Plants Reveal Critical Roles of SA/EDS1 Signaling and Indole-Glucosinolate Biosynthesis for <i>Golovinomyces orontii</i> Resistance and a Loss-of Resistance Towards <i>Pseudomonas syringae</i> pv. <i>tomato</i> AvrRPS4. <i>Molecular Plant-Microbe Interactions</i> . 2013. 26. 758-767. | 1.4 | 91 |
| 936 | Comparative Proteome Analysis of the Strawberry- <i>Fusarium oxysporum</i> f. sp. <i>fragariae</i> Pathosystem Reveals Early Activation of Defense Responses as a Crucial Determinant of Host Resistance. <i>Journal of Proteome Research</i> , 2013, 12, 1772-1788. | 1.8 | 28 |
| 937 | Emerging role of roots in plant responses to aboveground insect herbivory. <i>Insect Science</i> , 2013, 20, 286-296. | 1.5 | 18 |
| 938 | Metabolic Survey of Defense Responses to a Compatible Hemibiotroph, <i>Phytophthora parasitica</i> var. <i>nicotianae</i> , in Ethylene Signaling-Impaired Tobacco. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 8477-8489. | 2.4 | 9 |
| 939 | CaWRKY40, a WRKY protein of pepper, plays an important role in the regulation of tolerance to heat stress and resistance to <i>Ralstonia solanacearum</i> infection. <i>Plant, Cell and Environment</i> , 2013, 36, 757-774. | 2.8 | 259 |
| 940 | Towards establishing broad-spectrum disease resistance in plants: silicon leads the way. <i>Journal of Experimental Botany</i> , 2013, 64, 1281-1293. | 2.4 | 274 |
| 941 | Suppression of mRNAs for lipoxygenase (LOX), allene oxide synthase (AOS), allene oxide cyclase (AOC) and 12-oxo-phytodienoic acid reductase (OPR) in pea reduces sensitivity to the phytotoxin coronatine and disease development by <i>Mycosphaerella</i> <i>Pinodes</i> . <i>Journal of General Plant Pathology</i> , 2013, 79, 321-334. | 0.6 | 14 |
| 942 | Pathogen-Triggered Ethylene Signaling Mediates Systemic-Induced Susceptibility to Herbivory in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2013, 25, 4755-4766. | 3.1 | 41 |
| 943 | Multiple phytohormone signalling pathways modulate susceptibility of tomato plants to <i>Alternaria alternata</i> f. sp. <i>lycopersici</i> . <i>Journal of Experimental Botany</i> , 2013, 64, 637-650. | 2.4 | 74 |
| 944 | ML3: a novel regulator of herbivory-induced responses in <i>Arabidopsis thaliana</i> . <i>Journal of Experimental Botany</i> , 2013, 64, 935-948. | 2.4 | 10 |
| 945 | Negative Feedback Control of Jasmonate Signaling by an Alternative Splice Variant of JAZ10. <i>Plant Physiology</i> , 2013, 162, 1006-1017. | 2.3 | 120 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 946 | <i>Arabidopsis</i> RECEPTOR-LIKE PROTEIN30 and Receptor-Like Kinase SUPPRESSOR OF BIR1-1/EVERSHED Mediate Innate Immunity to Necrotrophic Fungi. <i>Plant Cell</i> , 2013, 25, 4227-4241. | 3.1 | 265 |
| 947 | The bHLH Subgroup IIIId Factors Negatively Regulate Jasmonate-Mediated Plant Defense and Development. <i>PLoS Genetics</i> , 2013, 9, e1003653. | 1.5 | 237 |
| 948 | Inoculation of tomato plants with rhizobacteria enhances the performance of the phloem-feeding insect <i>Bemisia tabaci</i> . <i>Frontiers in Plant Science</i> , 2013, 4, 306. | 1.7 | 38 |
| 949 | Natural Variation in Small Molecule-Induced TIR-NB-LRR Signaling Induces Root Growth Arrest via EDS1- and PAD4-Complexed R Protein VICTR in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2013, 24, 5177-5192. | 3.1 | 64 |
| 950 | Role of Monophenols in the Recovery Process of Wild-Type Yeast Cells Subjected to Severe Environmental Stress. <i>Polish Journal of Food and Nutrition Sciences</i> , 2013, 63, 187-191. | 0.6 | 1 |
| 951 | NBR1-Mediated Selective Autophagy Targets Insoluble Ubiquitinated Protein Aggregates in Plant Stress Responses. <i>PLoS Genetics</i> , 2013, 9, e1003196. | 1.5 | 281 |
| 952 | Tomato transcriptome and mutant analyses suggest a role for plant stress hormones in the interaction between fruit and <i>Botrytis cinerea</i> . <i>Frontiers in Plant Science</i> , 2013, 4, 142. | 1.7 | 131 |
| 953 | Role of Tomato Lipoxygenase D in Wound-Induced Jasmonate Biosynthesis and Plant Immunity to Insect Herbivores. <i>PLoS Genetics</i> , 2013, 9, e1003964. | 1.5 | 166 |
| 954 | E-2-hexenal promotes susceptibility to <i>Pseudomonas syringae</i> by activating jasmonic acid pathways in <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2013, 4, 74. | 1.7 | 45 |
| 955 | <i>Arabidopsis</i> redox status in response to caterpillar herbivory. <i>Frontiers in Plant Science</i> , 2013, 4, 113. | 1.7 | 14 |
| 956 | The role of nitric oxide in the interaction of <i>Arabidopsis thaliana</i> with the biotrophic fungi, <i>Golovinomyces orontii</i> and <i>Erysiphe pisi</i> . <i>Frontiers in Plant Science</i> , 2013, 4, 351. | 1.7 | 40 |
| 957 | Onset of herbivore-induced resistance in systemic tissue primed for jasmonate-dependent defenses is activated by abscisic acid. <i>Frontiers in Plant Science</i> , 2013, 4, 539. | 1.7 | 144 |
| 958 | Expression of defence-related genes against <i>Phytophthora cinnamomi</i> in five avocado rootstocks. <i>South African Journal of Science</i> , 2013, 109, 8. | 0.3 | 35 |
| 959 | Fungi Infecting Plants and Animals: Killers, Non-Killers, and Cell Death. <i>PLoS Pathogens</i> , 2013, 9, e1003517. | 2.1 | 32 |
| 960 | The identification and differential expression of <i>Eucalyptus grandis</i> pathogenesis-related genes in response to salicylic acid and methyl jasmonate. <i>Frontiers in Plant Science</i> , 2013, 4, 43. | 1.7 | 31 |
| 961 | A Novel Peroxidase CanPOD Gene of Pepper Is Involved in Defense Responses to <i>Phytophthora capsici</i> Infection as well as Abiotic Stress Tolerance. <i>International Journal of Molecular Sciences</i> , 2013, 14, 3158-3177. | 1.8 | 79 |
| 962 | Induced Production of 1-Methoxy-indol-3-ylmethyl Glucosinolate by Jasmonic Acid and Methyl Jasmonate in Sprouts and Leaves of Pak Choi (<i>Brassica rapa</i> ssp. <i>chinensis</i>). <i>International Journal of Molecular Sciences</i> , 2013, 14, 14996-15016. | 1.8 | 67 |
| 963 | Green Leaf Volatiles: A Plant's Multifunctional Weapon against Herbivores and Pathogens. <i>International Journal of Molecular Sciences</i> , 2013, 14, 17781-17811. | 1.8 | 355 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 964 | Disruption of <i>Rpp1</i> -mediated soybean rust immunity by virus-induced gene silencing. <i>Plant Signaling and Behavior</i> , 2013, 8, e27543. | 1.2 | 20 |
| 965 | Hemoglobin regulation of plant embryogenesis and plant pathogen interaction. <i>Plant Signaling and Behavior</i> , 2013, 8, e25264. | 1.2 | 12 |
| 966 | Transient Transcriptional Regulation of the CYS-C1 Gene and Cyanide Accumulation upon Pathogen Infection in the Plant Immune Response. <i>Plant Physiology</i> , 2013, 162, 2015-2027. | 2.3 | 39 |
| 967 | Nuclear jasmonate and salicylate signaling and crosstalk in defense against pathogens. <i>Frontiers in Plant Science</i> , 2013, 4, 72. | 1.7 | 144 |
| 968 | Disease resistance or growth: the role of plant hormones in balancing immune responses and fitness costs. <i>Frontiers in Plant Science</i> , 2013, 4, 155. | 1.7 | 505 |
| 969 | Pipecolic Acid, an Endogenous Mediator of Defense Amplification and Priming, Is a Critical Regulator of Inducible Plant Immunity. <i>Plant Cell</i> , 2013, 24, 5123-5141. | 3.1 | 525 |
| 970 | Endoplasmic Reticulum Glucosidases and Protein Quality Control Factors Cooperate to Establish Biotrophy in <i>Ustilago maydis</i> . <i>Plant Cell</i> , 2013, 25, 4676-4690. | 3.1 | 27 |
| 971 | The antagonistic strain <i>Bacillus subtilis</i> UMAF6639 also confers protection to melon plants against cucurbit powdery mildew by activation of jasmonate- and salicylic acid-dependent defence responses. <i>Microbial Biotechnology</i> , 2013, 6, 264-274. | 2.0 | 174 |
| 972 | The emerging role of photorespiration and non-photorespiratory peroxisomal metabolism in pathogen defence. <i>Plant Biology</i> , 2013, 15, 723-736. | 1.8 | 62 |
| 973 | Fitness costs and tradeoffs of disease resistance and their consequences for breeding arable crops. <i>Plant Pathology</i> , 2013, 62, 83-95. | 1.2 | 115 |
| 974 | Genetic variation for resistance to herbivores and plant pathogens: hypotheses, mechanisms and evolutionary implications. <i>Plant Pathology</i> , 2013, 62, 122-132. | 1.2 | 36 |
| 975 | <i>Arabidopsis thaliana</i> transgenics overexpressing <i>IBR3</i> show enhanced susceptibility to the bacterium <i>Pseudomonas syringae</i> . <i>Plant Biology</i> , 2013, 15, 832-840. | 1.8 | 14 |
| 976 | Involvement of the glutamate receptor <i>AtGLR3.3</i> in plant defense signaling and resistance to <i>Hyaloperonospora arabidopsidis</i> . <i>Plant Journal</i> , 2013, 76, 466-480. | 2.8 | 102 |
| 977 | Glutathione and tryptophan metabolism are required for <i>Arabidopsis</i> immunity during the hypersensitive response to hemibiotrophs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9589-9594. | 3.3 | 121 |
| 978 | Layered pattern receptor signaling via ethylene and endogenous elicitor peptides during <i>Arabidopsis</i> immunity to bacterial infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6211-6216. | 3.3 | 165 |
| 979 | PSKR1 and PSY1R-mediated regulation of plant defense responses. <i>Plant Signaling and Behavior</i> , 2013, 8, e24119. | 1.2 | 47 |
| 980 | Root-Based Innate Immunity and Its Suppression by the Mutualistic Fungus <i>Piriformospora indica</i> . <i>Soil Biology</i> , 2013, , 223-237. | 0.6 | 3 |
| 981 | Salicylic Acid Suppresses Jasmonic Acid Signaling Downstream of SCFCO11-JAZ by Targeting GCC Promoter Motifs via Transcription Factor ORA59. <i>Plant Cell</i> , 2013, 25, 744-761. | 3.1 | 381 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 982 | The Epiphytic Fungus <i>Pseudozyma aphidis</i> Induces Jasmonic Acid- and Salicylic Acid/Nonexpressor of PR1-Independent Local and Systemic Resistance. <i>Plant Physiology</i> , 2013, 161, 2014-2022. | 2.3 | 53 |
| 983 | Phosphorylation of an ERF Transcription Factor by <i>Arabidopsis</i> MPK3/MPK6 Regulates Plant Defense Gene Induction and Fungal Resistance. <i>Plant Cell</i> , 2013, 25, 1126-1142. | 3.1 | 362 |
| 984 | Characterization of the <i>LOV1</i> -Mediated, Victorin-Induced, Cell-Death Response with Virus-Induced Gene Silencing. <i>Molecular Plant-Microbe Interactions</i> , 2013, 26, 903-917. | 1.4 | 30 |
| 985 | Functional Analysis of the Promoter of a Glycosyl Hydrolase Gene Induced in Resistant <i>Sinapis alba</i> by <i>Alternaria brassicicola</i> . <i>Phytopathology</i> , 2013, 103, 841-850. | 1.1 | 11 |
| 986 | Arbuscular Mycorrhizas and their Significance in Promoting Soil-Plant System Sustainability against Environmental Stresses. , 2013, , 353-387. | | 32 |
| 987 | Characterization of genes expressed in <i>Casuarina equisetifolia</i> in response to elicitation by cell wall components of <i>Trichosporium vesiculosum</i> . <i>Silvae Genetica</i> , 2013, 62, 161-172. | 0.4 | 1 |
| 988 | Deciphering the hormonal signalling network behind the systemic resistance induced by <i>Trichoderma harzianum</i> in tomato. <i>Frontiers in Plant Science</i> , 2013, 4, 206. | 1.7 | 199 |
| 989 | UNDERSTANDING PLANT IMMUNITY: TRANSCRIPTOME PROFILING IN MUSA-PATHOGEN INTERACTIONS USING NEXT GENERATION SEQUENCING. <i>Acta Horticulturae</i> , 2013, , 227-240. | 0.1 | 1 |
| 990 | Genetic and Genomic Analysis of <i>Rhizoctonia solani</i> Interactions with <i>Arabidopsis</i> ; Evidence of Resistance Mediated through NADPH Oxidases. <i>PLoS ONE</i> , 2013, 8, e56814. | 1.1 | 56 |
| 991 | Spatio-Temporal Expression Patterns of <i>Arabidopsis thaliana</i> and <i>Medicago truncatula</i> Defensin-Like Genes. <i>PLoS ONE</i> , 2013, 8, e58992. | 1.1 | 54 |
| 992 | Genomic Organization, Phylogenetic Comparison and Differential Expression of the SBP-Box Family Genes in Grape. <i>PLoS ONE</i> , 2013, 8, e59358. | 1.1 | 102 |
| 993 | Pattern-Triggered Immunity Suppresses Programmed Cell Death Triggered by Fumonisin B1. <i>PLoS ONE</i> , 2013, 8, e60769. | 1.1 | 30 |
| 994 | Identification of Genes Involved in Wild Crucifer <i>Rorippa indica</i> Resistance Response on Mustard Aphid <i>Lipaphis erysimi</i> Challenge. <i>PLoS ONE</i> , 2013, 8, e73632. | 1.1 | 21 |
| 995 | The <i>Pseudomonas syringae</i> pv. tomato Type III Effector HopM1 Suppresses <i>Arabidopsis</i> Defenses Independent of Suppressing Salicylic Acid Signaling and of Targeting AtMIN7. <i>PLoS ONE</i> , 2013, 8, e82032. | 1.1 | 22 |
| 996 | <i>Arabidopsis</i> Heterotrimeric G-Proteins Play a Critical Role in Host and Nonhost Resistance against <i>Pseudomonas syringae</i> Pathogens. <i>PLoS ONE</i> , 2013, 8, e82445. | 1.1 | 50 |
| 997 | Evidence for Biotrophic Lifestyle and Biocontrol Potential of Dark Septate Endophyte <i>Harpophora oryzae</i> to Rice Blast Disease. <i>PLoS ONE</i> , 2013, 8, e61332. | 1.1 | 81 |
| 998 | Pathogenicity of and plant immunity to soft rot pectobacteria. <i>Frontiers in Plant Science</i> , 2013, 4, 191. | 1.7 | 122 |
| 999 | The Metabolic Interplay between Plants and Phytopathogens. <i>Metabolites</i> , 2013, 3, 1-23. | 1.3 | 47 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1000 | Jasmonate Biosynthesis, Perception and Function in Plant Development and Stress Responses. , 0, , . | | 33 |
| 1001 | Reactive oxygen and nitrogen species and hormone signalling in systemic infection of pea by Pea enation mosaic virus. <i>Plant Protection Science</i> , 2013, 49, 105-119. | 0.7 | 7 |
| 1002 | Algal polysaccharides as source of plant resistance inducers. <i>Tropical Plant Pathology</i> , 2014, 39, 111-118. | 0.8 | 114 |
| 1003 | Redox Modulation Matters: Emerging Functions for Glutaredoxins in Plant Development and Stress Responses. <i>Plants</i> , 2014, 3, 559-582. | 1.6 | 34 |
| 1004 | The Sulfated Laminarin Triggers a Stress Transcriptome before Priming the SA- and ROS-Dependent Defenses during Grapevine's Induced Resistance against <i>Plasmopara viticola</i> . <i>PLoS ONE</i> , 2014, 9, e88145. | 1.1 | 106 |
| 1005 | The Non-JAZ TIFY Protein TIFY8 from <i>Arabidopsis thaliana</i> Is a Transcriptional Repressor. <i>PLoS ONE</i> , 2014, 9, e84891. | 1.1 | 55 |
| 1006 | Investigation of Intercellular Salicylic Acid Accumulation during Compatible and Incompatible <i>Arabidopsis-Pseudomonas syringae</i> Interactions Using a Fast Neutron-Generated Mutant Allele of EDS5 Identified by Genetic Mapping and Whole-Genome Sequencing. <i>PLoS ONE</i> , 2014, 9, e88608. | 1.1 | 28 |
| 1007 | Cytological and Transcriptional Dynamics Analysis of Host Plant Revealed Stage-Specific Biological Processes Related to Compatible Rice- <i>Ustilagoidea vires</i> Interaction. <i>PLoS ONE</i> , 2014, 9, e91391. | 1.1 | 37 |
| 1008 | Analysis of Plant-Bacteria Interactions in Their Native Habitat: Bacterial Communities Associated with Wild Tobacco Are Independent of Endogenous Jasmonic Acid Levels and Developmental Stages. <i>PLoS ONE</i> , 2014, 9, e94710. | 1.1 | 43 |
| 1009 | Characterization of <i>Withania somnifera</i> Leaf Transcriptome and Expression Analysis of Pathogenesis "Related Genes during Salicylic Acid Signaling. <i>PLoS ONE</i> , 2014, 9, e94803. | 1.1 | 26 |
| 1010 | Overexpression of a Defensin Enhances Resistance to a Fruit-Specific Anthracnose Fungus in Pepper. <i>PLoS ONE</i> , 2014, 9, e97936. | 1.1 | 49 |
| 1011 | Isolating Fungal Pathogens from a Dynamic Disease Outbreak in a Native Plant Population to Establish Plant-Pathogen Bioassays for the Ecological Model Plant <i>Nicotiana attenuata</i> . <i>PLoS ONE</i> , 2014, 9, e102915. | 1.1 | 28 |
| 1012 | Evidence of salicylic acid regulatory mechanisms of disease resistance against banana vascular wilt <i>Fusarium oxysporium</i> f.sp. <i>cubense</i> in <i>Arabidopsis thaliana</i> . <i>African Journal of Biotechnology</i> , 2014, 13, 3030-3035. | 0.3 | 1 |
| 1013 | Oxidative burst and the activity of defense-related enzymes in compatible and incompatible tomato- <i>Alternaria solani</i> interactions. <i>Semina:Ciencias Agrarias</i> , 2014, 35, 2399. | 0.1 | 4 |
| 1015 | Potential of ethyl acetate fractions of <i>Stryphnodendron adstringens</i> shells and fruit extracts of <i>Caesalpinia ferrea</i> to control bacterial leaf speck and on the potentiation of defense enzymes in tomato. <i>Tropical Plant Pathology</i> , 2014, 39, 267-274. | 0.8 | 3 |
| 1017 | Characterization of a Tryptophan 2-Monooxygenase Gene from <i>Puccinia graminis</i> f. sp. <i>tritici</i> Involved in Auxin Biosynthesis and Rust Pathogenicity. <i>Molecular Plant-Microbe Interactions</i> , 2014, 27, 227-235. | 1.4 | 61 |
| 1018 | Scopoletin is a phytoalexin against <i>Alternaria alternata</i> in wild tobacco dependent on jasmonate signalling. <i>Journal of Experimental Botany</i> , 2014, 65, 4305-4315. | 2.4 | 113 |
| 1019 | Plant MicroRNAs Responsive to Fungal Infection. <i>Advanced Materials Research</i> , 0, 941-944, 1141-1145. | 0.3 | 1 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1021 | The Role of Microbial Inoculants in Integrated Crop Management Systems. <i>Potato Research</i> , 2014, 57, 291-309. | 1.2 | 42 |
| 1023 | Unraveling the Dark Septate Endophyte Functions: Insights from the Arabidopsis Model. , 2014, , 115-141. | | 27 |
| 1024 | Defense suppression benefits herbivores that have a monopoly on their feeding site but can backfire within natural communities. <i>BMC Biology</i> , 2014, 12, 98. | 1.7 | 82 |
| 1025 | Impact of the UPR on the virulence of the plant fungal pathogen <i>A. brassicicola</i> . <i>Virulence</i> , 2014, 5, 357-364. | 1.8 | 25 |
| 1026 | An aboveground pathogen inhibits belowground rhizobia and arbuscular mycorrhizal fungi in <i>Phaseolus vulgaris</i> . <i>BMC Plant Biology</i> , 2014, 14, 321. | 1.6 | 33 |
| 1027 | Allelic diversity in the transcriptomes of contrasting rust-infected genotypes of <i>Lathyrus sativus</i> , a lasting resource for smart breeding. <i>BMC Plant Biology</i> , 2014, 14, 376. | 1.6 | 37 |
| 1028 | Water Balance, Hormone Homeostasis, and Sugar Signaling Are All Involved in Tomato Resistance to <i>Tomato Yellow Leaf Curl Virus</i> . <i>Plant Physiology</i> , 2014, 165, 1684-1697. | 2.3 | 60 |
| 1029 | Evolutionary tinkering of the expression of PDF1s suggests their joint effect on zinc tolerance and the response to pathogen attack. <i>Frontiers in Plant Science</i> , 2014, 5, 70. | 1.7 | 25 |
| 1030 | Callose-mediated resistance to pathogenic intruders in plant defense-related papillae. <i>Frontiers in Plant Science</i> , 2014, 5, 168. | 1.7 | 193 |
| 1031 | The role of the secondary cell wall in plant resistance to pathogens. <i>Frontiers in Plant Science</i> , 2014, 5, 358. | 1.7 | 455 |
| 1032 | Development of disease-resistant rice using regulatory components of induced disease resistance. <i>Frontiers in Plant Science</i> , 2014, 5, 630. | 1.7 | 58 |
| 1033 | Soybean and casein hydrolysates induce grapevine immune responses and resistance against <i>Plasmopara viticola</i> . <i>Frontiers in Plant Science</i> , 2014, 5, 716. | 1.7 | 45 |
| 1034 | Enhanced Plant Immunity Using <i>Trichoderma</i> . , 2014, , 495-504. | | 14 |
| 1035 | Disruption of the ammonium transporter AMT1.1 alters basal defenses generating resistance against <i>Pseudomonas syringae</i> and <i>Plectosphaerella cucumerina</i> . <i>Frontiers in Plant Science</i> , 2014, 5, 231. | 1.7 | 42 |
| 1036 | Control of foliar pathogens of spring barley using a combination of resistance elicitors. <i>Frontiers in Plant Science</i> , 2014, 5, 241. | 1.7 | 25 |
| 1037 | Expression Profiling during Arabidopsis/Downy Mildew Interaction Reveals a Highly-Expressed Effector That Attenuates Responses to Salicylic Acid. <i>PLoS Pathogens</i> , 2014, 10, e1004443. | 2.1 | 117 |
| 1038 | <i>Aspergillus flavus</i> infection induces transcriptional and physical changes in developing maize kernels. <i>Frontiers in Microbiology</i> , 2014, 5, 384. | 1.5 | 63 |
| 1039 | Physiological and molecular implications of plant polyamine metabolism during biotic interactions. <i>Frontiers in Plant Science</i> , 2014, 5, 95. | 1.7 | 90 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1040 | LIK1, A CERK1-Interacting Kinase, Regulates Plant Immune Responses in Arabidopsis. PLoS ONE, 2014, 9, e102245. | 1.1 | 86 |
| 1041 | Uncovering plant-pathogen crosstalk through apoplastic proteomic studies. Frontiers in Plant Science, 2014, 5, 249. | 1.7 | 135 |
| 1042 | Preparing to fight back: generation and storage of priming compounds. Frontiers in Plant Science, 2014, 5, 295. | 1.7 | 104 |
| 1043 | Toward a systems understanding of plant-microbe interactions. Frontiers in Plant Science, 2014, 5, 423. | 1.7 | 42 |
| 1044 | Genome-Wide Identification, Evolution and Expression Analysis of the Grape (<i>Vitis vinifera</i> L.) Zinc Finger-Homeodomain Gene Family. International Journal of Molecular Sciences, 2014, 15, 5730-5748. | 1.8 | 44 |
| 1045 | Chp8, a Diguanylate Cyclase from <i>Pseudomonas syringae</i> pv. Tomato DC3000, Suppresses the Pathogen-Associated Molecular Pattern Flagellin, Increases Extracellular Polysaccharides, and Promotes Plant Immune Evasion. MBio, 2014, 5, e01168-14. | 1.8 | 37 |
| 1046 | AtROP1 negatively regulates potato resistance to <i>Phytophthora infestans</i> via NADPH oxidase-mediated accumulation of H ₂ O ₂ . BMC Plant Biology, 2014, 14, 392. | 1.6 | 19 |
| 1047 | A novel protein elicitor (SsCut) from <i>Sclerotinia sclerotiorum</i> induces multiple defense responses in plants. Plant Molecular Biology, 2014, 86, 495-511. | 2.0 | 86 |
| 1048 | Auxins in defense strategies. Biologia (Poland), 2014, 69, 1255-1263. | 0.8 | 16 |
| 1049 | The phytotoxin coronatine is a multifunctional component of the virulence armament of <i>Pseudomonas syringae</i> . Planta, 2014, 240, 1149-1165. | 1.6 | 112 |
| 1050 | Identification and characterization of genes involved in the jasmonate biosynthetic and signaling pathways in mulberry (<i>Morus notabilis</i>). Journal of Integrative Plant Biology, 2014, 56, 663-672. | 4.1 | 6 |
| 1051 | Constitutive expression of the poplar WRKY transcription factor PtoWRKY60 enhances resistance to <i>Dothiorella gregaria</i> Sacc. in transgenic plants. Tree Physiology, 2014, 34, 1118-1129. | 1.4 | 26 |
| 1052 | Caterpillar-induced plant volatiles remain a reliable signal for foraging wasps during dual attack with a plant pathogen or non-host insect herbivore. Plant, Cell and Environment, 2014, 37, 1924-1935. | 2.8 | 66 |
| 1053 | Endoplasmic Reticulum-associated Inactivation of the Hormone Jasmonoyl-L-Isoleucine by Multiple Members of the Cytochrome P450 94 Family in Arabidopsis. Journal of Biological Chemistry, 2014, 289, 29728-29738. | 1.6 | 96 |
| 1054 | Biotechnological Approaches to Barley Improvement. Biotechnology in Agriculture and Forestry, 2014, , . | 0.2 | 7 |
| 1055 | Requirement of ABA signalling-mediated stomatal closure for resistance of wild tobacco to <i>Alternaria alternata</i> . Plant Pathology, 2014, 63, 1070-1077. | 1.2 | 50 |
| 1056 | Unusual negative charge-directed fragmentation: collision-induced dissociation of cyclopentenone oxylipins in negative ion mode. Rapid Communications in Mass Spectrometry, 2014, 28, 457-464. | 0.7 | 13 |
| 1057 | Altered growth and improved resistance of Arabidopsis against <i>Pseudomonas syringae</i> by overexpression of the basic amino acid transporter AtCAT1. Plant, Cell and Environment, 2014, 37, 1404-1414. | 2.8 | 49 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1058 | Different metabolic and genetic responses in citrus may explain relative susceptibility to <i>Tetranychus urticae</i> . <i>Pest Management Science</i> , 2014, 70, 1728-1741. | 1.7 | 57 |
| 1059 | Regulation of plant immunity through ubiquitin-mediated modulation of Ca ²⁺ -calmodulin- ϵ -SR1/CAMTA3 signaling. <i>Plant Journal</i> , 2014, 78, 269-281. | 2.8 | 84 |
| 1060 | Improving crop disease resistance: lessons from research on Arabidopsis and tomato. <i>Frontiers in Plant Science</i> , 2014, 5, 671. | 1.7 | 77 |
| 1061 | Biological and chemical dependent systemic resistance and their significance for the control of root-knot nematodes. <i>Nematology</i> , 2014, 16, 917-927. | 0.2 | 23 |
| 1062 | Association mapping for partial resistance to <i>Phytophthora sojae</i> in soybean (<i>Glycine max</i> (L.) Merr.). <i>Journal of Genetics</i> , 2014, 93, 355-363. | 0.4 | 31 |
| 1063 | Tomato SR/CAMTA transcription factors SISR1 and SISR3L negatively regulate disease resistance response and SISR1L positively modulates drought stress tolerance. <i>BMC Plant Biology</i> , 2014, 14, 286. | 1.6 | 62 |
| 1064 | Foliar treatments with <i>Gaultheria procumbens</i> essential oil induce defense responses and resistance against a fungal pathogen in Arabidopsis. <i>Frontiers in Plant Science</i> , 2014, 5, 477. | 1.7 | 29 |
| 1065 | Cyclic Nucleotides and Nucleotide Cyclases in Plants Under Stress. , 2014, , 119-151. | | 1 |
| 1066 | Making sense of hormone-mediated defense networking: from rice to Arabidopsis. <i>Frontiers in Plant Science</i> , 2014, 5, 611. | 1.7 | 184 |
| 1067 | Enhancing crop resilience to combined abiotic and biotic stress through the dissection of physiological and molecular crosstalk. <i>Frontiers in Plant Science</i> , 2014, 5, 207. | 1.7 | 295 |
| 1068 | Tomato Genome-Wide Transcriptional Responses to Fusarium Wilt and Tomato Mosaic Virus. <i>PLoS ONE</i> , 2014, 9, e94963. | 1.1 | 28 |
| 1069 | Host and Nonhost Response to Attack by Fungal Pathogens. <i>Biotechnology in Agriculture and Forestry</i> , 2014, , 197-235. | 0.2 | 1 |
| 1070 | Na ⁺ /H ⁺ exchanger 1 participates in tobacco disease defence against <i>Phytophthora parasitica</i> var. <i>nicotianae</i> by affecting vacuolar pH and priming the antioxidative system. <i>Journal of Experimental Botany</i> , 2014, 65, 6107-6122. | 2.4 | 20 |
| 1071 | Environmental influences on maize- <i>Aspergillus flavus</i> interactions and aflatoxin production. <i>Frontiers in Microbiology</i> , 2014, 5, 40. | 1.5 | 98 |
| 1072 | Manganese superoxide dismutase in <i>Meloidogyne incognita</i> isolates selected for virulence on Mi-1-carrying tomato: gene expression and enzyme activity. <i>Nematology</i> , 2014, 16, 249-257. | 0.2 | 0 |
| 1073 | Three-Way Interactions Between the Tomato Plant, Tomato Yellow Leaf Curl Virus, and <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae) Facilitate Virus Spread. <i>Journal of Economic Entomology</i> , 2014, 107, 920-926. | 0.8 | 23 |
| 1074 | Early transcriptional responses to mercury: a role for ethylene in mercury-induced stress. <i>New Phytologist</i> , 2014, 201, 116-130. | 3.5 | 87 |
| 1075 | BLADE-ON-PETIOLE genes: Setting boundaries in development and defense. <i>Plant Science</i> , 2014, 215-216, 157-171. | 1.7 | 63 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1076 | Ecological understanding of root-infecting fungi using trait-based approaches. <i>Trends in Plant Science</i> , 2014, 19, 432-438. | 4.3 | 68 |
| 1077 | Expression analysis of major genes involved in signaling pathways during infection of Chinese cabbage with <i>Hyaloperonospora brassicae</i> . <i>Scientia Horticulturae</i> , 2014, 167, 27-35. | 1.7 | 11 |
| 1078 | Understanding cross-communication between aboveground and belowground tissues via transcriptome analysis of a sucking insect whitefly-infested pepper plants. <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 272-277. | 1.0 | 17 |
| 1079 | Identification of Genes Involved in Resistance to <i>Didymella pinodes</i> in Pea by deepSuperSAGE Transcriptome Profiling. <i>Plant Molecular Biology Reporter</i> , 2014, 32, 258-269. | 1.0 | 24 |
| 1080 | Expression of defence genes in stolbur phytoplasma infected tomatoes, and effect of defence stimulators on disease development. <i>European Journal of Plant Pathology</i> , 2014, 139, 39-51. | 0.8 | 16 |
| 1081 | Induced Defense in Plants: A Short Overview. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2014, 84, 669-679. | 0.4 | 9 |
| 1083 | Expression of tomato salicylic acid (<sc>SA</sc>)â€responsive pathogenesisâ€related genes in <i><sc>Mi</sc>â€mediated and <sc>SA</sc>â€induced resistance to rootâ€knot nematodes. <i>Molecular Plant Pathology</i> , 2014, 15, 255-264. | 2.0 | 128 |
| 1084 | Comparative expression analysis of resistant and susceptible <i>Populus</i> clones inoculated with <i>Septoria musiva</i> . <i>Plant Science</i> , 2014, 223, 69-78. | 1.7 | 21 |
| 1085 | Heat shock, with recovery, promotes protection of <i>Nicotiana tabacum</i> during subsequent exposure to <i>Ralstonia solanacearum</i> . <i>Cell Stress and Chaperones</i> , 2014, 19, 193-203. | 1.2 | 5 |
| 1086 | Comparative pathobiology of <i>Heterobasidion annosum</i> during challenge on <i>Pinus sylvestris</i> and <i>Arabidopsis</i> roots: an analysis of defensin gene expression in two pathosystems. <i>Planta</i> , 2014, 239, 717-733. | 1.6 | 10 |
| 1087 | Genetics and molecular mechanisms of resistance to powdery mildews in tomato (<i>Solanum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 342 T | 0.8 | 31 |
| 1088 | The Chilli Veinal Mottle Virus Regulates Expression of the Tobacco Mosaic Virus Resistance Gene N and Jasmonic Acid/Ethylene Signaling Is Essential for Systemic Resistance Against Chilli Veinal Mottle Virus in Tobacco. <i>Plant Molecular Biology Reporter</i> , 2014, 32, 382-394. | 1.0 | 35 |
| 1089 | Defence Signalling Pathways Involved in Plant Resistance and Phosphite-Mediated Control of <i>Phytophthora Cinnamomi</i> . <i>Plant Molecular Biology Reporter</i> , 2014, 32, 342-356. | 1.0 | 33 |
| 1090 | Molecular response to the pathogen <i>Phytophthora sojae</i> among ten soybean near isogenic lines revealed by comparative transcriptomics. <i>BMC Genomics</i> , 2014, 15, 18. | 1.2 | 67 |
| 1091 | Transcriptional profile of tomato roots exhibiting <i>Bacillus thuringiensis</i> -induced resistance to <i>Ralstonia solanacearum</i> . <i>Plant Cell Reports</i> , 2014, 33, 99-110. | 2.8 | 44 |
| 1092 | Long-Term Induction of Defense Gene Expression in Potato by <i>Pseudomonas</i> sp. LBUM223 and <i>Streptomyces scabies</i> . <i>Phytopathology</i> , 2014, 104, 926-932. | 1.1 | 32 |
| 1093 | Ethylene and jasmonic acid act as negative modulators during mutualistic symbiosis between <i><sc>L</sc>accaria bicolor</i> and <i><sc>P</sc>opulus</i> roots. <i>New Phytologist</i> , 2014, 202, 270-286. | 3.5 | 87 |
| 1094 | Identification of candidate genes for fusarium yellows resistance in Chinese cabbage by differential expression analysis. <i>Plant Molecular Biology</i> , 2014, 85, 247-257. | 2.0 | 57 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1095 | Fungal (-like) biocontrol organisms in tomato disease control. <i>Biological Control</i> , 2014, 74, 65-81. | 1.4 | 82 |
| 1096 | Interaction of <i>Moniliophthora perniciosa</i> biotypes with <i>Tomato</i> : a model system to investigate the witches' broom disease of <i>Theobroma cacao</i> . <i>Plant Pathology</i> , 2014, 63, 1251-1263. | 1.2 | 17 |
| 1097 | <i>Golden2-LIKE</i> (<i>GLK</i>) transcription factors activate jasmonic acid (<i>JA</i>)-dependent disease susceptibility to the biotrophic pathogen <i>Hyaloperonospora arabidopsidis</i> , as well as <i>JA</i> -independent plant immunity against the necrotrophic pathogen <i>Botrytis cinerea</i> . <i>Molecular Plant Pathology</i> , 2014, 15, 174-184. | 2.0 | 66 |
| 1098 | A chemical genetic approach demonstrates that <i>MPK3</i> / <i>MPK6</i> activation and <i>NADPH</i> oxidase-mediated oxidative burst are two independent signaling events in plant immunity. <i>Plant Journal</i> , 2014, 77, 222-234. | 2.8 | 166 |
| 1099 | Growth-Defense Tradeoffs in Plants: A Balancing Act to Optimize Fitness. <i>Molecular Plant</i> , 2014, 7, 1267-1287. | 3.9 | 1,206 |
| 1100 | Exploiting jasmonate-induced responses for field protection of conifer seedlings against a major forest pest, <i>Hylobius abietis</i> . <i>Forest Ecology and Management</i> , 2014, 313, 212-223. | 1.4 | 54 |
| 1101 | Plant hormones in defense response of <i>Brassica napus</i> to <i>Sclerotinia sclerotiorum</i> - Reassessing the role of salicylic acid in the interaction with a necrotroph. <i>Plant Physiology and Biochemistry</i> , 2014, 80, 308-317. | 2.8 | 106 |
| 1102 | Cell-wall invertases, key enzymes in the modulation of plant metabolism during defence responses. <i>Molecular Plant Pathology</i> , 2014, 15, 858-864. | 2.0 | 110 |
| 1103 | Effects of pre- and post-treatment with ethephon on gum formation of peach gummosis caused by <i>Lasiodiplodia theobromae</i> . <i>Plant Pathology</i> , 2014, 63, 1306-1315. | 1.2 | 10 |
| 1104 | Diverse functional interactions between nitric oxide and abscisic acid in plant development and responses to stress. <i>Journal of Experimental Botany</i> , 2014, 65, 907-921. | 2.4 | 114 |
| 1105 | Biosynthesis, elicitation and roles of monocot terpenoid phytoalexins. <i>Plant Journal</i> , 2014, 79, 659-678. | 2.8 | 233 |
| 1106 | Overexpression of <i>BnWRKY33</i> in oilseed rape enhances resistance to <i>Sclerotinia sclerotiorum</i> . <i>Molecular Plant Pathology</i> , 2014, 15, 677-689. | 2.0 | 117 |
| 1107 | Overexpression of <i>CaWRKY27</i> , a subgroup <i>WRKY</i> transcription factor of <i>Capsicum annuum</i> , positively regulates tobacco resistance to <i>Ralstonia solanacearum</i> infection. <i>Physiologia Plantarum</i> , 2014, 150, 397-411. | 2.6 | 144 |
| 1108 | Phenotypical and molecular responses of <i>Arabidopsis thaliana</i> roots as a result of inoculation with the auxin-producing bacterium <i>Azospirillum brasilense</i> . <i>New Phytologist</i> , 2014, 201, 850-861. | 3.5 | 172 |
| 1109 | Inhibition of green mold disease in mandarins by preventive applications of methyl jasmonate and antagonistic yeast <i>Cryptococcus laurentii</i> . <i>Postharvest Biology and Technology</i> , 2014, 88, 72-78. | 2.9 | 74 |
| 1110 | Transcriptomic Profiling of Apple in Response to Inoculation with a Pathogen (<i>Penicillium expansum</i>) and a Non-pathogen (<i>Penicillium digitatum</i>). <i>Plant Molecular Biology Reporter</i> , 2014, 32, 566-583. | 1.0 | 41 |
| 1111 | Light Regulation of Plant Defense. <i>Annual Review of Plant Biology</i> , 2014, 65, 335-363. | 8.6 | 415 |
| 1112 | Mechanisms Underlying Robustness and Tunability in a Plant Immune Signaling Network. <i>Cell Host and Microbe</i> , 2014, 15, 84-94. | 5.1 | 117 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1113 | Ethylene: Role in Plants Under Environmental Stress. , 2014, , 189-222. | | 11 |
| 1114 | Orchestration of plant defense systems: genes to populations. Trends in Plant Science, 2014, 19, 250-255. | 4.3 | 18 |
| 1115 | Association of allelic variation in two NPR1-like genes with Fusarium head blight resistance in wheat. Molecular Breeding, 2014, 34, 31-43. | 1.0 | 19 |
| 1116 | iNID: An Analytical Framework for Identifying Network Models for Interplays among Developmental Signaling in Arabidopsis. Molecular Plant, 2014, 7, 792-813. | 3.9 | 9 |
| 1117 | High-Throughput Screening of Small-Molecule Libraries for Inducers of Plant Defense Responses. Methods in Molecular Biology, 2014, 1056, 45-49. | 0.4 | 3 |
| 1118 | Mapping and candidate gene identification of loci induced by phytohormones in barley (Hordeum) Tj ETQq1 1 0.784314 rgBT ₃ /Overlook | 0.6 | |
| 1119 | ZmMKK1, a novel group A mitogen-activated protein kinase kinase gene in maize, conferred chilling stress tolerance and was involved in pathogen defense in transgenic tobacco. Plant Science, 2014, 214, 57-73. | 1.7 | 71 |
| 1120 | Phospholipases in Plant Signaling. Signaling and Communication in Plants, 2014, , . | 0.5 | 12 |
| 1121 | Physiological Mechanisms and Adaptation Strategies in Plants Under Changing Environment. , 2014, , . | | 13 |
| 1122 | The Leucine-Rich Repeat Receptor Kinase BIR2 Is a Negative Regulator of BAK1 in Plant Immunity. Current Biology, 2014, 24, 134-143. | 1.8 | 219 |
| 1123 | Improvement of Crops in the Era of Climatic Changes. , 2014, , . | | 12 |
| 1124 | The Receptor Kinase IMPAIRED OOMYCETE SUSCEPTIBILITY1 Attenuates Abscisic Acid Responses in Arabidopsis. Plant Physiology, 2014, 166, 1506-1518. | 2.3 | 32 |
| 1125 | High-Resolution Transcript Profiling of the Atypical Biotrophic Interaction between <i>Theobroma cacao</i> and the Fungal Pathogen <i>Moniliophthora perniciosa</i> . Plant Cell, 2014, 26, 4245-4269. | 3.1 | 99 |
| 1126 | The effect of fungal pathogens on the water and carbon economy of trees: implications for drought-induced mortality. New Phytologist, 2014, 203, 1028-1035. | 3.5 | 157 |
| 1127 | Extracellular matrix-associated proteome changes during non-host resistance in citrus <i>Xanthomonas</i> interactions. Physiologia Plantarum, 2014, 150, 565-579. | 2.6 | 14 |
| 1128 | Molecular characterization of rice sphingosine-1-phosphate lyase gene OsSPL1 and functional analysis of its role in disease resistance response. Plant Cell Reports, 2014, 33, 1745-1756. | 2.8 | 10 |
| 1129 | Insect and pathogen attack and resistance in maize and its wild ancestors, the teosintes. New Phytologist, 2014, 204, 329-341. | 3.5 | 118 |
| 1130 | Compartmentation of Salicylate-induced proteins. Applied Biochemistry and Microbiology, 2014, 50, 338-345. | 0.3 | 4 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1131 | Molecular and physiological stages of priming: how plants prepare for environmental challenges. <i>Plant Cell Reports</i> , 2014, 33, 1935-1949. | 2.8 | 61 |
| 1132 | DELLA proteins modulate <i>Arabidopsis</i> defences induced in response to caterpillar herbivory. <i>Journal of Experimental Botany</i> , 2014, 65, 571-583. | 2.4 | 42 |
| 1133 | The <i>Arabidopsis</i> Ethylene/Jasmonic Acid-NRT Signaling Module Coordinates Nitrate Reallocation and the Trade-Off between Growth and Environmental Adaptation. <i>Plant Cell</i> , 2014, 26, 3984-3998. | 3.1 | 136 |
| 1134 | Functional Soil Microbiome: Belowground Solutions to an Aboveground Problem. <i>Plant Physiology</i> , 2014, 166, 689-700. | 2.3 | 299 |
| 1135 | Terpene Down-Regulation Triggers Defense Responses in Transgenic Orange Leading to Resistance against Fungal Pathogens. <i>Plant Physiology</i> , 2014, 164, 321-339. | 2.3 | 60 |
| 1136 | Biological control mechanisms of D-pinitol against powdery mildew in cucumber. <i>Physiological and Molecular Plant Pathology</i> , 2014, 88, 52-60. | 1.3 | 14 |
| 1137 | Nitrogen metabolism meets phytopathology. <i>Journal of Experimental Botany</i> , 2014, 65, 5643-5656. | 2.4 | 185 |
| 1138 | Vineyard Practice. , 2014, , 143-306. | | 16 |
| 1139 | Next-generation sequencing and micro RNAs analysis reveal SA/MeJA/ABA pathway genes mediated systemic acquired resistance (SAR) and its master regulation via production of phased, trans-acting siRNAs against stem rot pathogen <i>Macrophomina phaseolina</i> in a RIL population of jute (<i>Corchorus</i>) | 1.8 | 20 |
| 1140 | Metabolomic insights into the bioconversion of isonitrosoacetophenone in <i>Arabidopsis thaliana</i> and its effects on defense-related pathways. <i>Plant Physiology and Biochemistry</i> , 2014, 84, 87-95. | 2.8 | 8 |
| 1141 | Tomato WRKY transcriptional factor SIDRW1 is required for disease resistance against <i>Botrytis cinerea</i> and tolerance to oxidative stress. <i>Plant Science</i> , 2014, 227, 145-156. | 1.7 | 75 |
| 1142 | Host perception of jasmonates promotes infection by <i>Fusarium oxysporum</i> formae speciales that produce isoleucine- and leucine-conjugated jasmonates. <i>Molecular Plant Pathology</i> , 2014, 15, 589-600. | 2.0 | 70 |
| 1143 | <i>Agrobacterium tumefaciens</i> mediated transient expression of plant cell wall-degrading enzymes in detached sunflower leaves. <i>Biotechnology Progress</i> , 2014, 30, 905-915. | 1.3 | 24 |
| 1144 | Evaluating Insect-Microbiomes at the Plant-Insect Interface. <i>Journal of Chemical Ecology</i> , 2014, 40, 836-847. | 0.9 | 36 |
| 1145 | Phytohormone Mediation of Interactions Between Herbivores and Plant Pathogens. <i>Journal of Chemical Ecology</i> , 2014, 40, 730-741. | 0.9 | 99 |
| 1146 | Priming of protein expression in the defence response of <i>Zantedeschia aethiopica</i> to <i>Pectobacterium carotovorum</i> . <i>Molecular Plant Pathology</i> , 2014, 15, 364-378. | 2.0 | 13 |
| 1147 | A Prominent Role for RCAR3-Mediated ABA Signaling in Response to <i>Pseudomonas syringae</i> pv. tomato DC3000 Infection in <i>Arabidopsis</i> . <i>Plant and Cell Physiology</i> , 2014, 55, 1691-1703. | 1.5 | 83 |
| 1148 | RNAseq analysis of cassava reveals similar plant responses upon infection with pathogenic and non-pathogenic strains of <i>Xanthomonas axonopodis</i> pv. <i>manihotis</i> . <i>Plant Cell Reports</i> , 2014, 33, 1901-1912. | 2.8 | 46 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1149 | Absence of endo-1,4- β -glucanase KOR1 alters the Jasmonate-dependent defence response to <i>Pseudomonas syringae</i> in <i>Arabidopsis</i> . <i>Journal of Plant Physiology</i> , 2014, 171, 1524-1532. | 1.6 | 12 |
| 1150 | Virulence of the maize smut <i>Ustilago maydis</i> is shaped by organ-specific effectors. <i>Molecular Plant Pathology</i> , 2014, 15, 780-789. | 2.0 | 78 |
| 1151 | Uncovering the defence responses of <i>Eucalyptus</i> to pests and pathogens in the genomics age. <i>Tree Physiology</i> , 2014, 34, 931-943. | 1.4 | 48 |
| 1152 | Paleo-evolutionary plasticity of plant disease resistance genes. <i>BMC Genomics</i> , 2014, 15, 187. | 1.2 | 51 |
| 1153 | Functional genomic analysis of constitutive and inducible defense responses to <i>Fusarium verticillioides</i> infection in maize genotypes with contrasting ear rot resistance. <i>BMC Genomics</i> , 2014, 15, 710. | 1.2 | 120 |
| 1154 | Differentially-expressed genes in rice infected by <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> relative to a flagellin-deficient mutant reveal potential functions of flagellin in host-pathogen interactions. <i>Rice</i> , 2014, 7, 20. | 1.7 | 18 |
| 1155 | Development of an Ultrahigh-Performance Liquid Chromatography-Electrospray Ionization-Tandem Mass Spectrometry Method for the Simultaneous Determination of Salicylic Acid, Jasmonic Acid, and Abscisic Acid in Rose Leaves. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 6278-6284. | 2.4 | 28 |
| 1156 | Trehalose Metabolism-Related Genes in Maize. <i>Journal of Plant Growth Regulation</i> , 2014, 33, 256-271. | 2.8 | 20 |
| 1157 | The role of jasmonic acid signalling in wheat (<i>Triticum aestivum</i> L.) powdery mildew resistance reaction. <i>European Journal of Plant Pathology</i> , 2014, 140, 169-183. | 0.8 | 21 |
| 1158 | Expression of <i>Arabidopsis</i> sugar transport protein STP13 differentially affects glucose transport activity and basal resistance to <i>Botrytis cinerea</i> . <i>Plant Molecular Biology</i> , 2014, 85, 473-484. | 2.0 | 127 |
| 1159 | Genetic Mechanisms of Host-Pathogen Interactions for Charcoal Rot in Soybean. <i>Plant Molecular Biology Reporter</i> , 2014, 32, 617-629. | 1.0 | 18 |
| 1160 | Ecology of plant volatiles: taking a plant community perspective. <i>Plant, Cell and Environment</i> , 2014, 37, 1845-1853. | 2.8 | 103 |
| 1161 | Plant Interactions with Multiple Insect Herbivores: From Community to Genes. <i>Annual Review of Plant Biology</i> , 2014, 65, 689-713. | 8.6 | 361 |
| 1162 | TGA Transcription Factors Activate the Salicylic Acid-Suppressible Branch of the Ethylene-Induced Defense Program by Regulating <i>ORA59</i> Expression. <i>Plant Physiology</i> , 2014, 165, 1671-1683. | 2.3 | 106 |
| 1163 | Identification of <i>AtWRKY75</i> as a transcriptional regulator in the defense response to <i>Pcc</i> through the screening of <i>Arabidopsis</i> activation-tagged lines. <i>Plant Biotechnology Reports</i> , 2014, 8, 183-192. | 0.9 | 24 |
| 1164 | Resistance to <i>Botrytis cinerea</i> in <i>Solanum lycopersicoides</i> involves widespread transcriptional reprogramming. <i>BMC Genomics</i> , 2014, 15, 334. | 1.2 | 66 |
| 1165 | Characterization of necrosis-inducing NLP proteins in <i>Phytophthora capsici</i> . <i>BMC Plant Biology</i> , 2014, 14, 126. | 1.6 | 58 |
| 1166 | <i>ERECTA</i> , salicylic acid, abscisic acid, and jasmonic acid modulate quantitative disease resistance of <i>Arabidopsis thaliana</i> to <i>Verticillium longisporum</i> . <i>BMC Plant Biology</i> , 2014, 14, 85. | 1.6 | 53 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1167 | Arabidopsis genes, AtNPR1, AtTGA2 and AtPR-5, confer partial resistance to soybean cyst nematode (<i>Heterodera glycines</i>) when overexpressed in transgenic soybean roots. <i>BMC Plant Biology</i> , 2014, 14, 96. | 1.6 | 65 |
| 1168 | White Rust of Crucifers: Biology, Ecology and Management. , 2014, , . | | 31 |
| 1169 | Interactions between the jasmonic and salicylic acid pathway modulate the plant metabolome and affect herbivores of different feeding types. <i>Plant, Cell and Environment</i> , 2014, 37, 1574-1585. | 2.8 | 142 |
| 1170 | Jasmonate-Triggered Plant Immunity. <i>Journal of Chemical Ecology</i> , 2014, 40, 657-675. | 0.9 | 246 |
| 1171 | Intervention of Phytohormone Pathways by Pathogen Effectors. <i>Plant Cell</i> , 2014, 26, 2285-2309. | 3.1 | 410 |
| 1172 | Transcriptome analysis of soybean lines reveals transcript diversity and genes involved in the response to common cutworm (<i>S<sup>S</sup>/i> podoptera litura</i> ... <i>F<sup>F</sup>/i> abricius) feeding. <i>Plant, Cell and Environment</i>, 2014, 37, 2086-2101.</i> | 2.8 | 22 |
| 1173 | Continuous Stimulation of the Plant Immune System by the Peptide Elicitor PIP-1 Is Required for Phytoalexin Biosynthesis in Tobacco Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 5781-5788. | 2.4 | 10 |
| 1174 | Transcriptome analysis of the phytopathogenic fungus <i>Rhizoctonia solani</i> AG1-IB 7/3/14 applying high-throughput sequencing of expressed sequence tags (ESTs). <i>Fungal Biology</i> , 2014, 118, 800-813. | 1.1 | 32 |
| 1175 | Induction of Salicylic Acid-Mediated Defense Response in Perennial Ryegrass Against Infection by <i>Magnaporthe oryzae</i> . <i>Phytopathology</i> , 2014, 104, 614-623. | 1.1 | 12 |
| 1176 | <i>Phakopsora pachyrhizi</i> induces defense marker genes to necrotrophs in <i>Arabidopsis thaliana</i> . <i>Physiological and Molecular Plant Pathology</i> , 2014, 87, 1-8. | 1.3 | 15 |
| 1177 | Molecular characterization of NBS encoding resistance genes and induction analysis of a putative candidate gene linked to Fusarium basal rot resistance in <i>Allium sativum</i> . <i>Physiological and Molecular Plant Pathology</i> , 2014, 85, 15-24. | 1.3 | 26 |
| 1178 | The <i>Arabidopsis thaliana</i> At4g13040 gene, a unique member of the AP2/EREBP family, is a positive regulator for salicylic acid accumulation and basal defense against bacterial pathogens. <i>Journal of Plant Physiology</i> , 2014, 171, 860-867. | 1.6 | 59 |
| 1179 | Induced defense responses in rice plants against small brown planthopper infestation. <i>Crop Journal</i> , 2014, 2, 55-62. | 2.3 | 61 |
| 1180 | Predisposition in Plant Disease: Exploiting the Nexus in Abiotic and Biotic Stress Perception and Response. <i>Annual Review of Phytopathology</i> , 2014, 52, 517-549. | 3.5 | 188 |
| 1181 | Enhanced Disease Resistance Caused by <i>BRI1</i> Mutation Is Conserved Between <i>Brachypodium distachyon</i> and Barley (<i>Hordeum vulgare</i>). <i>Molecular Plant-Microbe Interactions</i> , 2014, 27, 1095-1106. | 1.4 | 49 |
| 1182 | <i>Streptomyces</i> -Induced Resistance Against Oak Powdery Mildew Involves Host Plant Responses in Defense, Photosynthesis, and Secondary Metabolism Pathways. <i>Molecular Plant-Microbe Interactions</i> , 2014, 27, 891-900. | 1.4 | 101 |
| 1183 | Rice SAPs are responsive to multiple biotic stresses and overexpression of OsSAP1, an A20/AN1 zinc-finger protein, enhances the basal resistance against pathogen infection in tobacco. <i>Plant Science</i> , 2014, 225, 68-76. | 1.7 | 60 |
| 1184 | Microbe-microbe interactions determine oomycete and fungal host colonization. <i>Current Opinion in Plant Biology</i> , 2014, 20, 75-81. | 3.5 | 70 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1185 | Automated image analysis for quantification of histochemical detection of reactive oxygen species and necrotic infection symptoms in plant leaves. <i>Journal of Plant Interactions</i> , 2014, 9, 167-174. | 1.0 | 12 |
| 1186 | Elucidating the molecular responses of apple rootstock resistant to ARD pathogens: challenges and opportunities for development of genomics-assisted breeding tools. <i>Horticulture Research</i> , 2014, 1, 14043. | 2.9 | 57 |
| 1187 | Necrotrophic Fungi: Live and Let Die. , 0, , 645-659. | | 0 |
| 1188 | Transcriptional regulation of ethylene and jasmonate mediated defense response in apple (<i>Malus</i>) Tj ETQq1 1 0.784314 rgBT /Overloc | 2.9 | 47 |
| 1190 | Pathogenicity and virulence factors of <i>Pseudomonas syringae</i> .. <i>Nihon Shokubutsu Byori Gakkaiho = Annals of the Phytopathological Society of Japan</i> , 2014, 80, S97-S103. | 0.1 | 0 |
| 1191 | The role of plasma membrane H ⁺ -ATPase in jasmonate-induced ion fluxes and stomatal closure in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2015, 83, 638-649. | 2.8 | 60 |
| 1192 | Crosstalk among Jasmonate, Salicylate and Ethylene Signaling Pathways in Plant Disease and Immune Responses. <i>Current Protein and Peptide Science</i> , 2015, 16, 450-461. | 0.7 | 223 |
| 1193 | Auxin Crosstalk to Plant Immune Networks: A Plant-Pathogen Interaction Perspective. <i>Current Protein and Peptide Science</i> , 2015, 16, 389-394. | 0.7 | 34 |
| 1194 | Jasmonate in plant defence: sentinel or double agent?. <i>Plant Biotechnology Journal</i> , 2015, 13, 1233-1240. | 4.1 | 136 |
| 1195 | Extracellular ATP is Involved in the Salicylic Acid-Induced Cell Death in Suspension-Cultured Tobacco Cells. <i>Plant Production Science</i> , 2015, 18, 154-160. | 0.9 | 4 |
| 1196 | The <i>Sinorhizobium</i> (<i>Ensifer</i>) <i>freddiei</i> HH103 Type 3 Secretion System Suppresses Early Defense Responses to Effectively Nodulate Soybean. <i>Molecular Plant-Microbe Interactions</i> , 2015, 28, 790-799. | 1.4 | 38 |
| 1197 | Potato Tuber Blight Resistance Phenotypes Correlate with RB Transgene Transcript Levels in an Age-Dependent Manner. <i>Phytopathology</i> , 2015, 105, 1131-1136. | 1.1 | 7 |
| 1198 | Analysis of the Molecular Dialogue Between Gray Mold (<i>Botrytis cinerea</i>) and Grapevine (<i>Vitis vinifera</i>) Reveals a Clear Shift in Defense Mechanisms During Berry Ripening. <i>Molecular Plant-Microbe Interactions</i> , 2015, 28, 1167-1180. | 1.4 | 73 |
| 1199 | CHANGES IN TOMATO GENE EXPRESSION DURING POTATO SPINDLE TUBER VIROID INFECTION REVEAL A COMPLEX ARRAY OF CHANGES AFFECTING BRASSINOSTEROID SYNTHESIS AND SIGNALING. <i>Acta Horticulturae</i> , 2015, , 79-90. | 0.1 | 0 |
| 1200 | <i>Arabidopsis</i> VQ motif-containing proteins VQ12 and VQ29 negatively modulate basal defense against <i>Botrytis cinerea</i> . <i>Scientific Reports</i> , 2015, 5, 14185. | 1.6 | 51 |
| 1201 | Bacterial Leaf Infiltration Assay for Fine Characterization of Plant Defense Responses using the &em&g; <i>Arabidopsis thaliana</i> - <i>Pseudomonas syringae</i> &em&g; Pathosystem. <i>Journal of Visualized Experiments</i> , 2015, , . | 0.2 | 35 |
| 1202 | Comparative transcriptomics of Central Asian <i>Vitis vinifera</i> accessions reveals distinct defense strategies against powdery mildew. <i>Horticulture Research</i> , 2015, 2, 15037. | 2.9 | 47 |
| 1203 | Real-time imaging of hydrogen peroxide dynamics in vegetative and pathogenic hyphae of <i>Fusarium graminearum</i> . <i>Scientific Reports</i> , 2015, 5, 14980. | 1.6 | 21 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1204 | Modifications of sphingolipid content affect tolerance to hemibiotrophic and necrotrophic pathogens by modulating plant defense responses in Arabidopsis. <i>Plant Physiology</i> , 2015, 169, pp.01126.2015. | 2.3 | 61 |
| 1205 | Using genome-wide associations to identify metabolic pathways involved in maize aflatoxin accumulation resistance. <i>BMC Genomics</i> , 2015, 16, 673. | 1.2 | 43 |
| 1206 | Tomato histone H2B monoubiquitination enzymes SIHUB1 and SIHUB2 contribute to disease resistance against <i>Botrytis cinerea</i> through modulating the balance between SA- and JA/ET-mediated signaling pathways. <i>BMC Plant Biology</i> , 2015, 15, 252. | 1.6 | 72 |
| 1207 | <sc>ETHYLENE RESPONSE FACTOR</sc> 96 positively regulates <sc><i>A</i></sc><i>rabis</i> resistance to necrotrophic pathogens by direct binding to <sc>GCC</sc> elements of jasmonate â€œ and ethyleneâ€œresponsive defence genes. <i>Plant, Cell and Environment</i> , 2015, 38, 2721-2734. | 2.8 | 97 |
| 1208 | An untargeted global metabolomic analysis reveals the biochemical changes underlying basal resistance and priming in <i>SolanumÂlycopersicum</i>, and identifies 1â€œmethyltryptophan as a metabolite involved in plant responses to <i>BotrytisÂcinerea</i> and <i>PseudomonasÂsyringae</i>. <i>Plant Journal</i> , 2015, 84, 125-139. | 2.8 | 71 |
| 1209 | Scale insects, decay and canker fungi in <sc>A</sc>merican beech. <i>Forest Pathology</i> , 2015, 45, 71-75. | 0.5 | 7 |
| 1210 | Arabidopsis Elongator subunit 2 positively contributes to resistance to the necrotrophic fungal pathogens <i>Botrytis cinerea</i> and <i>Alternaria brassicicola</i>. <i>Plant Journal</i> , 2015, 83, 1019-1033. | 2.8 | 44 |
| 1211 | Cotton polyamine oxidase is required for spermine and camalexin signalling in the defence response to <i>Verticillium dahliae</i>. <i>Plant Journal</i> , 2015, 83, 962-975. | 2.8 | 116 |
| 1212 | Methyl Jasmonate Induces Enhanced Podophyllotoxin Production in Cell Cultures of Thracian Flax (<i>Linum thracicum</i> ssp. <i>thracicum</i>). <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000. | 0.2 | 4 |
| 1214 | <i>Physcomitrella patens</i> Activates Defense Responses against the Pathogen <i>Colletotrichum gloeosporioides</i> . <i>International Journal of Molecular Sciences</i> , 2015, 16, 22280-22298. | 1.8 | 56 |
| 1215 | Plant and pathogen nutrient acquisition strategies. <i>Frontiers in Plant Science</i> , 2015, 6, 750. | 1.7 | 145 |
| 1216 | Metabolomics to Decipher the Chemical Defense of Cereals against <i>Fusarium graminearum</i> and Deoxynivalenol Accumulation. <i>International Journal of Molecular Sciences</i> , 2015, 16, 24839-24872. | 1.8 | 82 |
| 1217 | Isonitrosoacetophenone Drives Transcriptional Reprogramming in <i>Nicotiana tabacum</i> Cells in Support of Innate Immunity and Defense. <i>PLoS ONE</i> , 2015, 10, e0117377. | 1.1 | 9 |
| 1218 | De novo Assembly and Transcriptomic Profiling of the Grazing Response in <i>Stipa grandis</i> . <i>PLoS ONE</i> , 2015, 10, e0122641. | 1.1 | 15 |
| 1219 | Feeding of Whitefly on Tobacco Decreases Aphid Performance via Increased Salicylate Signaling. <i>PLoS ONE</i> , 2015, 10, e0138584. | 1.1 | 16 |
| 1220 | Transcriptomic Analysis and the Expression of Disease-Resistant Genes in <i>Oryza meyeriana</i> under Native Condition. <i>PLoS ONE</i> , 2015, 10, e0144518. | 1.1 | 9 |
| 1221 | Overexpression of GhWRKY27a reduces tolerance to drought stress and resistance to <i>Rhizoctonia solani</i> infection in transgenic <i>Nicotiana benthamiana</i> . <i>Frontiers in Physiology</i> , 2015, 6, 265. | 1.3 | 53 |
| 1222 | Signal regulators of systemic acquired resistance. <i>Frontiers in Plant Science</i> , 2015, 06, 228. | 1.7 | 218 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1223 | Phylogenetic and expression analysis of the NPR1-like gene family from <i>Persea americana</i> (Mill.). <i>Frontiers in Plant Science</i> , 2015, 6, 300. | 1.7 | 42 |
| 1224 | Microbial effectors target multiple steps in the salicylic acid production and signaling pathway. <i>Frontiers in Plant Science</i> , 2015, 6, 349. | 1.7 | 58 |
| 1225 | Optimal level of purple acid phosphatase5 is required for maintaining complete resistance to <i>Pseudomonas syringae</i> . <i>Frontiers in Plant Science</i> , 2015, 6, 568. | 1.7 | 19 |
| 1226 | Secondary metabolites in fungus-plant interactions. <i>Frontiers in Plant Science</i> , 2015, 6, 573. | 1.7 | 439 |
| 1227 | The <i>Xanthomonas</i> effector XopJ triggers a conditional hypersensitive response upon treatment of <i>N. benthamiana</i> leaves with salicylic acid. <i>Frontiers in Plant Science</i> , 2015, 6, 599. | 1.7 | 7 |
| 1228 | Impact of hormonal crosstalk on plant resistance and fitness under multi-attacker conditions. <i>Frontiers in Plant Science</i> , 2015, 6, 639. | 1.7 | 165 |
| 1229 | <i>Arabidopsis</i> AtERF15 positively regulates immunity against <i>Pseudomonas syringae</i> pv. tomato DC3000 and <i>Botrytis cinerea</i> . <i>Frontiers in Plant Science</i> , 2015, 6, 686. | 1.7 | 80 |
| 1230 | Co-silencing of tomato S-adenosylhomocysteine hydrolase genes confers increased immunity against <i>Pseudomonas syringae</i> pv. tomato DC3000 and enhanced tolerance to drought stress. <i>Frontiers in Plant Science</i> , 2015, 6, 717. | 1.7 | 38 |
| 1231 | Enhanced tomato disease resistance primed by arbuscular mycorrhizal fungus. <i>Frontiers in Plant Science</i> , 2015, 6, 786. | 1.7 | 211 |
| 1232 | Insights into molecular and metabolic events associated with fruit response to post-harvest fungal pathogens. <i>Frontiers in Plant Science</i> , 2015, 6, 889. | 1.7 | 138 |
| 1233 | The <i>Piriformospora indica</i> effector PIIN_08944 promotes the mutualistic Sebacinales symbiosis. <i>Frontiers in Plant Science</i> , 2015, 6, 906. | 1.7 | 59 |
| 1234 | Transcriptome analysis reveals regulatory networks underlying differential susceptibility to <i>Botrytis cinerea</i> in response to nitrogen availability in <i>Solanum lycopersicum</i> . <i>Frontiers in Plant Science</i> , 2015, 6, 911. | 1.7 | 41 |
| 1235 | Plant Innate Immunity Multicomponent Model. <i>Frontiers in Plant Science</i> , 2015, 6, 987. | 1.7 | 80 |
| 1236 | Function of ABA in Stomatal Defense against Biotic and Drought Stresses. <i>International Journal of Molecular Sciences</i> , 2015, 16, 15251-15270. | 1.8 | 376 |
| 1237 | Comparative Proteomic Analysis of <i>Gossypium thurberi</i> in Response to <i>Verticillium dahliae</i> Inoculation. <i>International Journal of Molecular Sciences</i> , 2015, 16, 25121-25140. | 1.8 | 12 |
| 1238 | Root Microbiome Assemblage is Modulated by Plant Host Factors. <i>Advances in Botanical Research</i> , 2015, 75, 57-79. | 0.5 | 28 |
| 1239 | Momilactone Sensitive Proteins in <i>Arabidopsis thaliana</i> . <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000. | 0.2 | 9 |
| 1240 | The WRKY45-Dependent Signaling Pathway Is Required For Resistance against <i>Striga hermonthica</i> Parasitism. <i>Plant Physiology</i> , 2015, 168, 1152-1163. | 2.3 | 51 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1241 | Durable Resistance of Crops to Disease: A Darwinian Perspective. Annual Review of Phytopathology, 2015, 53, 513-539. | 3.5 | 246 |
| 1242 | Defense Responses to Mycotoxin-Producing Fungi <i>Fusarium proliferatum</i> , <i>F. subglutinans</i> , and <i>Aspergillus flavus</i> in Kernels of Susceptible and Resistant Maize Genotypes. Molecular Plant-Microbe Interactions, 2015, 28, 546-557. | 1.4 | 46 |
| 1243 | Differential regulation of defense-related proteins in soybean during compatible and incompatible interactions between <i>Phytophthora sojae</i> and soybean by comparative proteomic analysis. Plant Cell Reports, 2015, 34, 1263-1280. | 2.8 | 15 |
| 1244 | Effects of plant antimicrobial phenolic compounds on virulence of the genus <i>Pectobacterium</i> . Research in Microbiology, 2015, 166, 535-545. | 1.0 | 52 |
| 1245 | Phenotypic and genetic characterization of resistance in <i>Arabidopsis thaliana</i> to the oomycete pathogen <i>Phytophthora parasitica</i> . Frontiers in Plant Science, 2015, 06, 378. | 1.7 | 8 |
| 1246 | Characterization of <i>Brachypodium distachyon</i> as a nonhost model against switchgrass rust pathogen <i>Puccinia emaculata</i> . BMC Plant Biology, 2015, 15, 113. | 1.6 | 25 |
| 1247 | Mechanisms and ecological consequences of plant defence induction and suppression in herbivore communities. Annals of Botany, 2015, 115, 1015-1051. | 1.4 | 244 |
| 1248 | Lipo-chito oligosaccharides Modulate Plant Host Immunity to Enable Endosymbioses. Annual Review of Phytopathology, 2015, 53, 311-334. | 3.5 | 98 |
| 1249 | Unmasking host and microbial strategies in the <i>Agrobacterium</i> -plant defense tango. Frontiers in Plant Science, 2015, 6, 200. | 1.7 | 17 |
| 1250 | The novel elicitor AsES triggers a defense response against <i>Botrytis cinerea</i> in <i>Arabidopsis thaliana</i> . Plant Science, 2015, 241, 120-127. | 1.7 | 35 |
| 1251 | Characterization of resistance to ascochyta blight of selected wild <i>Cicer</i> germplasm. Botany, 2015, 93, 723-734. | 0.5 | 4 |
| 1252 | Transcriptional Dynamics Driving MAMP-Triggered Immunity and Pathogen Effector-Mediated Immunosuppression in <i>Arabidopsis</i> Leaves Following Infection with <i>Pseudomonas syringae</i> pv tomato DC3000. Plant Cell, 2015, 27, 3038-3064. | 3.1 | 148 |
| 1253 | Glutathione regulates ACC synthase transcription via WRKY33 and ACC oxidase by modulating mRNA stability to induce ethylene synthesis during stress. Plant Physiology, 2015, 169, pp.01543.2015. | 2.3 | 95 |
| 1254 | Impacts of Anthropogenic Carbon Dioxide Emissions on Plant-Insect Interactions. , 2015, , 205-221. | | 0 |
| 1255 | Cytological and molecular analysis of nonhost resistance in rice to wheat powdery mildew and leaf rust pathogens. Protoplasma, 2015, 252, 1167-1179. | 1.0 | 10 |
| 1256 | Molecular defense response of oil palm to <i>Ganoderma</i> infection. Phytochemistry, 2015, 114, 168-177. | 1.4 | 27 |
| 1257 | Effects of Plant Stress Signal Molecules on the Production of Wilforgine in an Endophytic Actinomycete Isolated from <i>Tripterium wilfordii</i> Hook.f.. Current Microbiology, 2015, 70, 571-579. | 1.0 | 6 |
| 1258 | The relative importance of host vigor and hormonal response to pathogens in controlling the development of arbuscular mycorrhizal fungi. Soil Biology and Biochemistry, 2015, 83, 40-42. | 4.2 | 3 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1259 | Involvement of PHYB in resistance to Cucumber mosaic virus in <i>Nicotiana tabacum</i> . <i>Plant Growth Regulation</i> , 2015, 77, 33-42. | 1.8 | 14 |
| 1260 | Role of dioxygenase $\hat{\pm}$ -DOX2 and SA in basal response and in hexanoic acid-induced resistance of tomato (<i>Solanum lycopersicum</i>) plants against <i>Botrytis cinerea</i> . <i>Journal of Plant Physiology</i> , 2015, 175, 163-173. | 1.6 | 32 |
| 1261 | Coordination-enabled synergistic surface segregation for fabrication of multi-defense mechanism membranes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 3325-3331. | 5.2 | 83 |
| 1262 | Transcriptome and metabolome reprogramming in <i>Vitis vinifera</i> cv. Trincadeira berries upon infection with <i>Botrytis cinerea</i> . <i>Journal of Experimental Botany</i> , 2015, 66, 1769-1785. | 2.4 | 144 |
| 1263 | Systemic jasmonic acid modulation in mycorrhizal tomato plants and its role in induced resistance against <i>Alternaria alternata</i> . <i>Plant Biology</i> , 2015, 17, 625-631. | 1.8 | 65 |
| 1264 | Bio-based resistance inducers for sustainable plant protection against pathogens. <i>Biotechnology Advances</i> , 2015, 33, 994-1004. | 6.0 | 196 |
| 1265 | Over-expression of SIWRKY39 leads to enhanced resistance to multiple stress factors in tomato. <i>Journal of Plant Biology</i> , 2015, 58, 52-60. | 0.9 | 77 |
| 1266 | Efficient high light acclimation involves rapid processes at multiple mechanistic levels. <i>Journal of Experimental Botany</i> , 2015, 66, 2401-2414. | 2.4 | 148 |
| 1267 | Building the interaction interfaces: host responses upon infection with microorganisms. <i>Current Opinion in Plant Biology</i> , 2015, 23, 132-139. | 3.5 | 16 |
| 1268 | Primary metabolism plays a central role in moulding silicon-inducible brown spot resistance in rice. <i>Molecular Plant Pathology</i> , 2015, 16, 811-824. | 2.0 | 49 |
| 1269 | Spider mites suppress tomato defenses downstream of jasmonate and salicylate independently of hormonal crosstalk. <i>New Phytologist</i> , 2015, 205, 828-840. | 3.5 | 169 |
| 1270 | The effect of salicylic and jasmonic acids on the activity and range of protective proteins during the infection of wheat by the septoriosi pathogen. <i>Biology Bulletin</i> , 2015, 42, 27-33. | 0.1 | 4 |
| 1271 | The pearl millet mitogen-activated protein kinase PgMPK4 is involved in responses to downy mildew infection and in jasmonic- and salicylic acid-mediated defense. <i>Plant Molecular Biology</i> , 2015, 87, 287-302. | 2.0 | 13 |
| 1272 | Genome-wide identification and analysis of the apple (<i>Malus $\hat{\text{A}}$- domestica Borkh.) TIFY gene family. <i>Tree Genetics and Genomes</i>, 2015, 11, 1.</i> | 0.6 | 51 |
| 1273 | Pathogenic attributes of <i>Sclerotinia sclerotiorum</i> : Switching from a biotrophic to necrotrophic lifestyle. <i>Plant Science</i> , 2015, 233, 53-60. | 1.7 | 250 |
| 1274 | Peanut Resistance Gene Expression in Response to <i>Aspergillus flavus</i> Infection During Seed Germination. <i>Journal of Phytopathology</i> , 2015, 163, 212-221. | 0.5 | 9 |
| 1275 | The mRNA decay factor PAT 1 functions in a pathway including MAP kinase 4 and immune receptor SUMM 2. <i>EMBO Journal</i> , 2015, 34, 593-608. | 3.5 | 100 |
| 1276 | Silencing of OPR3 in tomato reveals the role of OPDA in callose deposition during the activation of defense responses against <i>Botrytis cinerea</i> . <i>Plant Journal</i> , 2015, 81, 304-315. | 2.8 | 94 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1277 | Signaling Mechanisms in Pattern-Triggered Immunity (PTI). <i>Molecular Plant</i> , 2015, 8, 521-539. | 3.9 | 750 |
| 1278 | Priming of Wheat with the Green Leaf Volatile <i>Z</i> -3-Hexenyl Acetate Enhances Defense against <i>Fusarium graminearum</i> But Boosts Deoxynivalenol Production. <i>Plant Physiology</i> , 2015, 167, 1671-1684. | 2.3 | 110 |
| 1279 | Prosystemin Overexpression in Tomato Enhances Resistance to Different Biotic Stresses by Activating Genes of Multiple Signaling Pathways. <i>Plant Molecular Biology Reporter</i> , 2015, 33, 1270-1285. | 1.0 | 56 |
| 1280 | Transcriptome and Metabolite Profiling of the Infection Cycle of <i>Zymoseptoria tritici</i> on Wheat Reveals a Biphasic Interaction with Plant Immunity Involving Differential Pathogen Chromosomal Contributions and a Variation on the Hemibiotrophic Lifestyle Definition. <i>Plant Physiology</i> , 2015, 167, 1158-1185. | 2.3 | 301 |
| 1281 | Jasmonates counter plant stress: A Review. <i>Environmental and Experimental Botany</i> , 2015, 115, 49-57. | 2.0 | 265 |
| 1282 | The receptor-like cytoplasmic kinase <i>PCRK1</i> contributes to pattern-triggered immunity against <i>Pseudomonas syringae</i> in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2015, 207, 78-90. | 3.5 | 50 |
| 1283 | Plant-endophyte symbiosis, an ecological perspective. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 2955-2965. | 1.7 | 267 |
| 1284 | First clues on a jasmonic acid role in grapevine resistance against the biotrophic fungus <i>Plasmopara viticola</i> . <i>European Journal of Plant Pathology</i> , 2015, 142, 645-652. | 0.8 | 33 |
| 1285 | Milestones in plant sulfur research on sulfur-induced-resistance (SIR) in Europe. <i>Frontiers in Plant Science</i> , 2014, 5, 779. | 1.7 | 67 |
| 1286 | Silicon in Agriculture. , 2015, , . | | 236 |
| 1287 | Functional characterization of <i>PCRK1</i> , a putative protein kinase with a role in immunity. <i>Plant Signaling and Behavior</i> , 2015, 10, e1063759. | 1.2 | 3 |
| 1288 | Transgenic expression of a sorghum gene (<i>SbLRR2</i>) encoding a simple extracellular leucine-rich protein enhances resistance against necrotrophic pathogens in <i>Arabidopsis</i> . <i>Physiological and Molecular Plant Pathology</i> , 2015, 91, 31-37. | 1.3 | 5 |
| 1289 | The <i>Epl1</i> and <i>Sm1</i> proteins from <i>Trichoderma atroviride</i> and <i>Trichoderma virens</i> differentially modulate systemic disease resistance against different life style pathogens in <i>Solanum lycopersicum</i> . <i>Frontiers in Plant Science</i> , 2015, 6, 77. | 1.7 | 93 |
| 1290 | Transcriptome analysis of the compatible interaction of tomato with <i>Verticillium dahliae</i> using RNA-sequencing. <i>Frontiers in Plant Science</i> , 2015, 6, 428. | 1.7 | 65 |
| 1291 | Characterization of the promoter and extended C-terminal domain of <i>Arabidopsis WRKY33</i> and functional analysis of tomato <i>WRKY33</i> homologues in plant stress responses. <i>Journal of Experimental Botany</i> , 2015, 66, 4567-4583. | 2.4 | 86 |
| 1292 | Resistance to Gray Leaf Spot of Maize: Genetic Architecture and Mechanisms Elucidated through Nested Association Mapping and Near-Isogenic Line Analysis. <i>PLoS Genetics</i> , 2015, 11, e1005045. | 1.5 | 86 |
| 1293 | Transcriptional profiling of <i>Petunia</i> seedlings reveals candidate regulators of the cold stress response. <i>Frontiers in Plant Science</i> , 2015, 6, 118. | 1.7 | 14 |
| 1294 | AHL-priming functions via oxylipin and salicylic acid. <i>Frontiers in Plant Science</i> , 2014, 5, 784. | 1.7 | 79 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1295 | Phospholipase D affects translocation of NPR1 to the nucleus in <i>Arabidopsis thaliana</i> . <i>Frontiers in Plant Science</i> , 2015, 6, 59. | 1.7 | 28 |
| 1296 | TaNAC1 acts as a negative regulator of stripe rust resistance in wheat, enhances susceptibility to <i>Pseudomonas syringae</i> , and promotes lateral root development in transgenic <i>Arabidopsis thaliana</i> . <i>Frontiers in Plant Science</i> , 2015, 6, 108. | 1.7 | 56 |
| 1297 | Disruption of Ethylene Responses by <i>Turnip mosaic virus</i> Mediates Suppression of Plant Defense against the Green Peach Aphid Vector. <i>Plant Physiology</i> , 2015, 169, 209-218. | 2.3 | 150 |
| 1298 | <i>Lathyrus sativus</i> transcriptome resistance response to <i>Ascochyta lathyr</i> investigated by deepSuperSAGE analysis. <i>Frontiers in Plant Science</i> , 2015, 6, 178. | 1.7 | 43 |
| 1299 | Photocontrol of Elicitor Activity of PIP-1 to Investigate Temporal Factors Involved in Phytoalexin Biosynthesis. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 5894-5901. | 2.4 | 1 |
| 1300 | Silicon and Plant-Pathogen Interactions. , 2015, , 181-196. | | 2 |
| 1301 | Experimental approaches to investigate effector translocation into host cells in the <i>Ustilago maydis</i> /maize pathosystem. <i>European Journal of Cell Biology</i> , 2015, 94, 349-358. | 1.6 | 20 |
| 1302 | Novel Disease Susceptibility Factors for Fungal Necrotrophic Pathogens in <i>Arabidopsis</i> . <i>PLoS Pathogens</i> , 2015, 11, e1004800. | 2.1 | 40 |
| 1303 | Hijacking of the jasmonate pathway by the mycotoxin fumonisin B1 (FB1) to initiate programmed cell death in <i>Arabidopsis</i> is modulated by RGLG3 and RGLG4. <i>Journal of Experimental Botany</i> , 2015, 66, 2709-2721. | 2.4 | 27 |
| 1305 | Salicylic and jasmonic acid pathways are necessary for defence against <i>Dickeya solani</i> as revealed by a novel method for Blackleg disease screening of <i>in vitro</i> grown potato. <i>Plant Biology</i> , 2015, 17, 1030-1038. | 1.8 | 22 |
| 1306 | Synthetic plant defense elicitors. <i>Frontiers in Plant Science</i> , 2014, 5, 804. | 1.7 | 240 |
| 1307 | Fungal Effectors and Plant Susceptibility. <i>Annual Review of Plant Biology</i> , 2015, 66, 513-545. | 8.6 | 1,006 |
| 1308 | Development of disease-resistant rice by optimized expression of <i>WRKY45</i> . <i>Plant Biotechnology Journal</i> , 2015, 13, 753-765. | 4.1 | 61 |
| 1309 | <i>Arabidopsis thaliana</i> defense response to the ochratoxin A-producing strain (<i>Aspergillus ochraceus</i>) Tj ETQq1 1 0.784314 rgBI /Overl | 2.8 | 18 |
| 1310 | Interactive impacts of a herbivore and a pathogen on two resistance types of <i>Barbarea vulgaris</i> (Brassicaceae). <i>Oecologia</i> , 2015, 177, 441-452. | 0.9 | 5 |
| 1311 | Selected reactive oxygen species and antioxidant enzymes in common bean after <i>Pseudomonas syringae</i> pv. <i>phaseolicola</i> and <i>Botrytis cinerea</i> infection. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1. | 1.0 | 30 |
| 1312 | Integrating resistance and tolerance for improved evaluation of sorghum lines against <i>Fusarium</i> stalk rot and charcoal rot. <i>Phytoparasitica</i> , 2015, 43, 485-499. | 0.6 | 19 |
| 1313 | Functional diversity of jasmonates in rice. <i>Rice</i> , 2015, 8, 42. | 1.7 | 79 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1314 | The F-box protein MAX2 contributes to resistance to bacterial phytopathogens in <i>Arabidopsis thaliana</i> . <i>BMC Plant Biology</i> , 2015, 15, 53. | 1.6 | 101 |
| 1315 | The Ecology and Natural History of Foliar Bacteria with a Focus on Tropical Forests and Agroecosystems. <i>Botanical Review</i> , The, 2015, 81, 105-149. | 1.7 | 43 |
| 1316 | Differential effects of lesion mimic mutants in barley on disease development by facultative pathogens. <i>Journal of Experimental Botany</i> , 2015, 66, 3417-3428. | 2.4 | 37 |
| 1317 | Down-regulation of <i>Fusarium oxysporum</i> endogenous genes by Host-Delivered RNA interference enhances disease resistance. <i>Frontiers in Chemistry</i> , 2015, 3, 1. | 1.8 | 134 |
| 1318 | Functionalized Mesoporous Silica Nanoparticles with Redox-Responsive Short-Chain Gatekeepers for Agrochemical Delivery. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 9937-9946. | 4.0 | 126 |
| 1319 | Role of stress-related hormones in plant defence during early infection of the cyst nematode <i>Heterodera schachtii</i> in <i>Arabidopsis</i> . <i>New Phytologist</i> , 2015, 207, 778-789. | 3.5 | 108 |
| 1320 | Ulvan-induced resistance in <i>Arabidopsis thaliana</i> against <i>Alternaria brassicicola</i> requires reactive oxygen species derived from NADPH oxidase. <i>Physiological and Molecular Plant Pathology</i> , 2015, 90, 49-56. | 1.3 | 27 |
| 1321 | Inhibitory effects of sulfated lentinan with different degree of sulfation against tobacco mosaic virus (TMV) in tobacco seedlings. <i>Pesticide Biochemistry and Physiology</i> , 2015, 122, 38-43. | 1.6 | 30 |
| 1322 | The Pepper Lipoxygenase CaLOX1 Plays a Role in Osmotic, Drought and High Salinity Stress Response. <i>Plant and Cell Physiology</i> , 2015, 56, 930-942. | 1.5 | 118 |
| 1323 | Fungal elicitor-mediated enhancement in phenylpropanoid and naphthodianthrone contents of <i>Hypericum perforatum</i> L. cell cultures. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 122, 213-226. | 1.2 | 39 |
| 1324 | Fine-mapping of a major QTL controlling angular leaf spot resistance in common bean (<i>Phaseolus</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 | 1.8 | 54 |
| 1325 | A CC-NBS-LRR type gene GHNTR1 confers resistance to southern root-knot nematode in <i>Nicotiana benthamiana</i> and <i>Nicotiana tabacum</i> . <i>European Journal of Plant Pathology</i> , 2015, 142, 715-729. | 0.8 | 11 |
| 1326 | Comparative transcriptome profiling of two maize near-isogenic lines differing in the allelic state for bacterial brown spot disease resistance. <i>Journal of Integrative Agriculture</i> , 2015, 14, 610-621. | 1.7 | 8 |
| 1327 | Methyl Jasmonate Strengthens Wheat Plants Against Root and Crown Rot Pathogen <i>Fusarium culmorum</i> Infection. <i>Journal of Plant Growth Regulation</i> , 2015, 34, 624-636. | 2.8 | 12 |
| 1328 | The induction of Ethylene response factor 3 (<i>ERF3</i>) in potato as a result of co-inoculation with <i>Pseudomonas</i> sp. R41805 and <i>Rhizophagus irregularis</i> MUCL 41833 "a possible role in plant defense. <i>Plant Signaling and Behavior</i> , 2015, 10, e988076. | 1.2 | 26 |
| 1329 | Both the Jasmonic Acid and the Salicylic Acid Pathways Contribute to Resistance to the Biotrophic Clubroot Agent <i>Plasmodiophora brassicae</i> in <i>Arabidopsis</i> . <i>Plant and Cell Physiology</i> , 2015, 56, pcv127. | 1.5 | 121 |
| 1330 | Host target modification as a strategy to counter pathogen hijacking of the jasmonate hormone receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14354-14359. | 3.3 | 51 |
| 1331 | Green Light to Plant Responses to Pathogens: The Role of Chloroplast Light-Dependent Signaling in Biotic Stress. <i>Photochemistry and Photobiology</i> , 2015, 91, 1004-1011. | 1.3 | 33 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1332 | Ethylene: traffic controller on hormonal crossroads to defense. <i>Plant Physiology</i> , 2015, 169, pp.01020.2015. | 2.3 | 149 |
| 1333 | The effect of methyl jasmonate on enzyme activities in wheat genotypes infected by the crown and root rot pathogen <i>Fusarium culmorum</i> . <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1. | 1.0 | 22 |
| 1334 | Hyperspectral and Thermal Imaging of Oilseed Rape (<i>Brassica napus</i>) Response to Fungal Species of the Genus <i>Alternaria</i> . <i>PLoS ONE</i> , 2015, 10, e0122913. | 1.1 | 92 |
| 1335 | Comparative analysis of BABA and <i>Piriformospora indica</i> mediated priming of defence-related genes in tomato against early blight. <i>Physiological and Molecular Plant Pathology</i> , 2015, 91, 88-95. | 1.3 | 33 |
| 1336 | The Arabidopsis Mediator Complex Subunit16 Is a Key Component of Basal Resistance against the Necrotrophic Fungal Pathogen <i>Sclerotinia sclerotiorum</i> . <i>Plant Physiology</i> , 2015, 169, 856-872. | 2.3 | 64 |
| 1337 | Multilayered Regulation of Ethylene Induction Plays a Positive Role in Arabidopsis Resistance against <i>Pseudomonas syringae</i> . <i>Plant Physiology</i> , 2015, 169, 299-312. | 2.3 | 87 |
| 1338 | Resistance to <i>Fusarium verticillioides</i> and fumonisin accumulation in maize inbred lines involves an earlier and enhanced expression of lipoxygenase (LOX) genes. <i>Journal of Plant Physiology</i> , 2015, 188, 9-18. | 1.6 | 46 |
| 1339 | Isolation and characterization of a subgroup IIa WRKY transcription factor PtrWRKY40 from <i>Populus trichocarpa</i> . <i>Tree Physiology</i> , 2015, 35, 1129-1139. | 1.4 | 55 |
| 1340 | Host to a Stranger: Arabidopsis and <i>Fusarium</i> Ear Blight. <i>Trends in Plant Science</i> , 2015, 20, 651-663. | 4.3 | 17 |
| 1341 | Meloidogyne javanica fatty acid- and retinol-binding protein (Mj-FAR-1) regulates expression of lipid-, cell wall-, stress- and phenylpropanoid-related genes during nematode infection of tomato. <i>BMC Genomics</i> , 2015, 16, 272. | 1.2 | 48 |
| 1342 | Different ROS-Scavenging Properties of Flavonoids Determine Their Abilities to Extend Shelf Life of Tomato. <i>Plant Physiology</i> , 2015, 169, pp.00346.2015. | 2.3 | 53 |
| 1343 | Rice WRKY4 acts as a transcriptional activator mediating defense responses toward <i>Rhizoctonia solani</i> , the causing agent of rice sheath blight. <i>Plant Molecular Biology</i> , 2015, 89, 157-171. | 2.0 | 100 |
| 1344 | Towards immunity of oil palm against <i>Ganoderma</i> fungus infection. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1. | 1.0 | 12 |
| 1345 | The VQ Motif-Containing Protein Family of Plant-Specific Transcriptional Regulators. <i>Plant Physiology</i> , 2015, 169, 371-378. | 2.3 | 129 |
| 1346 | Plant cells under siege: plant immune system versus pathogen effectors. <i>Current Opinion in Plant Biology</i> , 2015, 28, 1-8. | 3.5 | 135 |
| 1347 | Heterologous expression of the Brassica rapa transcription factor BrWRKY7 enhances resistance against bacterial soft rot caused by <i>Pectobacterium carotovorum</i> in Arabidopsis. <i>Plant Biotechnology Reports</i> , 2015, 9, 179-186. | 0.9 | 7 |
| 1348 | In wild tobacco, <i>Nicotiana attenuata</i> , variation among bacterial communities of isogenic plants is mainly shaped by the local soil microbiota independently of the plants' capacity to produce jasmonic acid. <i>Communicative and Integrative Biology</i> , 2015, 8, e1017160. | 0.6 | 8 |
| 1349 | Virus-induced gene silencing of pectin methylesterase protects <i>Nicotiana benthamiana</i> from lethal symptoms caused by Tobacco mosaic virus. <i>European Journal of Plant Pathology</i> , 2015, 141, 339-347. | 0.8 | 9 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1350 | Potential roles of WRKY transcription factors in regulating host defense responses during <i>Aspergillus flavus</i> infection of immature maize kernels. <i>Physiological and Molecular Plant Pathology</i> , 2015, 89, 31-40. | 1.3 | 31 |
| 1351 | Jasmonic acid signalling mediates resistance of the wild tobacco <i>Nicotiana attenuata</i> to its native <i>Fusarium</i> , but not <i>Alternaria</i> , fungal pathogens. <i>Plant, Cell and Environment</i> , 2015, 38, 572-584. | 2.8 | 18 |
| 1352 | Plant defence against aphids: the PAD4 signalling nexus. <i>Journal of Experimental Botany</i> , 2015, 66, 449-454. | 2.4 | 42 |
| 1353 | Silicon-mediated resistance of <i>Arabidopsis</i> against powdery mildew involves mechanisms other than the salicylic acid (SA)-dependent defence pathway. <i>Molecular Plant Pathology</i> , 2015, 16, 572-582. | 2.0 | 135 |
| 1354 | Genome-wide identification of jasmonate biosynthetic genes and characterization of their expression profiles during apple (<i>Malus domestica</i>) fruit maturation. <i>Plant Growth Regulation</i> , 2015, 75, 355-364. | 1.8 | 13 |
| 1355 | Activation of salicylic acid metabolism and signal transduction can enhance resistance to <i>Fusarium wilt</i> in banana (<i>Musa acuminata</i> L. AAA group, cv. Cavendish). <i>Functional and Integrative Genomics</i> , 2015, 15, 47-62. | 1.4 | 33 |
| 1356 | Light-induced systemic resistance in tomato plants against root-knot nematode <i>Meloidogyne incognita</i> . <i>Plant Growth Regulation</i> , 2015, 76, 167-175. | 1.8 | 22 |
| 1357 | Folic acid induces salicylic acid-dependent immunity in <i>Arabidopsis</i> and enhances susceptibility to <i>Alternaria brassicicola</i> . <i>Molecular Plant Pathology</i> , 2015, 16, 616-622. | 2.0 | 41 |
| 1358 | Root defense analysis against <i>Fusarium oxysporum</i> reveals new regulators to confer resistance. <i>Scientific Reports</i> , 2014, 4, 5584. | 1.6 | 80 |
| 1359 | What lies beneath: belowground defense strategies in plants. <i>Trends in Plant Science</i> , 2015, 20, 91-101. | 4.3 | 185 |
| 1361 | A review of the effects of soil organisms on plant hormone signalling pathways. <i>Environmental and Experimental Botany</i> , 2015, 114, 104-116. | 2.0 | 63 |
| 1362 | Magical mystery tour: Salicylic acid signalling. <i>Environmental and Experimental Botany</i> , 2015, 114, 117-128. | 2.0 | 125 |
| 1363 | Comparative metabolomics and transcriptomics of plant response to Tomato yellow leaf curl virus infection in resistant and susceptible tomato cultivars. <i>Metabolomics</i> , 2015, 11, 81-97. | 1.4 | 77 |
| 1364 | Evidence of extensive positive selection acting on cherry (<i>Prunus avium</i> L.) resistance gene analogs (RGAs). <i>Australian Journal of Crop Science</i> , 2016, 10, 1324-1329. | 0.1 | 7 |
| 1365 | Biotrophic Fungi Infection and Plant Defense Mechanism. <i>Journal of Plant Pathology & Microbiology</i> , 2016, 7, . | 0.3 | 11 |
| 1366 | The Salicylic Acid-Mediated Release of Plant Volatiles Affects the Host Choice of <i>Bemisia tabaci</i> . <i>International Journal of Molecular Sciences</i> , 2016, 17, 1048. | 1.8 | 26 |
| 1367 | Elevated O ₃ and TYLCV Infection Reduce the Suitability of Tomato as a Host for the Whitefly <i>Bemisia tabaci</i> . <i>International Journal of Molecular Sciences</i> , 2016, 17, 1964. | 1.8 | 11 |
| 1368 | How Microbes Twist Jasmonate Signaling around Their Little Fingers. <i>Plants</i> , 2016, 5, 9. | 1.6 | 58 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1369 | Synthesis and Functions of Jasmonates in Maize. <i>Plants</i> , 2016, 5, 41. | 1.6 | 92 |
| 1371 | Advances in Plant Tolerance to Abiotic Stresses. , 0, , . | | 30 |
| 1372 | Microtubule Polymerization Functions in Hypersensitive Response and Accumulation of H ₂ O ₂ in Wheat Induced by the Stripe Rust. <i>BioMed Research International</i> , 2016, 2016, 1-7. | 0.9 | 10 |
| 1373 | Effects of Development of Ontogenic Resistance in Strawberry Leaves Upon Pre- and Postgermination Growth and Sporulation of <i>Podosphaera aphanis</i> . <i>Plant Disease</i> , 2016, 100, 72-78. | 0.7 | 7 |
| 1374 | <i>Burkholderia phytofirmans</i> PsJN Confers Grapevine Resistance against <i>Botrytis cinerea</i> via a Direct Antimicrobial Effect Combined with a Better Resource Mobilization. <i>Frontiers in Plant Science</i> , 2016, 7, 1236. | 1.7 | 86 |
| 1375 | Abiotic and Biotic Elicitors' Role in Secondary Metabolites Production through In Vitro Culture of Medicinal Plants. , 0, , . | | 65 |
| 1376 | Successful Technologies and Approaches Used to Develop and Manage Resistance against Crop Diseases and Pests. , 2016, , 43-66. | | 14 |
| 1377 | Are Bacterial Volatile Compounds Poisonous Odors to a Fungal Pathogen <i>Botrytis cinerea</i> , Alarm Signals to <i>Arabidopsis</i> Seedlings for Eliciting Induced Resistance, or Both?. <i>Frontiers in Microbiology</i> , 2016, 7, 196. | 1.5 | 109 |
| 1378 | Plant Microbe Interactions in Post Genomic Era: Perspectives and Applications. <i>Frontiers in Microbiology</i> , 2016, 7, 1488. | 1.5 | 79 |
| 1379 | The Ubiquitin System and Jasmonate Signaling. <i>Plants</i> , 2016, 5, 6. | 1.6 | 43 |
| 1380 | Control of Carbon Assimilation and Partitioning by Jasmonate: An Accounting of Growth's Defense Tradeoffs. <i>Plants</i> , 2016, 5, 7. | 1.6 | 96 |
| 1381 | Transcriptome Profiling of Resistance to <i>Fusarium oxysporum</i> f. sp. <i>conglutinans</i> in Cabbage (<i>Brassica</i>) Tj ETQq1 1 0.784314 rgBT/Over | 1.1 | 38 |
| 1382 | Overexpression of Poplar PtrWRKY89 in Transgenic <i>Arabidopsis</i> Leads to a Reduction of Disease Resistance by Regulating Defense-Related Genes in Salicylate- and Jasmonate-Dependent Signaling. <i>PLoS ONE</i> , 2016, 11, e0149137. | 1.1 | 33 |
| 1383 | How the Pathogenic Fungus <i>Alternaria alternata</i> Copes with Stress via the Response Regulators SSK1 and SHO1. <i>PLoS ONE</i> , 2016, 11, e0149153. | 1.1 | 32 |
| 1384 | Enhanced Rice Blast Resistance by CRISPR/Cas9-Targeted Mutagenesis of the ERF Transcription Factor Gene OsERF922. <i>PLoS ONE</i> , 2016, 11, e0154027. | 1.1 | 567 |
| 1385 | Pathogens of Autotrophs. , 2016, , 245-292. | | 39 |
| 1386 | Biotechnological Approaches. , 2016, , 685-701. | | 1 |
| 1387 | Transcriptome Analysis of <i>Brassica rapa</i> Near-Isogenic Lines Carrying Clubroot-Resistant and 'Susceptible Alleles in Response to <i>Plasmodiophora brassicae</i> during Early Infection. <i>Frontiers in Plant Science</i> , 2015, 6, 1183. | 1.7 | 118 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1388 | <i>Pseudomonas fluorescens</i> and <i>Trichoderma asperellum</i> Enhance Expression of G β Subunits of the Pea Heterotrimeric G-protein during <i>Erysiphe pisi</i> Infection. <i>Frontiers in Plant Science</i> , 2015, 6, 1206. | 1.7 | 29 |
| 1389 | A New Ethylene-Responsive Factor CaPTI1 Gene of Pepper (<i>Capsicum annuum</i> L.) Involved in the Regulation of Defense Response to <i>Phytophthora capsici</i> . <i>Frontiers in Plant Science</i> , 2016, 6, 1217. | 1.7 | 51 |
| 1390 | How Phytohormones Shape Interactions between Plants and the Soil-Borne Fungus <i>Fusarium oxysporum</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 170. | 1.7 | 94 |
| 1391 | Transcriptome Analysis of <i>Gerbera hybrida</i> Including in silico Confirmation of Defense Genes Found. <i>Frontiers in Plant Science</i> , 2016, 7, 247. | 1.7 | 23 |
| 1392 | Evolutionary and Expression Analyses of the Apple Basic Leucine Zipper Transcription Factor Family. <i>Frontiers in Plant Science</i> , 2016, 7, 376. | 1.7 | 64 |
| 1393 | Grapevine Pathogenic Microorganisms: Understanding Infection Strategies and Host Response Scenarios. <i>Frontiers in Plant Science</i> , 2016, 7, 382. | 1.7 | 138 |
| 1394 | Emerging Trends in Molecular Interactions between Plants and the Broad Host Range Fungal Pathogens <i>Botrytis cinerea</i> and <i>Sclerotinia sclerotiorum</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 422. | 1.7 | 105 |
| 1395 | Insights into the Mechanisms Underlying Ultraviolet-C Induced Resveratrol Metabolism in Grapevine (<i>V. amurensis</i> Rupr.) cv. 'Tonghua-3'. <i>Frontiers in Plant Science</i> , 2016, 7, 503. | 1.7 | 38 |
| 1396 | Genome-Wide Identification and Analysis of the SBP-Box Family Genes under <i>Phytophthora capsici</i> Stress in Pepper (<i>Capsicum annuum</i> L.). <i>Frontiers in Plant Science</i> , 2016, 7, 504. | 1.7 | 73 |
| 1397 | Light Suppresses Bacterial Population through the Accumulation of Hydrogen Peroxide in Tobacco Leaves Infected with <i>Pseudomonas syringae</i> pv. <i>tabaci</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 512. | 1.7 | 24 |
| 1398 | Water Stress Modulates Soybean Aphid Performance, Feeding Behavior, and Virus Transmission in Soybean. <i>Frontiers in Plant Science</i> , 2016, 7, 552. | 1.7 | 63 |
| 1399 | Linking Jasmonic Acid to Grapevine Resistance against the Biotrophic Oomycete <i>Plasmopara viticola</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 565. | 1.7 | 85 |
| 1400 | The Defense Metabolite, Allyl Glucosinolate, Modulates <i>Arabidopsis thaliana</i> Biomass Dependent upon the Endogenous Glucosinolate Pathway. <i>Frontiers in Plant Science</i> , 2016, 7, 774. | 1.7 | 56 |
| 1401 | Obligate Biotroph Pathogens of the Genus <i>Albugo</i> Are Better Adapted to Active Host Defense Compared to Niche Competitors. <i>Frontiers in Plant Science</i> , 2016, 7, 820. | 1.7 | 29 |
| 1402 | De novo Transcriptome Sequencing to Dissect Candidate Genes Associated with Pearl Millet-Downy Mildew (<i>Sclerospora graminicola</i> Sacc.) Interaction. <i>Frontiers in Plant Science</i> , 2016, 7, 847. | 1.7 | 39 |
| 1403 | A De Novo-Assembly Based Data Analysis Pipeline for Plant Obligate Parasite Metatranscriptomic Studies. <i>Frontiers in Plant Science</i> , 2016, 7, 925. | 1.7 | 10 |
| 1404 | A Genome-Wide Analysis Reveals Stress and Hormone Responsive Patterns of TIFY Family Genes in <i>Brassica rapa</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 936. | 1.7 | 41 |
| 1405 | Vector-Borne Bacterial Plant Pathogens: Interactions with Hemipteran Insects and Plants. <i>Frontiers in Plant Science</i> , 2016, 7, 1163. | 1.7 | 156 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1406 | The Ectopic Expression of CaRop1 Modulates the Response of Tobacco Plants to <i>Ralstonia solanacearum</i> and Aphids. <i>Frontiers in Plant Science</i> , 2016, 7, 1177. | 1.7 | 8 |
| 1407 | Plant Tolerance: A Unique Approach to Control Hemipteran Pests. <i>Frontiers in Plant Science</i> , 2016, 7, 1363. | 1.7 | 114 |
| 1408 | Expression of the Grape VqSTS21 Gene in <i>Arabidopsis</i> Confers Resistance to Osmotic Stress and Biotrophic Pathogens but Not <i>Botrytis cinerea</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 1379. | 1.7 | 23 |
| 1409 | OPDA Has Key Role in Regulating Plant Susceptibility to the Root-Knot Nematode <i>Meloidogyne hapla</i> in <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 1565. | 1.7 | 66 |
| 1410 | Exogenous Trehalose Treatment Enhances the Activities of Defense-Related Enzymes and Triggers Resistance against Downy Mildew Disease of Pearl Millet. <i>Frontiers in Plant Science</i> , 2016, 7, 1593. | 1.7 | 44 |
| 1411 | The Mechanisms of Maize Resistance to <i>Fusarium verticillioides</i> by Comprehensive Analysis of RNA-seq Data. <i>Frontiers in Plant Science</i> , 2016, 7, 1654. | 1.7 | 61 |
| 1412 | A Wheat Cinnamyl Alcohol Dehydrogenase TaCAD12 Contributes to Host Resistance to the Sharp Eyespot Disease. <i>Frontiers in Plant Science</i> , 2016, 7, 1723. | 1.7 | 47 |
| 1413 | Island Cotton Enhanced Disease Susceptibility 1 Gene Encoding a Lipase-Like Protein Plays a Crucial Role in Response to <i>Verticillium dahliae</i> by Regulating the SA Level and H ₂ O ₂ Accumulation. <i>Frontiers in Plant Science</i> , 2016, 7, 1830. | 1.7 | 26 |
| 1414 | Narrow-Leafed Lupin (<i>Lupinus angustifolius</i>) Î²1- and Î²6-Conglutin Proteins Exhibit Antifungal Activity, Protecting Plants against Necrotrophic Pathogen Induced Damage from <i>Sclerotinia sclerotiorum</i> and <i>Phytophthora nicotianae</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 1856. | 1.7 | 17 |
| 1415 | Targeting the AtCWIN1 Gene to Explore the Role of Invertases in Sucrose Transport in Roots and during <i>Botrytis cinerea</i> Infection. <i>Frontiers in Plant Science</i> , 2016, 7, 1899. | 1.7 | 57 |
| 1416 | RNA-seq Profiling Reveals Defense Responses in a Tolerant Potato Cultivar to Stem Infection by <i>Pectobacterium carotovorum</i> ssp. <i>brasiliense</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 1905. | 1.7 | 16 |
| 1417 | The Mediator Complex Subunits MED14, MED15, and MED16 Are Involved in Defense Signaling Crosstalk in <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 1947. | 1.7 | 37 |
| 1418 | Jasmonate Signalling and Defence Responses in the Model Legume <i>Medicago truncatula</i> —A Focus on Responses to <i>Fusarium</i> Wilt Disease. <i>Plants</i> , 2016, 5, 11. | 1.6 | 9 |
| 1419 | A Novel Protein Elicitor (PeBA1) from <i>Bacillus amyloliquefaciens</i> NC6 Induces Systemic Resistance in Tobacco. <i>International Journal of Biological Sciences</i> , 2016, 12, 757-767. | 2.6 | 65 |
| 1420 | High-Density Mapping of Resistance QTL Toward <i>Phytophthora sojae</i> , <i>Pythium irregulare</i> , and <i>Fusarium graminearum</i> in the Same Soybean Population. <i>Crop Science</i> , 2016, 56, 2476-2492. | 0.8 | 41 |
| 1421 | The <i>Arabidopsis</i> leaf transcriptome reveals distinct but also overlapping responses to colonization by phyllosphere commensals and pathogen infection with impact on plant health. <i>New Phytologist</i> , 2016, 212, 192-207. | 3.5 | 134 |
| 1422 | Transcriptome dynamics of <i>Arabidopsis</i> during sequential biotic and abiotic stresses. <i>Plant Journal</i> , 2016, 86, 249-267. | 2.8 | 200 |
| 1423 | Turnabout Is Fair Play: Herbivory-Induced Plant Chitinases Excreted in Fall Armyworm Frass Suppress Herbivore Defenses in Maize. <i>Plant Physiology</i> , 2016, 171, 694-706. | 2.3 | 74 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1424 | Genome-wide transcriptomic analyses provide insights into the lifestyle transition and effector repertoire of <i>Leptosphaeria maculans</i> during the colonization of <i>Brassica napus</i> seedlings. <i>Molecular Plant Pathology</i> , 2016, 17, 1196-1210. | 2.0 | 72 |
| 1425 | Brassinosteroid's multi-modular interaction with the general stress network customizes stimulus-specific responses in <i>Arabidopsis</i> . <i>Plant Science</i> , 2016, 250, 165-177. | 1.7 | 9 |
| 1426 | Compatible and incompatible pathogen-plant interactions differentially affect plant volatile emissions and the attraction of parasitoid wasps. <i>Functional Ecology</i> , 2016, 30, 1779-1789. | 1.7 | 31 |
| 1427 | Interactions between callus cultures of <i>Pinus sylvestris</i> and pine fungi with different trophic properties. <i>Forest Pathology</i> , 2016, 46, 179-186. | 0.5 | 17 |
| 1428 | Quantitative disease resistance to the bacterial pathogen <i>Xanthomonas campestris</i> involves an Arabidopsis immune receptor pair and a gene of unknown function. <i>Molecular Plant Pathology</i> , 2016, 17, 510-520. | 2.0 | 53 |
| 1429 | <i>Leptosphaeria maculans</i> effector AvrLm4 affects salicylic acid (SA) and ethylene (ET) signalling and hydrogen peroxide (H ₂ O ₂) accumulation in <i>Brassica napus</i> . <i>Molecular Plant Pathology</i> , 2016, 17, 818-831. | 2.0 | 29 |
| 1430 | Silencing of the tomato phosphatidylinositol phospholipase C2 (SIPLC2) reduces plant susceptibility to <i>Botrytis cinerea</i> . <i>Molecular Plant Pathology</i> , 2016, 17, 1354-1363. | 2.0 | 22 |
| 1431 | Effect of prior drought and pathogen stress on <i>Arabidopsis</i> transcriptome changes to caterpillar herbivory. <i>New Phytologist</i> , 2016, 210, 1344-1356. | 3.5 | 53 |
| 1432 | Evolutionarily distant pathogens require the <i>Arabidopsis</i> phytoalexin signalling pathway to establish disease. <i>Plant, Cell and Environment</i> , 2016, 39, 1396-1407. | 2.8 | 34 |
| 1433 | Hormone signalling pathways are differentially involved in quantitative resistance of potato to <i>Phytophthora infestans</i> . <i>Plant Pathology</i> , 2016, 65, 342-352. | 1.2 | 21 |
| 1434 | A Role of the FUZZY ONIONS LIKE Gene in Regulating Cell Death and Defense in <i>Arabidopsis</i> . <i>Scientific Reports</i> , 2016, 6, 37797. | 1.6 | 5 |
| 1435 | Overexpression of <i>OsOSM1</i> Enhances Resistance to Rice Sheath Blight. <i>Plant Disease</i> , 2016, 100, 1634-1642. | 0.7 | 48 |
| 1436 | <i>Colletotrichum orbiculare</i> WHI2, a Yeast Stress-Response Regulator Homolog, Controls the Biotrophic Stage of Hemibiotrophic Infection Through TOR Signaling. <i>Molecular Plant-Microbe Interactions</i> , 2016, 29, 468-483. | 1.4 | 22 |
| 1437 | A thaumatin-like protein of <i>Ocimum basilicum</i> confers tolerance to fungal pathogen and abiotic stress in transgenic <i>Arabidopsis</i> . <i>Scientific Reports</i> , 2016, 6, 25340. | 1.6 | 138 |
| 1438 | The promoter of fatty acid desaturase on chromosome C5 in <i>Brassica napus</i> drives high-level expression in seeds. <i>Plant Biotechnology Reports</i> , 2016, 10, 369-381. | 0.9 | 3 |
| 1439 | Ectopically expressed glutaredoxin ROXY19 negatively regulates the detoxification pathway in <i>Arabidopsis thaliana</i> . <i>BMC Plant Biology</i> , 2016, 16, 200. | 1.6 | 30 |
| 1440 | Metabolism and Virulence Strategies in <i>Dickeya</i> Host Interactions. <i>Progress in Molecular Biology and Translational Science</i> , 2016, 142, 93-129. | 0.9 | 24 |
| 1441 | Genome-wide analysis of poplar VQ gene family and expression profiling under PEG, NaCl, and SA treatments. <i>Tree Genetics and Genomes</i> , 2016, 12, 1. | 0.6 | 28 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1442 | Network-Based Comparative Analysis of Arabidopsis Immune Responses to Golovinomyces orontii and Botrytis cinerea Infections. Scientific Reports, 2016, 6, 19149. | 1.6 | 37 |
| 1443 | The different interactions of Colletotrichum gloeosporioides with two strawberry varieties and the involvement of salicylic acid. Horticulture Research, 2016, 3, 16007. | 2.9 | 49 |
| 1444 | Fire blight disease reactome: RNA-seq transcriptional profile of apple host plant defense responses to Erwinia amylovora pathogen infection. Scientific Reports, 2016, 6, 21600. | 1.6 | 38 |
| 1445 | Development of disease-resistant rice by pathogen-responsive expression of WRKY45. Plant Biotechnology Journal, 2016, 14, 1127-1138. | 4.1 | 35 |
| 1446 | Comparison of nicotinamide adenine dinucleotide phosphate-induced immune responses against biotrophic and necrotrophic pathogens in <i>Arabidopsis thaliana</i> . Plant Signaling and Behavior, 2016, 11, e1169358. | 1.2 | 8 |
| 1447 | Plant Growth-Promoting Microbial-Mediated Induced Systemic Resistance in Plants: Induction, Mechanism, and Expression. , 2016, , 213-226. | | 7 |
| 1448 | <scp>ABC</scp> transporter <scp>PEN</scp>3/<scp>PDR</scp>8/<scp>ABCG</scp>36 interacts with calmodulin that, like <scp>PEN</scp>3, is required for Arabidopsis nonhost resistance. New Phytologist, 2016, 209, 294-306. | 3.5 | 67 |
| 1449 | Two members of TaRLK family confer powdery mildew resistance in common wheat. BMC Plant Biology, 2016, 16, 27. | 1.6 | 40 |
| 1450 | Effects of abiotic stress and hormones on the expressions of five 13-CmLOXs and enzyme activity in oriental melon (Cucumis melo var. makuwa Makino). Journal of Integrative Agriculture, 2016, 15, 326-338. | 1.7 | 14 |
| 1451 | Three-way interaction among plants, bacteria, and coleopteran insects. Planta, 2016, 244, 313-332. | 1.6 | 90 |
| 1452 | The potential for adaptive maintenance of diversity in insect antimicrobial peptides. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150291. | 1.8 | 60 |
| 1453 | <i>Nicotiana benthamiana</i> MAPK-WRKY pathway confers resistance to a necrotrophic pathogen <i>Botrytis cinerea</i>. Plant Signaling and Behavior, 2016, 11, e1183085. | 1.2 | 23 |
| 1454 | Small RNAs regulate plant responses to filamentous pathogens. Seminars in Cell and Developmental Biology, 2016, 56, 190-200. | 2.3 | 17 |
| 1455 | Expression profiling of marker genes responsive to the defence-associated phytohormones salicylic acid, jasmonic acid and ethylene in Brachypodium distachyon. BMC Plant Biology, 2016, 16, 59. | 1.6 | 39 |
| 1456 | Novel <scp>JAZ</scp> co-operativity and unexpected <scp>JA</scp> dynamics underpin <i>Arabidopsis</i> defence responses to <i>Pseudomonas syringae</i> infection. New Phytologist, 2016, 209, 1120-1134. | 3.5 | 43 |
| 1457 | Ectopic expression of a grape aspartic protease gene, AP13, in Arabidopsis thaliana improves resistance to powdery mildew but increases susceptibility to Botrytis cinerea. Plant Science, 2016, 248, 17-27. | 1.7 | 47 |
| 1458 | Jasmonates: signal transduction components and their roles in environmental stress responses. Plant Molecular Biology, 2016, 91, 673-689. | 2.0 | 155 |
| 1459 | Constitutive expression of a fungus-inducible carboxylesterase improves disease resistance in transgenic pepper plants. Planta, 2016, 244, 379-392. | 1.6 | 22 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1460 | The genes involved in the protective effects of phytohormones in response to <i>Verticillium dahliae</i> infection in <i>Gossypium hirsutum</i> . <i>Journal of Plant Biology</i> , 2016, 59, 194-202. | 0.9 | 13 |
| 1461 | Plant Defense Signaling and Responses Against Necrotrophic Fungal Pathogens. <i>Journal of Plant Growth Regulation</i> , 2016, 35, 1159-1174. | 2.8 | 93 |
| 1462 | Proteomics and functional analyses of <i>Arabidopsis</i> nitrilases involved in the defense response to microbial pathogens. <i>Planta</i> , 2016, 244, 449-465. | 1.6 | 7 |
| 1463 | New kid on the block – the clubroot pathogen genome moves the plasmodiophorids into the genomic era. <i>European Journal of Plant Pathology</i> , 2016, 145, 531-542. | 0.8 | 30 |
| 1464 | Effects of nitrogen nutrition on disease development caused by <i>Acidovorax citrulli</i> on melon foliage. <i>European Journal of Plant Pathology</i> , 2016, 145, 125-137. | 0.8 | 7 |
| 1465 | Comparative RNA-Seq analysis of <i>Nicotiana benthamiana</i> in response to <i>Phytophthora parasitica</i> infection. <i>Plant Growth Regulation</i> , 2016, 80, 59-67. | 1.8 | 19 |
| 1466 | Transcriptome changes specifically associated with apple (<i>Malus domestica</i>) root defense response during <i>Pythium ultimum</i> infection. <i>Physiological and Molecular Plant Pathology</i> , 2016, 94, 16-26. | 1.3 | 70 |
| 1467 | Morphological features of different polyploids for adaptation and molecular characterization of CC-NBS-LRR and LEA gene families in <i>Agave L.</i> <i>Journal of Plant Physiology</i> , 2016, 195, 80-94. | 1.6 | 22 |
| 1469 | Processing of AtBAG6 triggers autophagy and fungal resistance. <i>Plant Signaling and Behavior</i> , 2016, 11, e1175699. | 1.2 | 24 |
| 1470 | A cis-regulatory sequence from a short intergenic region gives rise to a strong microbe-associated molecular pattern-responsive synthetic promoter. <i>Molecular Genetics and Genomics</i> , 2016, 291, 1155-1165. | 1.0 | 1 |
| 1471 | Molecular Cloning and Characterization of Two Genes Encoding Tryptophan Decarboxylase from <i>Aegilops variabilis</i> with Resistance to the Cereal Cyst Nematode (<i>Heterodera avenae</i>) and Root-Knot Nematode (<i>Meloidogyne naasi</i>). <i>Plant Molecular Biology Reporter</i> , 2016, 34, 273-282. | 1.0 | 14 |
| 1472 | JUB1 suppresses <i>Pseudomonas syringae</i> -induced defense responses through accumulation of DELLA proteins. <i>Plant Signaling and Behavior</i> , 2016, 11, e1181245. | 1.2 | 28 |
| 1473 | Nucleoporin-regulated MAP kinase signaling in immunity to a necrotrophic fungal pathogen. <i>Plant Physiology</i> , 2016, 172, pp.00832.2016. | 2.3 | 31 |
| 1474 | Functional analysis of plant NB-LRR gene L3 by using <i>E. coli</i> . <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 1569-1574. | 1.0 | 4 |
| 1475 | Nine things to know about elicitors. <i>New Phytologist</i> , 2016, 212, 888-895. | 3.5 | 84 |
| 1476 | Elevated O ₃ increases volatile organic compounds via jasmonic acid pathway that promote the preference of parasitoid <i>Encarsia formosa</i> for tomato plants. <i>Plant Science</i> , 2016, 253, 243-250. | 1.7 | 9 |
| 1477 | A stilbene synthase allele from a Chinese wild grapevine confers resistance to powdery mildew by recruiting salicylic acid signalling for efficient defence. <i>Journal of Experimental Botany</i> , 2016, 67, 5841-5856. | 2.4 | 45 |
| 1478 | Knocking down expression of the auxin-amidohydrolase IAR3 alters defense responses in Solanaceae family plants. <i>Plant Science</i> , 2016, 253, 31-39. | 1.7 | 7 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1479 | Diverse responses of wild and cultivated tomato to BABA, oligandrin and <i>Oidium neolycopersici</i> infection. <i>Annals of Botany</i> , 2017, 119, mcw188. | 1.4 | 11 |
| 1480 | Modulation of oxidative responses by a virulent isolate of <i>Colletotrichum fructicola</i> in apple leaves. <i>Fungal Biology</i> , 2016, 120, 1184-1193. | 1.1 | 14 |
| 1481 | Biotrophy at Its Best: Novel Findings and Unsolved Mysteries of the Arabidopsis-Powdery Mildew Pathosystem. <i>The Arabidopsis Book</i> , 2016, 14, e0184. | 0.5 | 56 |
| 1482 | The <i>Arabidopsis</i> immune regulator <i>SRFR1</i> dampens defences against herbivory by <i>Spodoptera exigua</i> and parasitism by <i>Heterodera schachtii</i> . <i>Molecular Plant Pathology</i> , 2016, 17, 588-600. | 2.0 | 11 |
| 1483 | Cooperative interaction of antimicrobial peptides with the interrelated immune pathways in plants. <i>Molecular Plant Pathology</i> , 2016, 17, 464-471. | 2.0 | 39 |
| 1484 | Induced resistance to control postharvest decay of fruit and vegetables. <i>Postharvest Biology and Technology</i> , 2016, 122, 82-94. | 2.9 | 305 |
| 1485 | Behind the lines—actions of bacterial type III effector proteins in plant cells. <i>FEMS Microbiology Reviews</i> , 2016, 40, 894-937. | 3.9 | 260 |
| 1486 | Belowground Defence Strategies Against <i>Verticillium</i> Pathogens. <i>Signaling and Communication in Plants</i> , 2016, , 119-150. | 0.5 | 4 |
| 1487 | The Innate Immune Signaling System as a Regulator of Disease Resistance and Induced Systemic Resistance Activity Against <i>Verticillium dahliae</i> . <i>Molecular Plant-Microbe Interactions</i> , 2016, 29, 313-323. | 1.4 | 36 |
| 1488 | Plant Disease Detection by Imaging Sensors — Parallels and Specific Demands for Precision Agriculture and Plant Phenotyping. <i>Plant Disease</i> , 2016, 100, 241-251. | 0.7 | 757 |
| 1489 | Comparative transcriptomic analysis uncovers the complex genetic network for resistance to <i>Sclerotinia sclerotiorum</i> in <i>Brassica napus</i> . <i>Scientific Reports</i> , 2016, 6, 19007. | 1.6 | 126 |
| 1490 | NAD Acts as an Integral Regulator of Multiple Defense Layers. <i>Plant Physiology</i> , 2016, 172, 1465-1479. | 2.3 | 85 |
| 1491 | Transcription factor ANAC032 modulates JA/SA signalling in response to <i>Pseudomonas syringae</i> infection. <i>EMBO Reports</i> , 2016, 17, 1578-1589. | 2.0 | 39 |
| 1497 | Phytohormone sensing in the biotrophic fungus <i>Ustilago maydis</i> — the dual role of the transcription factor Rss1. <i>Molecular Microbiology</i> , 2016, 102, 290-305. | 1.2 | 19 |
| 1498 | Molecular biotechnology of plant—microbe—insect interactions. , 2016, , 213-230. | | 0 |
| 1499 | GhATAF1, a NAC transcription factor, confers abiotic and biotic stress responses by regulating phytohormonal signaling networks. <i>Plant Cell Reports</i> , 2016, 35, 2167-2179. | 2.8 | 74 |
| 1500 | Low concentrations of salicylic acid delay methyl jasmonate-induced leaf senescence by up-regulating nitric oxide synthase activity. <i>Journal of Experimental Botany</i> , 2016, 67, 5233-5245. | 2.4 | 43 |
| 1501 | Activation of phenylpropanoid pathway and PR of potato tuber against <i>Fusarium sulphureum</i> by fungal elicitor from <i>Trichothecium roseum</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 142. | 1.7 | 23 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1502 | Opportunistic Pathogens of Terrestrial Plants. <i>Advances in Environmental Microbiology</i> , 2016, , 147-168. | 0.1 | 6 |
| 1503 | Plant Virus-Vector Interactions: More Than Just for Virus Transmission. , 2016, , 217-240. | | 31 |
| 1504 | Jasmonic Acid and Ethylene Signaling Pathways Regulate Glucosinolate Levels in Plants During Rhizobacteria-Induced Systemic Resistance Against a Leaf-Chewing Herbivore. <i>Journal of Chemical Ecology</i> , 2016, 42, 1212-1225. | 0.9 | 118 |
| 1505 | Critical Role of COI1-Dependent Jasmonate Pathway in AAL toxin induced PCD in Tomato Revealed by Comparative Proteomics. <i>Scientific Reports</i> , 2016, 6, 28451. | 1.6 | 14 |
| 1506 | Flotillins, Erlins, and HIRs: From Animal Base Camp to Plant New Horizons. <i>Critical Reviews in Plant Sciences</i> , 2016, 35, 191-214. | 2.7 | 20 |
| 1507 | Cellulase from <i>Trichoderma harzianum</i> interacts with roots and triggers induced systemic resistance to foliar disease in maize. <i>Scientific Reports</i> , 2016, 6, 35543. | 1.6 | 78 |
| 1508 | Can plantâ€œnatural enemy communication withstand disruption by biotic and abiotic factors?. <i>Ecology and Evolution</i> , 2016, 6, 8569-8582. | 0.8 | 39 |
| 1509 | Genetics and molecular mapping of resistance to <i>Plasmodiophora brassicae</i> pathotypes 2, 3, 5, 6, and 8 in rutabaga (<i>Brassica napus</i> var. <i>napobrassica</i>). <i>Genome</i> , 2016, 59, 805-815. | 0.9 | 59 |
| 1510 | YopJ Family Effectors Promote Bacterial Infection through a Unique Acetyltransferase Activity. <i>Microbiology and Molecular Biology Reviews</i> , 2016, 80, 1011-1027. | 2.9 | 88 |
| 1511 | Arabidopsis AtERF014 acts as a dual regulator that differentially modulates immunity against <i>Pseudomonas syringae</i> pv. <i>tomato</i> and <i>Botrytis cinerea</i> . <i>Scientific Reports</i> , 2016, 6, 30251. | 1.6 | 54 |
| 1513 | Transcriptome analysis of root response to citrus blight based on the newly assembled Swingle citrumelo draft genome. <i>BMC Genomics</i> , 2016, 17, 485. | 1.2 | 15 |
| 1514 | Simultaneous induction of jasmonic acid and disease-responsive genes signifies tolerance of American elm to Dutch elm disease. <i>Scientific Reports</i> , 2016, 6, 21934. | 1.6 | 50 |
| 1515 | Menadione Sodium Bisulphite (MSB) enhances the resistance response of tomato, leading to repel mollusc pests. <i>Pest Management Science</i> , 2016, 72, 950-960. | 1.7 | 9 |
| 1516 | <i>Magnaporthe oryzae</i> aminosugar metabolism is essential for successful host colonization. <i>Environmental Microbiology</i> , 2016, 18, 1063-1077. | 1.8 | 15 |
| 1517 | Genome-Wide Identification and Analysis of the MYB Transcription Factor Superfamily in <i>Solanum lycopersicum</i> . <i>Plant and Cell Physiology</i> , 2016, 57, 1657-1677. | 1.5 | 117 |
| 1518 | Cytochrome P₄₅₀, CYP93A1, as defense marker in soybean. <i>Biologia Plantarum</i> , 2016, 60, 724-730. | 1.9 | 4 |
| 1519 | Molecular cloning and functional characterization of a DNA damage-inducible (DDI) gene in <i>Arabidopsis</i> . <i>Physiological and Molecular Plant Pathology</i> , 2016, 94, 126-133. | 1.3 | 18 |
| 1520 | Dissecting endophytic lifestyle along the parasitism/mutualism continuum in <i>Arabidopsis</i> . <i>Current Opinion in Microbiology</i> , 2016, 32, 103-112. | 2.3 | 102 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1521 | The WRKY57 Transcription Factor Affects the Expression of Jasmonate ZIM-Domain Genes Transcriptionally to Compromise <i>Botrytis cinerea</i> Resistance. <i>Plant Physiology</i> , 2016, 171, 2771-2782. | 2.3 | 110 |
| 1522 | Beneficial Soil Microbiota as Mediators of the Plant Defensive Phenotype and Aboveground Plant-Herbivore Interactions. <i>Progress in Botany Fortschritte Der Botanik</i> , 2016, , 305-343. | 0.1 | 4 |
| 1523 | <i>Plant, Soil and Microbes.</i> , 2016, , . | | 5 |
| 1524 | SWR1 Chromatin-Remodeling Complex Subunits and H2A.Z Have Non-overlapping Functions in Immunity and Gene Regulation in Arabidopsis. <i>Molecular Plant</i> , 2016, 9, 1051-1065. | 3.9 | 80 |
| 1525 | Response of phytohormones and correlation of SAR signal pathway genes to the different resistance levels of grapevine against <i>Plasmopara viticola</i> infection. <i>Plant Physiology and Biochemistry</i> , 2016, 107, 56-66. | 2.8 | 31 |
| 1526 | MicroRNA-mediated susceptible poplar gene expression regulation associated with the infection of virulent <i>Melampsora larici-populina</i> . <i>BMC Genomics</i> , 2016, 17, 59. | 1.2 | 29 |
| 1527 | A novel method of transcriptome interpretation reveals a quantitative suppressive effect on tomato immune signaling by two domains in a single pathogen effector protein. <i>BMC Genomics</i> , 2016, 17, 229. | 1.2 | 9 |
| 1528 | <i>Macrophomina phaseolina</i> : The Most Destructive Soybean Fungal Pathogen of Global Concern. <i>Fungal Biology</i> , 2016, , 193-205. | 0.3 | 8 |
| 1529 | Salivary proteins of spider mites suppress defenses in <i>Nicotiana benthamiana</i> and promote mite reproduction. <i>Plant Journal</i> , 2016, 86, 119-131. | 2.8 | 149 |
| 1530 | <i>Genomics of Plant, Soil, and Microbe Interaction.</i> , 2016, , 303-336. | | 1 |
| 1531 | <i>Mycorrhizal Association and Their Role in Plant Disease Protection.</i> , 2016, , 95-143. | | 5 |
| 1532 | Plant-Mediated Systemic Interactions Between Pathogens, Parasitic Nematodes, and Herbivores Above- and Belowground. <i>Annual Review of Phytopathology</i> , 2016, 54, 499-527. | 3.5 | 88 |
| 1533 | Defence sugarcane glycoproteins disorganize microtubules and prevent nuclear polarization and germination of <i>Sporisorium scitamineum</i> teliospores. <i>Journal of Plant Physiology</i> , 2016, 200, 111-123. | 1.6 | 11 |
| 1534 | Plant responses to red and far-red lights, applications in horticulture. <i>Environmental and Experimental Botany</i> , 2016, 121, 4-21. | 2.0 | 333 |
| 1535 | The role of wheat jasmonic acid and ethylene pathways in response to <i>Fusarium graminearum</i> infection. <i>Plant Growth Regulation</i> , 2016, 80, 69-77. | 1.8 | 35 |
| 1536 | A perspective on inter-kingdom signaling in plantâ€“beneficial microbe interactions. <i>Plant Molecular Biology</i> , 2016, 90, 537-548. | 2.0 | 97 |
| 1537 | The Arabidopsis microtubule-associated protein MAP65-3 supports infection by filamentous biotrophic pathogens by down-regulating salicylic acid-dependent defenses. <i>Journal of Experimental Botany</i> , 2016, 67, 1731-1743. | 2.4 | 35 |
| 1539 | The impact of phytohormones on virus infection and disease. <i>Current Opinion in Virology</i> , 2016, 17, 25-31. | 2.6 | 75 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1540 | Chloroplasts at work during plant innate immunity. <i>Journal of Experimental Botany</i> , 2016, 67, 3845-3854. | 2.4 | 187 |
| 1541 | Microbial-mediated Induced Systemic Resistance in Plants. , 2016, , . | | 24 |
| 1542 | Spore Density Determines Infection Strategy by the Plant Pathogenic Fungus <i>Plectosphaerella cucumerina</i> . <i>Plant Physiology</i> , 2016, 170, 2325-2339. | 2.3 | 56 |
| 1543 | The Role of Nitric Oxide in Development and Pathogenesis of Biotrophic Phytopathogens – Downy and Powdery Mildews. <i>Advances in Botanical Research</i> , 2016, 77, 263-283. | 0.5 | 7 |
| 1544 | Functional dissection of a strong and specific microbe-associated molecular pattern-responsive synthetic promoter. <i>Plant Biotechnology Journal</i> , 2016, 14, 61-71. | 4.1 | 18 |
| 1545 | False idolatry of the mythical growth versus immunity tradeoff in molecular systems plant pathology. <i>Physiological and Molecular Plant Pathology</i> , 2016, 95, 55-59. | 1.3 | 63 |
| 1546 | Nitric oxide: a signaling molecule which activates cell wall-associated defense of tomato against <i>Rhizoctonia solani</i> . <i>European Journal of Plant Pathology</i> , 2016, 144, 551-568. | 0.8 | 26 |
| 1547 | Colorado Potato Beetle Response to Potato Plants Infected with Potato Virus Y and Potato Leafroll Virus. <i>American Journal of Potato Research</i> , 2016, 93, 213-223. | 0.5 | 5 |
| 1548 | Cotton S-adenosylmethionine decarboxylase-mediated spermine biosynthesis is required for salicylic acid- and leucine-correlated signaling in the defense response to <i>Verticillium dahliae</i> . <i>Planta</i> , 2016, 243, 1023-1039. | 1.6 | 52 |
| 1549 | Expressing stacked HRAP and PFLP genes in transgenic banana has no synergistic effect on resistance to <i>Xanthomonas</i> wilt disease. <i>South African Journal of Botany</i> , 2016, 104, 125-133. | 1.2 | 13 |
| 1550 | Apple resistance responses against <i>Valsa mali</i> revealed by transcriptomics analyses. <i>Physiological and Molecular Plant Pathology</i> , 2016, 93, 85-92. | 1.3 | 42 |
| 1551 | Phytohormone pathways as targets of pathogens to facilitate infection. <i>Plant Molecular Biology</i> , 2016, 91, 713-725. | 2.0 | 135 |
| 1552 | Role of Plant Immune Signals and Signaling Systems in Plant Pathogenesis. <i>Signaling and Communication in Plants</i> , 2016, , 27-90. | 0.5 | 1 |
| 1553 | A Bacterial Effector Co-opts Calmodulin to Target the Plant Microtubule Network. <i>Cell Host and Microbe</i> , 2016, 19, 67-78. | 5.1 | 99 |
| 1554 | Wound responses of wild apples suggest multiple resistance mechanism against blue mold decay. <i>Postharvest Biology and Technology</i> , 2016, 117, 132-140. | 2.9 | 23 |
| 1555 | Breeding for Disease Resistance in Cacao. , 2016, , 567-609. | | 17 |
| 1556 | Strategies for Characterization of Agriculturally Important Bacteria. , 2016, , 1-21. | | 7 |
| 1557 | Cranberry Resistance to Dodder Parasitism: Induced Chemical Defenses and Behavior of a Parasitic Plant. <i>Journal of Chemical Ecology</i> , 2016, 42, 95-106. | 0.9 | 13 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1558 | The plant cell wall as a site for molecular contacts in fungal pathogenesis. <i>Physiological and Molecular Plant Pathology</i> , 2016, 95, 44-49. | 1.3 | 10 |
| 1559 | Development of the infection strategy of the hemibiotrophic plant pathogen, <i>Colletotrichum orbiculare</i> , and plant immunity. <i>Physiological and Molecular Plant Pathology</i> , 2016, 95, 32-36. | 1.3 | 12 |
| 1560 | Plant resistance against the parasitic nematode <i>Heterodera schachtii</i> is mediated by MPK3 and MPK6 kinases, which are controlled by the MAPK phosphatase AP2C1 in <i>Arabidopsis</i> . <i>Journal of Experimental Botany</i> , 2016, 67, 107-118. | 2.4 | 53 |
| 1561 | Phenotypic and Physiological Characterization of the Epibiotic Interaction Between TM7x and Its Basibiont <i>Actinomyces</i> . <i>Microbial Ecology</i> , 2016, 71, 243-255. | 1.4 | 68 |
| 1562 | Ripening of Tomato Fruit and Susceptibility to <i>Botrytis cinerea</i> . , 2016, , 387-412. | | 14 |
| 1563 | <i>Botrytis</i> – the Fungus, the Pathogen and its Management in Agricultural Systems. , 2016, , . | | 167 |
| 1564 | Jasmonic acid and abscisic acid play important roles in host-pathogen interaction between <i>Fusarium graminearum</i> and wheat during the early stages of fusarium head blight. <i>Physiological and Molecular Plant Pathology</i> , 2016, 93, 39-48. | 1.3 | 93 |
| 1565 | Qualitative and quantitative changes of potato tuber proteome under the influence of signal molecules and infection with <i>Phytophthora infestans</i> . <i>Applied Biochemistry and Microbiology</i> , 2016, 52, 71-78. | 0.3 | 6 |
| 1566 | Down-regulation of plant defence in a resident spider mite species and its effect upon con- and heterospecifics. <i>Oecologia</i> , 2016, 180, 161-167. | 0.9 | 58 |
| 1567 | Beneficial elements for agricultural crops and their functional relevance in defence against stresses. <i>Archives of Agronomy and Soil Science</i> , 2016, 62, 905-920. | 1.3 | 77 |
| 1568 | MADS1, a novel MADS-box protein, is involved in the response of <i>Nicotiana benthamiana</i> to bacterial harpin _{Xoo} . <i>Journal of Experimental Botany</i> , 2016, 67, 131-141. | 2.4 | 41 |
| 1569 | Using jasmonates and salicylates to reduce losses within the fruit supply chain. <i>European Food Research and Technology</i> , 2016, 242, 143-156. | 1.6 | 31 |
| 1570 | Bacterial-Mediated Tolerance and Resistance to Plants Under Abiotic and Biotic Stresses. <i>Journal of Plant Growth Regulation</i> , 2016, 35, 276-300. | 2.8 | 138 |
| 1571 | Light signaling and plant responses to blue and UV radiations – Perspectives for applications in horticulture. <i>Environmental and Experimental Botany</i> , 2016, 121, 22-38. | 2.0 | 327 |
| 1572 | Transcriptional dynamics of <i>Phytophthora infestans</i> during sequential stages of hemibiotrophic infection of tomato. <i>Molecular Plant Pathology</i> , 2016, 17, 29-41. | 2.0 | 77 |
| 1573 | Analysis of the tomato leaf transcriptome during successive hemibiotrophic stages of a compatible interaction with the oomycete pathogen <i>Phytophthora infestans</i> . <i>Molecular Plant Pathology</i> , 2016, 17, 42-54. | 2.0 | 55 |
| 1574 | Jasmonates are induced by the PAMP flg22 but not the cell death-inducing elicitor Harpin in <i>Vitis rupestris</i> . <i>Protoplasma</i> , 2017, 254, 271-283. | 1.0 | 36 |
| 1575 | Response of <i>Vitis vinifera</i> cell cultures to <i>Eutypa lata</i> and <i>Trichoderma atroviride</i> culture filtrates: expression of defence-related genes and phenotypes. <i>Protoplasma</i> , 2017, 254, 863-879. | 1.0 | 23 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1576 | Wheat transcription factor <i>TaWRKY70</i> is positively involved in high-temperature seedling plant resistance to <i>Puccinia striiformis</i> f. sp. <i>tritici</i> . <i>Molecular Plant Pathology</i> , 2017, 18, 649-661. | 2.0 | 85 |
| 1577 | Absence of Cu/Zn superoxide dismutase BCSOD1 reduces <i>Botrytis cinerea</i> virulence in Arabidopsis and tomato plants, revealing interplay among reactive oxygen species, callose and signalling pathways. <i>Molecular Plant Pathology</i> , 2017, 18, 16-31. | 2.0 | 83 |
| 1578 | Overexpression of a novel peanut NBS-LRR gene <i>AhRRS5</i> enhances disease resistance to <i>Rhizoctonia solanacearum</i> in tobacco. <i>Plant Biotechnology Journal</i> , 2017, 15, 39-55. | 4.1 | 114 |
| 1579 | Ethylene signalling is essential for the resistance of <i>Nicotiana attenuata</i> against <i>Alternaria alternata</i> and phytoalexin scopoletin biosynthesis. <i>Plant Pathology</i> , 2017, 66, 277-284. | 1.2 | 37 |
| 1580 | An effector of apple proliferation phytoplasma targets TCP transcription factors—a generalized virulence strategy of phytoplasma?. <i>Molecular Plant Pathology</i> , 2017, 18, 435-442. | 2.0 | 65 |
| 1581 | Identification and characterization of expressed TIR- and non-TIR-NBS-LRR resistance gene analogous sequences from radish (<i>Raphanus sativus</i> L.) de novo transcriptome. <i>Scientia Horticulturae</i> , 2017, 216, 284-292. | 1.7 | 8 |
| 1582 | Ecological genomics of tropical trees: how local population size and allelic diversity of resistance genes relate to immune responses, cosusceptibility to pathogens, and negative density dependence. <i>Molecular Ecology</i> , 2017, 26, 2498-2513. | 2.0 | 50 |
| 1583 | Control of light leaf spot and clubroot in brassica crops using defence elicitors. <i>European Journal of Plant Pathology</i> , 2017, 148, 447-461. | 0.8 | 6 |
| 1584 | Chatting With a Tiny Belowground Member of the Holobiome. <i>Advances in Botanical Research</i> , 2017, , 135-160. | 0.5 | 22 |
| 1585 | An incoherent feed-forward loop mediates robustness and tunability in a plant immune network. <i>EMBO Reports</i> , 2017, 18, 464-476. | 2.0 | 51 |
| 1586 | PAMPs, PRRs, effectors and R-genes associated with citrus-pathogen interactions. <i>Annals of Botany</i> , 2017, 119, mcw238. | 1.4 | 48 |
| 1587 | Effects of jasmonic acid signalling on the wheat microbiome differ between body sites. <i>Scientific Reports</i> , 2017, 7, 41766. | 1.6 | 105 |
| 1588 | Dual herbivore attack and herbivore density affect metabolic profiles of <i>Brassica nigra</i> leaves. <i>Plant, Cell and Environment</i> , 2017, 40, 1356-1367. | 2.8 | 39 |
| 1589 | Jasmonate signaling and manipulation by pathogens and insects. <i>Journal of Experimental Botany</i> , 2017, 68, erw478. | 2.4 | 214 |
| 1590 | Endophytic fungus <i>Piriformospora indica</i> induced systemic resistance against rice sheath blight via affecting hydrogen peroxide and antioxidants. <i>Biocontrol Science and Technology</i> , 2017, 27, 252-267. | 0.5 | 50 |
| 1591 | QTL mapping and candidate genes for resistance to Fusarium ear rot and fumonisin contamination in maize. <i>BMC Plant Biology</i> , 2017, 17, 20. | 1.6 | 93 |
| 1592 | Investigating Proteome and Transcriptome Defense Response of Apples Induced by <i>Yarrowia lipolytica</i> . <i>Molecular Plant-Microbe Interactions</i> , 2017, 30, 301-311. | 1.4 | 48 |
| 1593 | Genome-wide characterization of JASMONATE-ZIM DOMAIN transcription repressors in wheat (<i>Triticum aestivum</i> L.). <i>BMC Genomics</i> , 2017, 18, 152. | 1.2 | 55 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1594 | Plant-Fungal Interactions: Special Secondary Metabolites of the Biotrophic, Necrotrophic, and Other Specific Interactions. , 2017, , 133-190. | | 3 |
| 1595 | SUMOylation Inhibition Mediated by Disruption of SUMO E1-E2 Interactions Confers Plant Susceptibility to Necrotrophic Fungal Pathogens. <i>Molecular Plant</i> , 2017, 10, 709-720. | 3.9 | 37 |
| 1596 | Genome Analysis of a Zygomycete Fungus <i>Choanephora cucurbitarum</i> Elucidates Necrotrophic Features Including Bacterial Genes Related to Plant Colonization. <i>Scientific Reports</i> , 2017, 7, 40432. | 1.6 | 9 |
| 1597 | <i>Botrytis</i> small RNA <i>Bc-siR37</i> suppresses plant defense genes by cross-kingdom RNAi. <i>RNA Biology</i> , 2017, 14, 421-428. | 1.5 | 171 |
| 1598 | Plant Biotechnology: Principles and Applications. , 2017, , . | | 6 |
| 1599 | Molecular characterisation and functional analysis of a cytochrome P450 gene in cotton. <i>Biologia (Poland)</i> , 2017, 72, 43-52. | 0.8 | 3 |
| 1600 | Unravelling early events in the <i>Taphrina deformans</i> – <i>Prunus persica</i> interaction: an insight into the differential responses in resistant and susceptible genotypes. <i>Plant, Cell and Environment</i> , 2017, 40, 1456-1473. | 2.8 | 17 |
| 1601 | A small secreted protein in <i>Zymoseptoria tritici</i> is responsible for avirulence on wheat cultivars carrying the <i>Stb6</i> resistance gene. <i>New Phytologist</i> , 2017, 214, 619-631. | 3.5 | 218 |
| 1602 | Plant Pathogenic Fungi. <i>Microbiology Spectrum</i> , 2017, 5, . | 1.2 | 187 |
| 1603 | Induction of SA-signaling pathway and ethylene biosynthesis in <i>Trichoderma harzianum</i> -treated tomato plants after infection of the root-knot nematode <i>Meloidogyne incognita</i> . <i>Plant Cell Reports</i> , 2017, 36, 621-631. | 2.8 | 78 |
| 1604 | ORA59 and EIN3 interaction couples jasmonate–ethylene synergistic action to antagonistic salicylic acid regulation of PDF expression. <i>Journal of Integrative Plant Biology</i> , 2017, 59, 275-287. | 4.1 | 65 |
| 1605 | Reduced susceptibility of tomato stem to the necrotrophic fungus <i>Botrytis cinerea</i> is associated with a specific adjustment of fructose content in the host sugar pool. <i>Annals of Botany</i> , 2017, 119, mcw240. | 1.4 | 34 |
| 1606 | Beneficial effect of <i>Trichoderma harzianum</i> strain Ths97 in biocontrolling <i>Fusarium solani</i> causal agent of root rot disease in olive trees. <i>Biological Control</i> , 2017, 110, 70-78. | 1.4 | 83 |
| 1607 | Gene expression analysis in <i>Musa acuminata</i> during compatible interactions with <i>Meloidogyne incognita</i> . <i>Annals of Botany</i> , 2017, 119, mcw272. | 1.4 | 22 |
| 1608 | Transcriptomic analysis of molecular responses in <i>Malus domestica</i> ‘M26’ roots affected by apple replant disease. <i>Plant Molecular Biology</i> , 2017, 94, 303-318. | 2.0 | 55 |
| 1609 | Direct and indirect resistance of sugarcane to <i>Diatraea saccharalis</i> induced by jasmonic acid. <i>Bulletin of Entomological Research</i> , 2017, 107, 828-838. | 0.5 | 12 |
| 1610 | Overcompensation of herbivore reproduction through hyper-suppression of plant defenses in response to competition. <i>New Phytologist</i> , 2017, 214, 1688-1701. | 3.5 | 39 |
| 1611 | Genome-wide analysis of VQ motif-containing proteins in Moso bamboo (<i>Phyllostachys edulis</i>). <i>Planta</i> , 2017, 246, 165-181. | 1.6 | 50 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 1612 | Diversity of Ukrainian winter common wheat varieties with respect to storage protein loci and molecular markers for disease resistance genes. <i>Cytology and Genetics</i> , 2017, 51, 117-129. | 0.2 | 23 |
| 1613 | <i>Ustilago maydis</i> effectors and their impact on virulence. <i>Nature Reviews Microbiology</i> , 2017, 15, 409-421. | 13.6 | 188 |
| 1614 | Genome-wide analysis of autophagy-related genes in banana highlights MaATG8s in cell death and autophagy in immune response to <i>Fusarium</i> wilt. <i>Plant Cell Reports</i> , 2017, 36, 1237-1250. | 2.8 | 48 |
| 1615 | Communication in the Phytobiome. <i>Cell</i> , 2017, 169, 587-596. | 13.5 | 251 |
| 1616 | Breeding for mycorrhizal symbiosis: focus on disease resistance. <i>Euphytica</i> , 2017, 213, 1. | 0.6 | 62 |
| 1617 | Calcium-dependent protein kinase OsCPK10 mediates both drought tolerance and blast disease resistance in rice plants. <i>Journal of Experimental Botany</i> , 2017, 68, 2963-2975. | 2.4 | 69 |
| 1618 | Necrotrophic behaviour of <i>Erwinia amylovora</i> in apple and tobacco leaf tissue. <i>Plant Pathology</i> , 2017, 66, 842-855. | 1.2 | 32 |
| 1619 | Towards engineering of hormonal crosstalk in plant immunity. <i>Current Opinion in Plant Biology</i> , 2017, 38, 164-172. | 3.5 | 125 |
| 1620 | Metabolomic Response to Huanglongbing: Role of Carboxylic Compounds in <i>Citrus sinensis</i> Response to <i>Candidatus Liberibacter asiaticus</i> ™ and Its Vector, <i>Diaphorina citri</i> . <i>Molecular Plant-Microbe Interactions</i> , 2017, 30, 666-678. | 1.4 | 59 |
| 1621 | Functions of two <i>Malus hupehensis</i> (Pamp.) Rehd. YTPs (MhYTP1 and MhYTP2) in biotic- and abiotic-stress responses. <i>Plant Science</i> , 2017, 261, 18-27. | 1.7 | 37 |
| 1622 | From Chaos to Harmony: Responses and Signaling upon Microbial Pattern Recognition. <i>Annual Review of Phytopathology</i> , 2017, 55, 109-137. | 3.5 | 375 |
| 1623 | Reactive oxygen species accumulation and homeostasis are involved in plant immunity to an opportunistic fungal pathogen. <i>Journal of Plant Physiology</i> , 2017, 216, 152-163. | 1.6 | 47 |
| 1624 | Evidence for salicylic acid signalling and histological changes in the defence response of <i>Eucalyptus grandis</i> to <i>Chrysosporthe austroafricana</i> . <i>Scientific Reports</i> , 2017, 7, 45402. | 1.6 | 9 |
| 1625 | Emerging functions of multi-protein complex Mediator with special emphasis on plants. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2017, 52, 475-502. | 2.3 | 26 |
| 1626 | Genetic mapping and QTL analysis of <i>Botrytis</i> resistance in <i>Gerbera hybrida</i> . <i>Molecular Breeding</i> , 2017, 37, 13. | 1.0 | 21 |
| 1627 | Jasmonate regulates leaf senescence and tolerance to cold stress: crosstalk with other phytohormones. <i>Journal of Experimental Botany</i> , 2017, 68, 1361-1369. | 2.4 | 349 |
| 1628 | Differences and commonalities of plant responses to single and combined stresses. <i>Plant Journal</i> , 2017, 90, 839-855. | 2.8 | 206 |
| 1629 | Antagonism between two root-associated beneficial <i>Pseudomonas</i> strains does not affect plant growth promotion and induced resistance against a leaf-chewing herbivore. <i>FEMS Microbiology Ecology</i> , 2017, 93, . | 1.3 | 18 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1630 | Salicylic acid-related cotton (<i>Gossypium arboreum</i>) ribosomal protein GaRPL18 contributes to resistance to <i>Verticillium dahliae</i> . <i>BMC Plant Biology</i> , 2017, 17, 59. | 1.6 | 112 |
| 1634 | Differential expression of molecular rust resistance components have distinctive profiles in <i>Coffea arabica</i> - <i>Hemileia vastatrix</i> interactions. <i>European Journal of Plant Pathology</i> , 2017, 149, 543-561. | 0.8 | 7 |
| 1635 | Involvement of salicylic acid, ethylene and jasmonic acid signalling pathways in the susceptibility of tomato to <i>Fusarium oxysporum</i> . <i>Molecular Plant Pathology</i> , 2017, 18, 1024-1035. | 2.0 | 73 |
| 1636 | Role of brassinosteroids in alleviating toxin-induced stress of <i>Verticillium dahliae</i> on cotton callus growth. <i>Environmental Science and Pollution Research</i> , 2017, 24, 12281-12292. | 2.7 | 18 |
| 1637 | Cytological and Molecular Characterization of <i>ZmWAK</i> -Mediated Head-Smut Resistance in Maize. <i>Molecular Plant-Microbe Interactions</i> , 2017, 30, 455-465. | 1.4 | 29 |
| 1638 | Identification of two transcription factors activating the expression of OsXIP in rice defence response. <i>BMC Biotechnology</i> , 2017, 17, 26. | 1.7 | 14 |
| 1639 | Genetic Engineering to Improve Biotic Stress Tolerance in Plants. , 2017, , 207-232. | | 0 |
| 1640 | Insect Herbivory of Leaves Affects the Auxin Flux Along Root Apices in <i>Arabidopsis thaliana</i> . <i>Journal of Plant Growth Regulation</i> , 2017, 36, 846-854. | 2.8 | 8 |
| 1641 | Content of salicylic and jasmonic acids in pea roots (<i>Pisum sativum</i> L.) at the initial stage of symbiotic or pathogenic interaction with bacteria of the family Rhizobiaceae. <i>Applied Biochemistry and Microbiology</i> , 2017, 53, 237-241. | 0.3 | 0 |
| 1642 | Genetic diversity of disease resistance genes in foxtail millet (<i>Setaria italica</i> L.). <i>Plant Gene</i> , 2017, 10, 8-16. | 1.4 | 23 |
| 1643 | Natural extracts from pepper, wild rue and clove can activate defenses against pathogens in tomato plants. <i>European Journal of Plant Pathology</i> , 2017, 149, 89-101. | 0.8 | 10 |
| 1644 | Mechanisms to Mitigate the Trade-Off between Growth and Defense. <i>Plant Cell</i> , 2017, 29, 666-680. | 3.1 | 436 |
| 1645 | Comparative analyses of transcriptome and proteome in response to cotton bollworm between a resistant wild soybean and a susceptible soybean cultivar. <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 129, 511-520. | 1.2 | 8 |
| 1646 | <i>JAZ2</i> controls stomata dynamics during bacterial invasion. <i>New Phytologist</i> , 2017, 213, 1378-1392. | 3.5 | 124 |
| 1647 | Functional analysis of oxidative burst in sugarcane smut-resistant and -susceptible genotypes. <i>Planta</i> , 2017, 245, 749-764. | 1.6 | 43 |
| 1648 | <i>TaADF4</i> , an actin-depolymerizing factor from wheat, is required for resistance to the stripe rust pathogen <i>Puccinia striiformis</i> f. sp. <i>tritici</i> . <i>Plant Journal</i> , 2017, 89, 1210-1224. | 2.8 | 33 |
| 1649 | Mechanisms and strategies of plant defense against <i>Botrytis cinerea</i> . <i>Critical Reviews in Biotechnology</i> , 2017, 37, 262-274. | 5.1 | 160 |
| 1651 | Impaired defense reactions in apple replant disease-affected roots of <i>Malus domestica</i> M26™. <i>Tree Physiology</i> , 2017, 37, 1672-1685. | 1.4 | 46 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1652 | Crop Improvement. , 2017, , . | | 3 |
| 1653 | Insights of Lr28 mediated wheat leaf rust resistance: Transcriptomic approach. <i>Gene</i> , 2017, 637, 72-89. | 1.0 | 22 |
| 1654 | Activity of the purified plant ABC transporter NtPDR1 is stimulated by diterpenes and sesquiterpenes involved in constitutive and induced defenses. <i>Journal of Biological Chemistry</i> , 2017, 292, 19491-19502. | 1.6 | 44 |
| 1655 | Gaining Insight into Plant Responses to Beneficial and Pathogenic Microorganisms Using Metabolomic and Transcriptomic Approaches. , 2017, , 113-140. | | 4 |
| 1656 | Toward Plant Defense Mechanisms Against Root Pathogens. , 2017, , 293-313. | | 2 |
| 1657 | Plant-Microbe Interactions: Current Perspectives of Mechanisms Behind Symbiotic and Pathogenic Associations. , 2017, , 97-126. | | 6 |
| 1658 | Plastic Transcriptomes Stabilize Immunity to Pathogen Diversity: The Jasmonic Acid and Salicylic Acid Networks within the Arabidopsis/ <i>Botrytis</i> Pathosystem. <i>Plant Cell</i> , 2017, 29, 2727-2752. | 3.1 | 84 |
| 1659 | RNA-seq Analysis in Plant-Fungus Interactions. , 2017, , 1-25. | | 0 |
| 1660 | MicroRNA396a-5p and -3p induce tomato disease susceptibility by suppressing target genes and upregulating salicylic acid. <i>Plant Science</i> , 2017, 265, 177-187. | 1.7 | 30 |
| 1661 | Elicitors and Their Roles in Plant Defence Against Pathogens Particularly Basidiomycetes. , 2017, , 305-334. | | 4 |
| 1662 | DARtseq molecular markers for resistance to Phytophthora cinnamomi in pineapple (Ananas comosus) Tj ETQq0 0 0,rgBT /Overlock 10 T | 0.5 | 4 |
| 1663 | Different Arabidopsis thaliana photosynthetic and defense responses to hemibiotrophic pathogen induced by local or distal inoculation of Burkholderia phytofirmans. <i>Photosynthesis Research</i> , 2017, 134, 201-214. | 1.6 | 27 |
| 1664 | CaHDZ27, a Homeodomain-Leucine Zipper I Protein, Positively Regulates the Resistance to <i>Ralstonia solanacearum</i> Infection in Pepper. <i>Molecular Plant-Microbe Interactions</i> , 2017, 30, 960-973. | 1.4 | 27 |
| 1665 | Overexpression of <i>AtPAD4</i> in transgenic <i>Brachypodium distachyon</i> enhances resistance to <i>Puccinia brachypodii</i> . <i>Plant Biology</i> , 2017, 19, 868-874. | 1.8 | 13 |
| 1666 | Histochemical Analyses Reveal That Stronger Intrinsic Defenses in Gossypium barbadense Than in G. hirsutum Are Associated With Resistance to Verticillium dahliae. <i>Molecular Plant-Microbe Interactions</i> , 2017, 30, 984-996. | 1.4 | 65 |
| 1667 | Tunicamycin-induced endoplasmic reticulum stress suppresses plant immunity. <i>Applied Biological Chemistry</i> , 2017, 60, 623-630. | 0.7 | 4 |
| 1668 | The Arabidopsis defensin gene, AtPDF1.1, mediates defence against Pectobacterium carotovorum subsp. carotovorum via an iron-withholding defence system. <i>Scientific Reports</i> , 2017, 7, 9175. | 1.6 | 43 |
| 1669 | Reactive oxygen species generated in chloroplasts contribute to tobacco leaf infection by the necrotrophic fungus <i>Botrytis cinerea</i> . <i>Plant Journal</i> , 2017, 92, 761-773. | 2.8 | 140 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1670 | Salicylic acid-mediated plant defense: Recent developments, missing links, and future outlook. <i>Frontiers in Biology</i> , 2017, 12, 258-270. | 0.7 | 39 |
| 1671 | <i>Nicotiana benthamiana</i> Matrix Metalloprotease 1 (NMMP1) gene confers disease resistance to <i>Phytophthora infestans</i> in tobacco and potato plants. <i>Journal of Plant Physiology</i> , 2017, 218, 189-195. | 1.6 | 10 |
| 1672 | Reactions of tobacco genotypes with different antioxidant capacities to powdery mildew and Tobacco mosaic virus infections. <i>Plant Physiology and Biochemistry</i> , 2017, 119, 232-239. | 2.8 | 11 |
| 1673 | Epichloa Fungal Endophytes and Plant Defenses: Not Just Alkaloids. <i>Trends in Plant Science</i> , 2017, 22, 939-948. | 4.3 | 162 |
| 1674 | SDE5, a putative RNA export protein, participates in plant innate immunity through a flagellin-dependent signaling pathway in <i>Arabidopsis</i> . <i>Scientific Reports</i> , 2017, 7, 9859. | 1.6 | 6 |
| 1675 | Interactions among symbionts operate across scales to influence parasite epidemics. <i>Ecology Letters</i> , 2017, 20, 1285-1294. | 3.0 | 62 |
| 1676 | Review of combinations of experimental and computational techniques to identify and understand genes involved in innate immunity and effector-triggered defence. <i>Methods</i> , 2017, 131, 120-127. | 1.9 | 17 |
| 1677 | Early <i>Arabidopsis</i> root hair growth stimulation by pathogenic strains of <i>Pseudomonas syringae</i> . <i>Annals of Botany</i> , 2017, 120, 437-446. | 1.4 | 26 |
| 1678 | MYC2 Orchestrates a Hierarchical Transcriptional Cascade That Regulates Jasmonate-Mediated Plant Immunity in Tomato. <i>Plant Cell</i> , 2017, 29, 1883-1906. | 3.1 | 263 |
| 1679 | Biotic and Abiotic Factors to Increase Bioactive Compounds in Fruits and Vegetables. , 2017, , 317-349. | | 14 |
| 1680 | Pathogen recognition in compatible plant-microbe interactions. <i>Scientific Reports</i> , 2017, 7, 6383. | 1.6 | 34 |
| 1681 | Bark and wood tissues of American elm exhibit distinct responses to Dutch elm disease. <i>Scientific Reports</i> , 2017, 7, 7114. | 1.6 | 11 |
| 1682 | Coronafacoyl Phytotoxin Biosynthesis and Evolution in the Common Scab Pathogen <i>Streptomyces scabiei</i> . <i>Applied and Environmental Microbiology</i> , 2017, 83, . | 1.4 | 26 |
| 1683 | HISTONE DEACETYLASE 6 represses pathogen defence responses in <i>Arabidopsis thaliana</i> . <i>Plant, Cell and Environment</i> , 2017, 40, 2972-2986. | 2.8 | 48 |
| 1684 | Significance and Role of Si in Crop Production. <i>Advances in Agronomy</i> , 2017, 146, 83-166. | 2.4 | 67 |
| 1685 | Comparison of transcriptome profiles by <i>Fusarium oxysporum</i> inoculation between <i>Fusarium</i> yellows resistant and susceptible lines in <i>Brassica rapa</i> L.. <i>Plant Cell Reports</i> , 2017, 36, 1841-1854. | 2.8 | 20 |
| 1686 | Holaphyllamine, a steroid, is able to induce defense responses in <i>Arabidopsis thaliana</i> and increases resistance against bacterial infection. <i>Planta</i> , 2017, 246, 1109-1124. | 1.6 | 7 |
| 1687 | Jasmonate-mediated defence responses, unlike salicylate-mediated responses, are involved in the recovery of grapevine from bois noir disease. <i>BMC Plant Biology</i> , 2017, 17, 118. | 1.6 | 55 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1688 | Pervasive interactions between foliar microbes and soil nutrients mediate leaf production and herbivore damage in a tropical forest. <i>New Phytologist</i> , 2017, 216, 99-112. | 3.5 | 18 |
| 1689 | The Signaling Roles of Glutathione in Plant Disease Resistance. , 2017, , 331-357. | | 24 |
| 1690 | Regulatory Factors in <i>Pochonia chlamydosporia</i> -Induced Gene Expression. , 2017, , 99-109. | | 0 |
| 1691 | Identification and comparative analysis of <i>Brassica juncea</i> pathogenesis-related genes in response to hormonal, biotic and abiotic stresses. <i>Acta Physiologiae Plantarum</i> , 2017, 39, 1. | 1.0 | 65 |
| 1692 | Evolution of Hormone Signaling Networks in Plant Defense. <i>Annual Review of Phytopathology</i> , 2017, 55, 401-425. | 3.5 | 423 |
| 1693 | <i>Arabidopsis</i> ABCG34 contributes to defense against necrotrophic pathogens by mediating the secretion of camalexin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E5712-E5720. | 3.3 | 71 |
| 1694 | Global profiling of phytohormone dynamics during combined drought and pathogen stress in <i>Arabidopsis thaliana</i> reveals ABA and JA as major regulators. <i>Scientific Reports</i> , 2017, 7, 4017. | 1.6 | 105 |
| 1695 | The SAL-PAP Chloroplast Retrograde Pathway Contributes to Plant Immunity by Regulating Glucosinolate Pathway and Phytohormone Signaling. <i>Molecular Plant-Microbe Interactions</i> , 2017, 30, 829-841. | 1.4 | 50 |
| 1696 | Parameters affecting plant defense pathway mediated recruitment of entomopathogenic nematodes. <i>Biocontrol Science and Technology</i> , 2017, 27, 833-843. | 0.5 | 4 |
| 1697 | BcXYG1, a Secreted Xyloglucanase from <i>Botrytis cinerea</i> , Triggers Both Cell Death and Plant Immune Responses. <i>Plant Physiology</i> , 2017, 175, 438-456. | 2.3 | 102 |
| 1698 | Expression regulation of a xylanase inhibitor gene riceXIP in rice (<i>Oryza sativa</i> L.). <i>Revista Brasileira De Botanica</i> , 2017, 40, 983-991. | 0.5 | 5 |
| 1699 | Identification and expression analysis of the apple (<i>Malus Æ— domestica</i>) basic helix-loop-helix transcription factor family. <i>Scientific Reports</i> , 2017, 7, 28. | 1.6 | 43 |
| 1700 | A candidate RxLR effector from <i>Plasmopara viticola</i> can elicit immune responses in <i>Nicotiana benthamiana</i> . <i>BMC Plant Biology</i> , 2017, 17, 75. | 1.6 | 43 |
| 1701 | Isolation and expression analysis of defensin gene and its promoter from <i>Brassica juncea</i> . <i>Journal of Plant Diseases and Protection</i> , 2017, 124, 591-600. | 1.6 | 8 |
| 1702 | Resistance of <i>Fusarium poae</i> in <i>Arabidopsis</i> leaves requires mainly functional JA and ET signaling pathways. <i>Fungal Biology</i> , 2017, 121, 841-848. | 1.1 | 13 |
| 1703 | Analysis of the grape (<i>Vitis vinifera</i> L.) thaumatin-like protein (TLP) gene family and demonstration that TLP29 contributes to disease resistance. <i>Scientific Reports</i> , 2017, 7, 4269. | 1.6 | 75 |
| 1704 | The Role of Photoreceptors in Response to Cucumber Mosaic Virus in <i>Arabidopsis thaliana</i> . <i>Journal of Plant Growth Regulation</i> , 2017, 36, 257-270. | 2.8 | 7 |
| 1705 | Systems genetics reveals a transcriptional network associated with susceptibility in the maize “grey leaf spot pathosystem. <i>Plant Journal</i> , 2017, 89, 746-763. | 2.8 | 49 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1706 | Glucuronan and oligoglucuronans isolated from green algae activate natural defense responses in apple fruit and reduce postharvest blue and gray mold decay. <i>Journal of Applied Phycology</i> , 2017, 29, 471-480. | 1.5 | 25 |
| 1707 | Salicylic acid to decrease plant stress. <i>Environmental Chemistry Letters</i> , 2017, 15, 101-123. | 8.3 | 138 |
| 1708 | Phytohormones associated with bacterial etiolation disease in creeping bentgrass. <i>Environmental and Experimental Botany</i> , 2017, 133, 35-49. | 2.0 | 5 |
| 1709 | Expression of the <i>Theobroma cacao</i> Bax inhibitor gene in tomato reduces infection by the hemibiotrophic pathogen <i>Monilophthora perniciosa</i> . <i>Molecular Plant Pathology</i> , 2017, 18, 1101-1112. | 2.0 | 9 |
| 1710 | Metabolomic, Biochemical, and Gene Expression Analyses Reveal the Underlying Responses of Resistant and Susceptible Banana Species during Early Infection with <i>Fusarium oxysporum</i> sp. <i>cubense</i> . <i>Plant Disease</i> , 2017, 101, 534-543. | 0.7 | 21 |
| 1711 | Plant life history and above/belowground interactions: missing links. <i>Oikos</i> , 2017, 126, 497-507. | 1.2 | 35 |
| 1712 | Calcium Dependent Protein Kinase, a Versatile Player in Plant Stress Management and Development. <i>Critical Reviews in Plant Sciences</i> , 2017, 36, 336-352. | 2.7 | 42 |
| 1713 | Belowground Microbial Crosstalk and Rhizosphere Biology. , 2017, , 695-752. | | 6 |
| 1714 | Plant-Microbe Interactions in the Rhizosphere: Mechanisms and Their Ecological Benefits. , 2017, , 193-219. | | 5 |
| 1715 | Novel mechanisms for organic acid-mediated aluminium tolerance in roots and leaves of two contrasting soybean genotypes. <i>AoB PLANTS</i> , 2017, 9, plx064. | 1.2 | 20 |
| 1716 | Phenolic profiles in apple leaves and the efficacy of selected phenols against fire blight (<i>Erwinia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 34 | 0.8 | 9 |
| 1717 | Reprogramming of a defense signaling pathway in rough lemon and sweet orange is a critical element of the early response to <i>Candidatus Liberibacter asiaticus</i> . <i>Horticulture Research</i> , 2017, 4, 17063. | 2.9 | 44 |
| 1718 | Comparative Genome Analysis Reveals Adaptation to the Ectophytic Lifestyle of Sooty Blotch and Flyspeck Fungi. <i>Genome Biology and Evolution</i> , 2017, 9, 3137-3151. | 1.1 | 11 |
| 1719 | Plant Pathogenic Fungi. , 2017, , 701-726. | | 22 |
| 1720 | Combining effects of ozone and <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> on antioxidants and phytoalexins in rice (<i>Oryza sativa</i> L.). <i>Australian Journal of Crop Science</i> , 2017, 11, 1626-1634. | 0.1 | 3 |
| 1721 | <i>Fusarium</i> -plant interaction: state of the art - a review. <i>Plant Protection Science</i> , 2017, 53, 61-70. | 0.7 | 20 |
| 1722 | Transcriptomics Analysis of Apple Leaves in Response to <i>Alternaria alternata</i> Apple Pathotype Infection. <i>Frontiers in Plant Science</i> , 2017, 8, 22. | 1.7 | 72 |
| 1723 | Editorial: Biotrophic Plant-Microbe Interactions. <i>Frontiers in Plant Science</i> , 2017, 8, 192. | 1.7 | 74 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1724 | Genetic Architecture of Resistance to <i>Alternaria brassicae</i> in <i>Arabidopsis thaliana</i> : QTL Mapping Reveals Two Major Resistance-Confering Loci. <i>Frontiers in Plant Science</i> , 2017, 8, 260. | 1.7 | 30 |
| 1725 | Adaptation Mechanisms in the Evolution of Moss Defenses to Microbes. <i>Frontiers in Plant Science</i> , 2017, 8, 366. | 1.7 | 45 |
| 1726 | TaDIR1-2, a Wheat Ortholog of Lipid Transfer Protein AtDIR1 Contributes to Negative Regulation of Wheat Resistance against <i>Puccinia striiformis</i> f. sp. <i>tritici</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 521. | 1.7 | 29 |
| 1727 | Genotype-Dependent Interaction of Lentil Lines with <i>Ascochyta lentis</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 764. | 1.7 | 24 |
| 1728 | Genetic Analysis of NBS-LRR Gene Family in Chickpea and Their Expression Profiles in Response to <i>Ascochyta</i> Blight Infection. <i>Frontiers in Plant Science</i> , 2017, 8, 838. | 1.7 | 60 |
| 1729 | Key Components of Different Plant Defense Pathways Are Dispensable for Powdery Mildew Resistance of the <i>Arabidopsis mlo2 mlo6 mlo12</i> Triple Mutant. <i>Frontiers in Plant Science</i> , 2017, 8, 1006. | 1.7 | 45 |
| 1730 | Ultrastructural and Cytological Studies on <i>Mycosphaerella pinodes</i> Infection of the Model Legume <i>Medicago truncatula</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 1132. | 1.7 | 11 |
| 1731 | Genome-Wide Linkage and Association Mapping of Halo Blight Resistance in Common Bean to Race 6 of the Globally Important Bacterial Pathogen. <i>Frontiers in Plant Science</i> , 2017, 8, 1170. | 1.7 | 57 |
| 1732 | MhYTP1 and MhYTP2 from Apple Confer Tolerance to Multiple Abiotic Stresses in <i>Arabidopsis thaliana</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 1367. | 1.7 | 18 |
| 1733 | Comparative Transcriptome Analyses of Gene Expression Changes Triggered by <i>Rhizoctonia solani</i> AG1 IA Infection in Resistant and Susceptible Rice Varieties. <i>Frontiers in Plant Science</i> , 2017, 8, 1422. | 1.7 | 59 |
| 1734 | Gaining Insight into Exclusive and Common Transcriptomic Features Linked with Biotic Stress Responses in <i>Malus</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 1569. | 1.7 | 28 |
| 1735 | HvPap-1 C1A Protease Participates Differentially in the Barley Response to a Pathogen and an Herbivore. <i>Frontiers in Plant Science</i> , 2017, 8, 1585. | 1.7 | 18 |
| 1736 | Overexpression of NPR1 in <i>Brassica juncea</i> Confers Broad Spectrum Resistance to Fungal Pathogens. <i>Frontiers in Plant Science</i> , 2017, 8, 1693. | 1.7 | 74 |
| 1737 | Overexpression of NtWRKY50 Increases Resistance to <i>Ralstonia solanacearum</i> and Alters Salicylic Acid and Jasmonic Acid Production in Tobacco. <i>Frontiers in Plant Science</i> , 2017, 8, 1710. | 1.7 | 57 |
| 1738 | Host-Pathogen Multi-Pathogen Warfare: Pathogen Interactions in Co-infected Plants. <i>Frontiers in Plant Science</i> , 2017, 8, 1806. | 1.7 | 149 |
| 1739 | A Plant-Feeding Nematode Indirectly Increases the Fitness of an Aphid. <i>Frontiers in Plant Science</i> , 2017, 8, 1897. | 1.7 | 18 |
| 1740 | Overexpression of NtPR-Q Up-Regulates Multiple Defense-Related Genes in <i>Nicotiana tabacum</i> and Enhances Plant Resistance to <i>Ralstonia solanacearum</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 1963. | 1.7 | 27 |
| 1741 | Tomato Reproductive Success Is Equally Affected by Herbivores That Induce or That Suppress Defenses. <i>Frontiers in Plant Science</i> , 2017, 8, 2128. | 1.7 | 11 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1742 | Trade-Offs in Arbuscular Mycorrhizal Symbiosis: Disease Resistance, Growth Responses and Perspectives for Crop Breeding. <i>Agronomy</i> , 2017, 7, 75. | 1.3 | 98 |
| 1743 | GhMAP3K65, a Cotton Raf-Like MAP3K Gene, Enhances Susceptibility to Pathogen Infection and Heat Stress by Negatively Modulating Growth and Development in Transgenic <i>Nicotiana benthamiana</i> . <i>International Journal of Molecular Sciences</i> , 2017, 18, 2462. | 1.8 | 26 |
| 1744 | Jasmonates. , 2017, , 243-272. | | 15 |
| 1745 | Analysis of Argonaute 4-Associated Long Non-Coding RNA in <i>Arabidopsis thaliana</i> Sheds Novel Insights into Gene Regulation through RNA-Directed DNA Methylation. <i>Genes</i> , 2017, 8, 198. | 1.0 | 19 |
| 1746 | Overexpression of the <i>Prunus sogdiana</i> NBS-LRR Subgroup Gene PsoRPM2 Promotes Resistance to the Root-Knot Nematode <i>Meloidogyne incognita</i> in Tobacco. <i>Frontiers in Microbiology</i> , 2017, 8, 2113. | 1.5 | 36 |
| 1747 | Involvement of the Transcriptional Coactivator ThMBF1 in the Biocontrol Activity of <i>Trichoderma harzianum</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 2273. | 1.5 | 20 |
| 1748 | Independent Effects of a Herbivore's Bacterial Symbionts on Its Performance and Induced Plant Defences. <i>International Journal of Molecular Sciences</i> , 2017, 18, 182. | 1.8 | 40 |
| 1749 | Induction of basal resistance by methyl jasmonate against <i>Fusarium culmorum</i> in bread wheat. <i>Cereal Research Communications</i> , 2017, 45, 248-259. | 0.8 | 7 |
| 1750 | A first insight into the involvement of phytohormones pathways in coffee resistance and susceptibility to <i>Colletotrichum kahawae</i> . <i>PLoS ONE</i> , 2017, 12, e0178159. | 1.1 | 30 |
| 1751 | Soil pathogen-aphid interactions under differences in soil organic matter and mineral fertilizer. <i>PLoS ONE</i> , 2017, 12, e0179695. | 1.1 | 5 |
| 1752 | Zoospore exudates from <i>Phytophthora nicotianae</i> affect immune responses in <i>Arabidopsis</i> . <i>PLoS ONE</i> , 2017, 12, e0180523. | 1.1 | 6 |
| 1753 | Ascorbate-Glutathione Cycle and Biotic Stress Tolerance in Plants. , 2017, , 201-231. | | 6 |
| 1754 | Ozone triggers different defence mechanisms against powdery mildew (<i>Blumeria graminis</i> DC. Speer f.) Tj ETQq0 0,0rgBT /Overlock 10 | 1.1 | 18 |
| 1755 | Detecting the Hormonal Pathways in Oilseed Rape behind Induced Systemic Resistance by <i>Trichoderma harzianum</i> TH12 to <i>Sclerotinia sclerotiorum</i> . <i>PLoS ONE</i> , 2017, 12, e0168850. | 1.1 | 52 |
| 1756 | Microarray analysis of <i>Arabidopsis</i> WRKY33 mutants in response to the necrotrophic fungus <i>Botrytis cinerea</i> . <i>PLoS ONE</i> , 2017, 12, e0172343. | 1.1 | 38 |
| 1757 | The highly buffered <i>Arabidopsis</i> immune signaling network conceals the functions of its components. <i>PLoS Genetics</i> , 2017, 13, e1006639. | 1.5 | 138 |
| 1758 | The Role of Ascorbic Acid in Plant's Pathogen Interactions. , 2017, , 255-271. | | 14 |
| 1759 | RNA-Seq analysis of resistant and susceptible sub-tropical maize lines reveals a role for kaurexins in resistance to grey leaf spot disease, caused by <i>Cercospora zeina</i> . <i>BMC Plant Biology</i> , 2017, 17, 197. | 1.6 | 43 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1760 | A post-gene silencing bioinformatics protocol for plant-defence gene validation and underlying process identification: case study of the Arabidopsis thaliana NPR1. BMC Plant Biology, 2017, 17, 218. | 1.6 | 5 |
| 1761 | Advances in induced resistance by natural compounds: towards new options for woody crop protection. Scientia Agricola, 2017, 74, 90-100. | 0.6 | 61 |
| 1762 | Elucidation of the molecular responses of a cucumber segment substitution line carrying Pm5.1 and its recurrent parent triggered by powdery mildew by comparative transcriptome profiling. BMC Genomics, 2017, 18, 21. | 1.2 | 47 |
| 1763 | The Impact of Plant-Parasitic Nematodes on Agriculture and Methods of Control. , 0, , . | | 68 |
| 1764 | Root-specific expression of defensin in transgenic tobacco results in enhanced resistance against Phytophthora parasitica var. nicotianae. European Journal of Plant Pathology, 2018, 151, 811-823. | 0.8 | 6 |
| 1765 | Pattern-Triggered Immunity Alters the Transcriptional Regulation of Virulence-Associated Genes and Induces the Sulfur Starvation Response in <i>Pseudomonas syringae</i> pv. <i>tomato</i> DC3000. Molecular Plant-Microbe Interactions, 2018, 31, 750-765. | 1.4 | 44 |
| 1766 | A Plant Phytosulfokine Peptide Initiates Auxin-Dependent Immunity through Cytosolic Ca ²⁺ Signaling in Tomato. Plant Cell, 2018, 30, 652-667. | 3.1 | 120 |
| 1767 | H ₂ O ₂ homeostasis in wild-type and ethylene-insensitive Never ripe tomato in response to salicylic acid treatment in normal photoperiod and in prolonged darkness. Plant Physiology and Biochemistry, 2018, 126, 74-85. | 2.8 | 21 |
| 1768 | Ectopic Expression of <i>JcWRKY</i> Confers Enhanced Resistance in Transgenic Tobacco Against <i>Macrophomina phaseolina</i> . DNA and Cell Biology, 2018, 37, 298-307. | 0.9 | 7 |
| 1769 | Exploring and exploiting the boundaries of host specificity using the cereal rust and mildew models. New Phytologist, 2018, 218, 453-462. | 3.5 | 29 |
| 1770 | Gibberellin antagonizes jasmonate-induced defense against <i>Meloidogyne graminicola</i> in rice. New Phytologist, 2018, 218, 646-660. | 3.5 | 71 |
| 1771 | NaPDR1 and NaPDR1-like are essential for the resistance of <i>Nicotiana attenuata</i> against fungal pathogen <i>Alternaria alternata</i> . Plant Diversity, 2018, 40, 68-73. | 1.8 | 24 |
| 1772 | An apoplastic peptide activates salicylic acid signalling in maize. Nature Plants, 2018, 4, 172-180. | 4.7 | 97 |
| 1773 | Two dominant loci determine resistance to Phomopsis cane lesions in F1 families of hybrid grapevines. Theoretical and Applied Genetics, 2018, 131, 1173-1189. | 1.8 | 22 |
| 1774 | Jasmonic and salicylic acid effects on bacterial etiolation and decline disease of creeping bentgrass. Crop Protection, 2018, 109, 9-16. | 1.0 | 7 |
| 1775 | Isochorismate-based salicylic acid biosynthesis confers basal resistance to <i>Fusarium graminearum</i> in barley. Molecular Plant Pathology, 2018, 19, 1995-2010. | 2.0 | 71 |
| 1776 | Interactive effects of CO ₂ concentrations and <i>Alternaria brassicae</i> (Berk.) Sacc. infection on defense signalling in <i>Brassica juncea</i> (L.) Czern. & Coss.. European Journal of Plant Pathology, 2018, 151, 413-425. | 0.8 | 10 |
| 1777 | Defense Response to Pathogens Through Epigenetic Regulation in Rice. Journal of Plant Biology, 2018, 61, 1-10. | 0.9 | 9 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1778 | Arabidopsis phospholipase D1 and D2 oppositely modulate EDS1- and SA-independent basal resistance against adapted powdery mildew. <i>Journal of Experimental Botany</i> , 2018, 69, 3675-3688. | 2.4 | 23 |
| 1779 | <i>CaC3H14</i> encoding a tandem CCCH zinc finger protein is directly targeted by CaWRKY40 and positively regulates the response of pepper to inoculation by <i>Ralstonia solanacearum</i> . <i>Molecular Plant Pathology</i> , 2018, 19, 2221-2235. | 2.0 | 38 |
| 1780 | Interactions between plant defence signalling pathways: Evidence from bioassays with insect herbivores and plant pathogens. <i>Journal of Ecology</i> , 2018, 106, 2353-2364. | 1.9 | 71 |
| 1781 | Acibenzolar-S-methyl is associated with yield reduction when used for managing bacterial wilt (<i>Erwinia tracheiphila</i>) in cantaloupe. <i>Crop Protection</i> , 2018, 109, 136-141. | 1.0 | 7 |
| 1782 | Plant and animal PR1 family members inhibit programmed cell death and suppress bacterial pathogens in plant tissues. <i>Molecular Plant Pathology</i> , 2018, 19, 2111-2123. | 2.0 | 60 |
| 1783 | Genome-wide analysis of dirigent gene family in pepper (<i>Capsicum annuum</i> L.) and characterization of CaDIR7 in biotic and abiotic stresses. <i>Scientific Reports</i> , 2018, 8, 5500. | 1.6 | 51 |
| 1784 | Transcriptome analysis of Brassica juncea var. tumida Tsen responses to Plasmodiophora brassicae primed by the biocontrol strain Zhihengliuella aestuarii. <i>Functional and Integrative Genomics</i> , 2018, 18, 301-314. | 1.4 | 31 |
| 1785 | The Receptor-like Cytoplasmic Kinase BIK1 Localizes to the Nucleus and Regulates Defense Hormone Expression during Plant Innate Immunity. <i>Cell Host and Microbe</i> , 2018, 23, 485-497.e5. | 5.1 | 92 |
| 1786 | Jasmonic acid regulation of the anti-herbivory mechanism conferred by fungal endophytes in grasses. <i>Journal of Ecology</i> , 2018, 106, 2365-2379. | 1.9 | 23 |
| 1787 | The role of silicon in plant biology: a paradigm shift in research approach. <i>Annals of Botany</i> , 2018, 121, 1265-1273. | 1.4 | 189 |
| 1788 | Molecular Aspects of Plant-Pathogen Interaction. , 2018, , . | | 28 |
| 1789 | Role of Phytohormones in Plant Defense: Signaling and Cross Talk. , 2018, , 159-184. | | 64 |
| 1790 | Functional characterization of an apple (<i>Malus x domestica</i>) LysM domain receptor encoding gene for its role in defense response. <i>Plant Science</i> , 2018, 269, 56-65. | 1.7 | 21 |
| 1791 | Physiological and molecular mechanism of defense in cotton against <i>Verticillium dahliae</i> . <i>Plant Physiology and Biochemistry</i> , 2018, 125, 193-204. | 2.8 | 112 |
| 1792 | Transcriptomic Studies Revealing Enigma of Plant-Pathogen Interaction. , 2018, , 219-238. | | 3 |
| 1793 | Fungal and Bacterial Biotrophy and Necrotrophy. , 2018, , 21-42. | | 2 |
| 1794 | Transgenic expression of plant-specific insert of potato aspartic proteases (StAP-PSI) confers enhanced resistance to <i>Botrytis cinerea</i> in <i>Arabidopsis thaliana</i> . <i>Phytochemistry</i> , 2018, 149, 1-11. | 1.4 | 18 |
| 1795 | Integration of sudden death syndrome resistance loci in the soybean genome. <i>Theoretical and Applied Genetics</i> , 2018, 131, 757-773. | 1.8 | 19 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1796 | Transcriptomic characterization and potential marker development of contrasting sugarcane cultivars. <i>Scientific Reports</i> , 2018, 8, 1683. | 1.6 | 46 |
| 1797 | The sesquiterpene botrydial from <i>Botrytis cinerea</i> induces phosphatidic acid production in tomato cell suspensions. <i>Planta</i> , 2018, 247, 1001-1009. | 1.6 | 8 |
| 1798 | Overexpression of AtWRKY50 is correlated with enhanced production of sinapic derivatives in <i>Arabidopsis</i> . <i>Metabolomics</i> , 2018, 14, 25. | 1.4 | 6 |
| 1799 | Identification and functional characterisation of an allene oxide synthase from grapevine (<i>Vitis</i>) Tj ETQq1 1 0.784314.rgBT/Oyerlock 10 | 1.0 | 21 |
| 1800 | Induction of systemic resistance in tomato against <i>Botrytis cinerea</i> by N-decanoyl-homoserine lactone via jasmonic acid signaling. <i>Planta</i> , 2018, 247, 1217-1227. | 1.6 | 37 |
| 1801 | <i>Streptomyces</i> Ach 505 triggers production of a salicylic acid analogue in the fungal pathogen <i>Heterobasidion abietinum</i> that enhances infection of Norway spruce seedlings. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 691-704. | 0.7 | 12 |
| 1802 | Commercial hybrids and mutant genotypes reveal complex protective roles for inducible terpenoid defenses in maize. <i>Journal of Experimental Botany</i> , 2018, 69, 1693-1705. | 2.4 | 42 |
| 1803 | Redox and the circadian clock in plant immunity: A balancing act. <i>Free Radical Biology and Medicine</i> , 2018, 119, 56-61. | 1.3 | 60 |
| 1804 | The Cuticle Mutant <i>eca2</i> Modifies Plant Defense Responses to Biotrophic and Necrotrophic Pathogens and Herbivory Insects. <i>Molecular Plant-Microbe Interactions</i> , 2018, 31, 344-355. | 1.4 | 26 |
| 1805 | Tools of the crook—Infection strategies of fungal plant pathogens. <i>Plant Journal</i> , 2018, 93, 664-674. | 2.8 | 83 |
| 1806 | Nonredundant functions of <i>Arabidopsis</i> LecRK-V.2 and LecRK-VII.1 in controlling stomatal immunity and jasmonate-mediated stomatal closure. <i>New Phytologist</i> , 2018, 218, 253-268. | 3.5 | 29 |
| 1807 | Salicylic Acid and Jasmonic Acid Pathways are Activated in Spatially Different Domains Around the Infection Site During Effector-Triggered Immunity in <i>Arabidopsis thaliana</i> . <i>Plant and Cell Physiology</i> , 2018, 59, 8-16. | 1.5 | 153 |
| 1808 | Exploring Elicitors of the Beneficial Rhizobacterium <i>Bacillus amyloliquefaciens</i> SQR9 to Induce Plant Systemic Resistance and Their Interactions With Plant Signaling Pathways. <i>Molecular Plant-Microbe Interactions</i> , 2018, 31, 560-567. | 1.4 | 104 |
| 1809 | MiR858-Mediated Regulation of Flavonoid-Specific MYB Transcription Factor Genes Controls Resistance to Pathogen Infection in <i>Arabidopsis</i> . <i>Plant and Cell Physiology</i> , 2018, 59, 190-204. | 1.5 | 73 |
| 1810 | Division of Tasks: Defense by the Spatial Separation of Antagonistic Hormone Activities. <i>Plant and Cell Physiology</i> , 2018, 59, 3-4. | 1.5 | 36 |
| 1811 | Robust Transcriptional Activation in Plants Using Multiplexed CRISPR-Act2.0 and mTALE-Act Systems. <i>Molecular Plant</i> , 2018, 11, 245-256. | 3.9 | 179 |
| 1812 | Jasmonic and salicylic acid response in the fern <i>Azolla filiculoides</i> and its cyanobiont. <i>Plant, Cell and Environment</i> , 2018, 41, 2530-2548. | 2.8 | 40 |
| 1813 | Pathogenesis-related proteins and peptides as promising tools for engineering plants with multiple stress tolerance. <i>Microbiological Research</i> , 2018, 212-213, 29-37. | 2.5 | 433 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1814 | Characterization and Alternative Splicing Profiles of the Lipoxygenase Gene Family in Tea Plant (<i>Camellia sinensis</i>). <i>Plant and Cell Physiology</i> , 2018, 59, 1765-1781. | 1.5 | 110 |
| 1815 | Transcriptome profiling analysis revealed co-regulation of multiple pathways in jujube during infection by <i>Candidatus Phytoplasma ziziphi</i> . <i>Gene</i> , 2018, 665, 82-95. | 1.0 | 31 |
| 1816 | Enzymatic activities and pathogenesis-related genes expression in sunflower inbred lines affected by <i>Sclerotinia sclerotiorum</i> culture filtrate. <i>Journal of Applied Microbiology</i> , 2018, 125, 227-242. | 1.4 | 6 |
| 1817 | Analysis of WRKY transcription factors and characterization of two <i>Botrytis cinerea</i> -responsive LrWRKY genes from <i>Lilium regale</i> . <i>Plant Physiology and Biochemistry</i> , 2018, 127, 525-536. | 2.8 | 26 |
| 1818 | Genome-wide gene expression profiles in response to downy mildew in Chinese cabbage (<i>Brassica rapa</i>) Tj ETQq0 0.0 rgBT /Overlock 10 | 0.8 | 10 |
| 1819 | Azolla: A Model System for Symbiotic Nitrogen Fixation and Evolutionary Developmental Biology. , 2018, , 21-46. | | 8 |
| 1820 | Cereal diseases caused by <i>Fusarium graminearum</i> : from biology of the pathogen to oxidative burst-related host defense responses. <i>European Journal of Plant Pathology</i> , 2018, 152, 1-20. | 0.8 | 27 |
| 1821 | The Elongator complex-associated protein DRL1 plays a positive role in immune responses against necrotrophic fungal pathogens in <i>Arabidopsis</i> . <i>Molecular Plant Pathology</i> , 2018, 19, 286-299. | 2.0 | 4 |
| 1822 | Indirect plant defense against insect herbivores: a review. <i>Insect Science</i> , 2018, 25, 2-23. | 1.5 | 225 |
| 1823 | <i>Dickeya dadantii</i> pectic enzymes necessary for virulence are also responsible for activation of the <i>Arabidopsis thaliana</i> innate immune system. <i>Molecular Plant Pathology</i> , 2018, 19, 313-327. | 2.0 | 17 |
| 1824 | <i>Brachypodium distachyon</i> as alternative model host system for the ergot fungus <i>Claviceps purpurea</i> . <i>Molecular Plant Pathology</i> , 2018, 19, 1005-1011. | 2.0 | 8 |
| 1825 | Tomato photorespiratory glycolate oxidase-derived H ₂ O ₂ production contributes to basal defence against <i>Pseudomonas syringae</i> . <i>Plant, Cell and Environment</i> , 2018, 41, 1126-1138. | 2.8 | 28 |
| 1826 | The Elicitor Protein AsES Induces a Systemic Acquired Resistance Response Accompanied by Systemic Microbursts and Micro-Hypersensitive Responses in <i>Fragaria ananassa</i> . <i>Molecular Plant-Microbe Interactions</i> , 2018, 31, 46-60. | 1.4 | 32 |
| 1827 | Systemic induction of salicylic acid-related plant defences in potato in response to <i>Rhizoctonia solani</i> AG-3-PT. <i>Plant Pathology</i> , 2018, 67, 337-348. | 1.2 | 15 |
| 1828 | Biological control of <i>Pythium</i> , <i>Rhizoctonia</i> and <i>Sclerotinia</i> in lettuce: association of the plant protective activity of the bacterium <i>Paenibacillus alvei</i> K165 with the induction of systemic resistance. <i>Plant Pathology</i> , 2018, 67, 418-425. | 1.2 | 17 |
| 1829 | Strategy of tobacco plant against black shank and tobacco mosaic virus infection via induction of PR-1, PR-4 and PR-5 proteins assisted by medicinal plant extracts. <i>Physiological and Molecular Plant Pathology</i> , 2018, 101, 127-145. | 1.3 | 8 |
| 1830 | Salicylic acid-dependent immunity contributes to resistance against <i>Rhizoctonia solani</i> , a necrotrophic fungal agent of sheath blight, in rice and <i>Brachypodium distachyon</i> . <i>New Phytologist</i> , 2018, 217, 771-783. | 3.5 | 102 |
| 1831 | Arbuscular mycorrhiza-mediated resistance in tomato against <i>Cladosporium fulvum</i> -induced mould disease. <i>Journal of Phytopathology</i> , 2018, 166, 67-74. | 0.5 | 36 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 1832 | A ceratoâ€platanin protein SsCP1 targets plant PR1 and contributes to virulence of <i>Sclerotinia sclerotiorum</i>. <i>New Phytologist</i> , 2018, 217, 739-755. | 3.5 | 211 |
| 1833 | Overexpression of persimmon 9-lipoxygenase DkLOX3 confers resistance to <i>Pseudomonas syringae</i> pv. tomato DC3000 and <i>Botrytis cinerea</i> in <i>Arabidopsis</i> . <i>Plant Growth Regulation</i> , 2018, 84, 179-189. | 1.8 | 14 |
| 1834 | The major leaf ferredoxin Fd2 regulates plant innate immunity in <i>Arabidopsis</i> . <i>Molecular Plant Pathology</i> , 2018, 19, 1377-1390. | 2.0 | 32 |
| 1835 | The MicroRNA miR773 Is Involved in the <i>Arabidopsis</i> Immune Response to Fungal Pathogens. <i>Molecular Plant-Microbe Interactions</i> , 2018, 31, 249-259. | 1.4 | 55 |
| 1836 | Mechanisms of resistance in the rice cultivar Manikpukha to the rice stem nematode <i>Ditylenchus angustus</i>. <i>Molecular Plant Pathology</i> , 2018, 19, 1391-1402. | 2.0 | 22 |
| 1837 | Suppression or Activation of Immune Responses by Predicted Secreted Proteins of the Soybean Rust Pathogen <i>Phakopsora pachyrhizi</i>. <i>Molecular Plant-Microbe Interactions</i> , 2018, 31, 163-174. | 1.4 | 54 |
| 1838 | Contribution of both lignin content and sinapyl monomer to disease resistance in tobacco. <i>Plant Pathology</i> , 2018, 67, 642-650. | 1.2 | 39 |
| 1839 | The cotton MAPK kinase GhMPK20 negatively regulates resistance to <i>Fusarium oxysporum</i> by mediating the MKK4â€“MPK20â€“WRKY40 cascade. <i>Molecular Plant Pathology</i> , 2018, 19, 1624-1638. | 2.0 | 41 |
| 1840 | Expression of tomato prosystemin gene in <i>Arabidopsis</i> reveals systemic translocation of its mRNA and confers necrotrophic fungal resistance. <i>New Phytologist</i> , 2018, 217, 799-812. | 3.5 | 39 |
| 1841 | Resistance assessment and biochemical responses of sugar beet lines against <i>Pythium aphanidermatum</i> , causing root rot. <i>European Journal of Plant Pathology</i> , 2018, 151, 307-319. | 0.8 | 5 |
| 1842 | <i>Arabidopsis</i> NAP-related proteins (NRPs) contribute to the coordination of plant growth, developmental rate, and age-related pathogen resistance under short days. <i>Plant Science</i> , 2018, 267, 124-134. | 1.7 | 15 |
| 1843 | Extracellular ATP Acts on Jasmonate Signaling to Reinforce Plant Defense. <i>Plant Physiology</i> , 2018, 176, 511-523. | 2.3 | 108 |
| 1844 | Constant vigilance: plant functions guarded by resistance proteins. <i>Plant Journal</i> , 2018, 93, 637-650. | 2.8 | 28 |
| 1845 | Consequences of <i>Sphaeropsis</i> tip blight disease for the phytohormone profile and antioxidative metabolism of its pine host. <i>Plant, Cell and Environment</i> , 2018, 41, 737-754. | 2.8 | 4 |
| 1846 | Isolation and characterization of systemic acquired resistance marker gene PR1 and its promoter from <i>Brassica juncea</i> . <i>3 Biotech</i> , 2018, 8, 10. | 1.1 | 34 |
| 1847 | The plant hormone salicylic acid interacts with the mechanism of antiâ€herbivory conferred by fungal endophytes in grasses. <i>Plant, Cell and Environment</i> , 2018, 41, 395-405. | 2.8 | 52 |
| 1848 | Chemical signaling involved in plantâ€“microbe interactions. <i>Chemical Society Reviews</i> , 2018, 47, 1652-1704. | 18.7 | 149 |
| 1849 | Genome-wide analysis of carotenoid cleavage oxygenase genes and their responses to various phytohormones and abiotic stresses in apple (<i>Malus domestica</i>). <i>Plant Physiology and Biochemistry</i> , 2018, 123, 81-93. | 2.8 | 40 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1850 | Over-expression of a grape WRKY transcription factor gene, VWRKY48, in <i>Arabidopsis thaliana</i> increases disease resistance and drought stress tolerance. <i>Plant Cell, Tissue and Organ Culture</i> , 2018, 132, 359-370. | 1.2 | 37 |
| 1851 | <i>Alternaria brassicae</i> interactions with the model Brassicaceae member <i>Arabidopsis thaliana</i> closely resembles those with Mustard (<i>Brassica juncea</i>). <i>Physiology and Molecular Biology of Plants</i> , 2018, 24, 51-59. | 1.4 | 24 |
| 1852 | Convergent and Divergent Signaling in PAMP-Triggered Immunity and Effector-Triggered Immunity. <i>Molecular Plant-Microbe Interactions</i> , 2018, 31, 403-409. | 1.4 | 246 |
| 1853 | A comparison of the molecular mechanisms underpinning high-intensity, pulsed polychromatic light and low-intensity UV-C hormesis in tomato fruit. <i>Postharvest Biology and Technology</i> , 2018, 137, 46-55. | 2.9 | 20 |
| 1854 | Citrus phytohormonal response to Candidatus <i>Liberibacter asiaticus</i> and its vector <i>Diaphorina citri</i> . <i>Physiological and Molecular Plant Pathology</i> , 2018, 102, 24-35. | 1.3 | 64 |
| 1855 | <i>Epichloa</i> endophyte effects on leaf blotch pathogen (<i>Rhynchosporium</i> sp.) of tall fescue (<i>Schedonorus phoenix</i>) vary among grass origin and environmental conditions. <i>Plant Ecology and Diversity</i> , 2018, 11, 625-635. | 1.0 | 9 |
| 1856 | A genome-scale metabolic model of potato late blight suggests a photosynthesis suppression mechanism. <i>BMC Genomics</i> , 2018, 19, 863. | 1.2 | 24 |
| 1857 | AP2/ERF Family Transcription Factors ORA59 and RAP2.3 Interact in the Nucleus and Function Together in Ethylene Responses. <i>Frontiers in Plant Science</i> , 2018, 9, 1675. | 1.7 | 49 |
| 1862 | The possible roles of <i>AtERF71</i> in the defense response against the <i>Fusarium graminearum</i> . <i>Plant Biotechnology</i> , 2018, 35, 187-192. | 0.5 | 5 |
| 1866 | Integrated transcriptome and hormone profiling highlight the role of multiple phytohormone pathways in wheat resistance against fusarium head blight. <i>PLoS ONE</i> , 2018, 13, e0207036. | 1.1 | 63 |
| 1867 | A host immune hormone modifies parasite species interactions and epidemics: insights from a field manipulation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20182075. | 1.2 | 22 |
| 1868 | The Cell Wall-Derived Xyloglucan Is a New DAMP Triggering Plant Immunity in <i>Vitis vinifera</i> and <i>Arabidopsis thaliana</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 1725. | 1.7 | 103 |
| 1869 | Distinct Signatures of Host Defense Suppression by Plant-Feeding Mites. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3265. | 1.8 | 22 |
| 1870 | Infection of maize inbred B73 by <i>Ustilago maydis</i> and <i>Fusarium proliferatum</i> triggers differential expression of the Î²-glucosidase genes. <i>Physiological and Molecular Plant Pathology</i> , 2018, 104, 127-134. | 1.3 | 3 |
| 1871 | HyPRP1 performs a role in negatively regulating cotton resistance to <i>V. dahliae</i> via the thickening of cell walls and ROS accumulation. <i>BMC Plant Biology</i> , 2018, 18, 339. | 1.6 | 41 |
| 1872 | Infestation by <i>Myzus persicae</i> Increases Susceptibility of <i>Brassica napus</i> cv. 'Canard' to <i>Rhizoctonia solani</i> AG 2-1. <i>Frontiers in Plant Science</i> , 2018, 9, 1903. | 1.7 | 2 |
| 1873 | Volatilomics: a non-invasive technique for screening plant phenotypic traits. <i>Plant Methods</i> , 2018, 14, 109. | 1.9 | 26 |
| 1874 | Chloroplasts at the Crossroad of Photosynthesis, Pathogen Infection and Plant Defense. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3900. | 1.8 | 145 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1875 | Brassinosteroid Signaling in Plant-Microbe Interactions. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4091. | 1.8 | 94 |
| 1876 | Insights into the transcriptional and post-transcriptional regulation of the rice SUMOylation machinery and into the role of two rice SUMO proteases. <i>BMC Plant Biology</i> , 2018, 18, 349. | 1.6 | 18 |
| 1877 | Different Pathogen Defense Strategies in Arabidopsis: More than Pathogen Recognition. <i>Cells</i> , 2018, 7, 252. | 1.8 | 84 |
| 1878 | Rust Infection of Black Poplar Trees Reduces Photosynthesis but Does Not Affect Isoprene Biosynthesis or Emission. <i>Frontiers in Plant Science</i> , 2018, 9, 1733. | 1.7 | 11 |
| 1879 | BrRLP48, Encoding a Receptor-Like Protein, Involved in Downy Mildew Resistance in Brassica rapa. <i>Frontiers in Plant Science</i> , 2018, 9, 1708. | 1.7 | 20 |
| 1880 | Expressions of autophagy-associated ATG genes in response to fusarium wilt infection in banana. <i>Australasian Plant Disease Notes</i> , 2018, 13, 1. | 0.4 | 1 |
| 1881 | Expression of a Grape VqSTS36-Increased Resistance to Powdery Mildew and Osmotic Stress in Arabidopsis but Enhanced Susceptibility to Botrytis cinerea in Arabidopsis and Tomato. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2985. | 1.8 | 13 |
| 1882 | Defense responses of lentil (<i>Lens culinaris</i>) genotypes carrying non-allelic ascochyta blight resistance genes to Ascochyta lentis infection. <i>PLoS ONE</i> , 2018, 13, e0204124. | 1.1 | 25 |
| 1883 | RNA sequencing analysis provides new insights into dynamic molecular responses to Valsa mali pathogenicity in apple 'Changfu No. 2'. <i>Tree Genetics and Genomes</i> , 2018, 14, 1. | 0.6 | 6 |
| 1884 | A <i>Verticillium dahliae</i> Pectate Lyase Induces Plant Immune Responses and Contributes to Virulence. <i>Frontiers in Plant Science</i> , 2018, 9, 1271. | 1.7 | 79 |
| 1885 | Surfactin Protects Wheat against <i>Zymoseptoria tritici</i> and Activates Both Salicylic Acid- and Jasmonic Acid-Dependent Defense Responses. <i>Agriculture (Switzerland)</i> , 2018, 8, 11. | 1.4 | 36 |
| 1886 | <i>Arabidopsis thaliana</i> Immunity-Related Compounds Modulate Disease Susceptibility in Barley. <i>Agronomy</i> , 2018, 8, 142. | 1.3 | 14 |
| 1887 | A Molecular Vision of the Interaction of Tomato Plants and <i>Fusarium oxysporum</i> f. sp. <i>lycopersic.</i> , 0, . | | 0 |
| 1888 | Nanodiagnosics Tools for Microbial Pathogenic Detection in Crop Plants. <i>Nanotechnology in the Life Sciences</i> , 2018, , 355-384. | 0.4 | 2 |
| 1889 | Simultaneous inoculation with beneficial and pathogenic microorganisms modifies peanut plant responses triggered by each microorganism. <i>Plant and Soil</i> , 2018, 433, 353-361. | 1.8 | 4 |
| 1890 | SUMO Suppresses the Activity of the Jasmonic Acid Receptor CORONATINE INSENSITIVE1. <i>Plant Cell</i> , 2018, 30, 2099-2115. | 3.1 | 43 |
| 1891 | Transcriptome analysis of an incompatible <i>Persea americana</i> - <i>Phytophthora cinnamomi</i> interaction reveals the involvement of SA- and JA-pathways in a successful defense response. <i>PLoS ONE</i> , 2018, 13, e0205705. | 1.1 | 30 |
| 1892 | CaSK23, a Putative GSK3/SHAGGY-Like Kinase of <i>Capsicum annuum</i> , Acts as a Negative Regulator of Pepper's Response to <i>Ralstonia solanacearum</i> Attack. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2698. | 1.8 | 9 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1893 | RNA sequencing-based transcriptome analysis of mature strawberry fruit infected by necrotrophic fungal pathogen <i>Botrytis cinerea</i> . <i>Physiological and Molecular Plant Pathology</i> , 2018, 104, 77-85. | 1.3 | 35 |
| 1894 | Expression profiles of defense genes in cassava storage roots upon exposure to <i>Phytophthora</i> sp., causal agent of soft root rot disease. <i>Physiological and Molecular Plant Pathology</i> , 2018, 104, 23-30. | 1.3 | 7 |
| 1895 | <i>Trichoderma gamsii</i> affected herbivore feeding behaviour on <i>Arabidopsis thaliana</i> by modifying the leaf metabolome and phytohormones. <i>Microbial Biotechnology</i> , 2018, 11, 1195-1206. | 2.0 | 21 |
| 1896 | A Single Effector Protein, AvrRpt2 _{EA} , from <i>Erwinia amylovora</i> Can Cause Fire Blight Disease Symptoms and Induces a Salicylic Acid-Dependent Defense Response. <i>Molecular Plant-Microbe Interactions</i> , 2018, 31, 1179-1191. | 1.4 | 19 |
| 1897 | Pivotal roles of environmental sensing and signaling mechanisms in plant responses to climate change. <i>Global Change Biology</i> , 2018, 24, 5573-5589. | 4.2 | 26 |
| 1898 | Transcriptome dynamics associated with resistance and susceptibility against fusarium head blight in four wheat genotypes. <i>BMC Genomics</i> , 2018, 19, 642. | 1.2 | 71 |
| 1899 | Evaluation of Major Ancestors of North American Soybean Cultivars for Resistance to Three <i>Pythium</i> Species that Cause Seedling Blight. <i>Plant Disease</i> , 2018, 102, 2241-2252. | 0.7 | 15 |
| 1900 | Metal hyperaccumulation in the Brassicaceae species <i>Arabidopsis halleri</i> reduces camalexin induction after fungal pathogen attack. <i>Environmental and Experimental Botany</i> , 2018, 153, 120-126. | 2.0 | 21 |
| 1901 | Role of ACC Deaminase as a Stress Ameliorating Enzyme of Plant Growth-Promoting Rhizobacteria Useful in Stress Agriculture: A Review. , 2018, , 57-106. | | 18 |
| 1902 | Plant-Pathogen Warfare under Changing Climate Conditions. <i>Current Biology</i> , 2018, 28, R619-R634. | 1.8 | 494 |
| 1903 | Identification of a type II cystatin in <i>Fragaria chiloensis</i> : A proteinase inhibitor differentially regulated during achene development and in response to biotic stress-related stimuli. <i>Plant Physiology and Biochemistry</i> , 2018, 129, 158-167. | 2.8 | 9 |
| 1904 | Systemic Acquired Resistance and Salicylic Acid: Past, Present, and Future. <i>Molecular Plant-Microbe Interactions</i> , 2018, 31, 871-888. | 1.4 | 350 |
| 1905 | Whole Root Transcriptomic Analysis Suggests a Role for Auxin Pathways in Resistance to <i>Ralstonia solanacearum</i> in Tomato. <i>Molecular Plant-Microbe Interactions</i> , 2018, 31, 432-444. | 1.4 | 55 |
| 1906 | MAP kinase signalling: interplays between plant PAMP- and effector-triggered immunity. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 2981-2989. | 2.4 | 105 |
| 1907 | Chitin and chitin-related compounds in plant-fungal interactions. <i>Mycology</i> , 2018, 9, 189-201. | 2.0 | 128 |
| 1908 | Defining plant growth promoting rhizobacteria molecular and biochemical networks in beneficial plant-microbe interactions. <i>Plant and Soil</i> , 2018, 428, 35-55. | 1.8 | 170 |
| 1909 | Contrasting nutrient-disease relationships: Potassium gradients in barley leaves have opposite effects on two fungal pathogens with different sensitivities to jasmonic acid. <i>Plant, Cell and Environment</i> , 2018, 41, 2357-2372. | 2.8 | 25 |
| 1910 | Genome-wide association study reveals novel players in defense hormone crosstalk in <i>Arabidopsis</i> . <i>Plant, Cell and Environment</i> , 2018, 41, 2342-2356. | 2.8 | 67 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1911 | Comparative Transcriptome Analysis of Rhizoctonia solani-resistant and -Susceptible Rice Cultivars Reveals the Importance of Pathogen Recognition and Active Immune Responses in Host Resistance. Journal of Plant Biology, 2018, 61, 143-158. | 0.9 | 14 |
| 1912 | A study of transcriptome in leaf rust infected bread wheat involving seedling resistance gene Lr28. Functional Plant Biology, 2018, 45, 1046. | 1.1 | 25 |
| 1914 | Tree Endophytes: Cryptic Drivers of Tropical Forest Diversity. Forestry Sciences, 2018, , 63-103. | 0.4 | 24 |
| 1915 | On plant defense signaling networks and early land plant evolution. Communicative and Integrative Biology, 2018, 11, 1-14. | 0.6 | 54 |
| 1916 | Chemical Activation of EDS1/PAD4 Signaling Leading to Pathogen Resistance in Arabidopsis. Plant and Cell Physiology, 2018, 59, 1592-1607. | 1.5 | 31 |
| 1917 | Harpin encapsulation in chitosan nanoparticles for improved bioavailability and disease resistance in tomato. Carbohydrate Polymers, 2018, 199, 11-19. | 5.1 | 64 |
| 1918 | Oligosaccharides successfully thwart hijacking of the salicylic acid pathway by <i>Phytophthora infestans</i> in potato leaves. Plant Pathology, 2018, 67, 1901-1911. | 1.2 | 15 |
| 1919 | Analysis of the resistance mechanisms in sugarcane during <i>Sporisorium scitamineum</i> infection using RNA-seq and microscopy. PLoS ONE, 2018, 13, e0197840. | 1.1 | 37 |
| 1920 | Ectopic expression of FvWRKY42 , a WRKY transcription factor from the diploid woodland strawberry (<i>Fragaria vesca</i>), enhances resistance to powdery mildew, improves osmotic stress resistance, and increases abscisic acid sensitivity in Arabidopsis. Plant Science, 2018, 275, 60-74. | 1.7 | 53 |
| 1921 | The role of chloroplasts in plant pathology. Essays in Biochemistry, 2018, 62, 21-39. | 2.1 | 43 |
| 1922 | Why Do Herbivorous Mites Suppress Plant Defenses?. Frontiers in Plant Science, 2018, 9, 1057. | 1.7 | 54 |
| 1923 | QTLs and eQTLs mapping related to citrandarins™ resistance to citrus gummosis disease. BMC Genomics, 2018, 19, 516. | 1.2 | 11 |
| 1924 | Short-Term Exposure to Nitrogen Dioxide Provides Basal Pathogen Resistance. Plant Physiology, 2018, 178, 468-487. | 2.3 | 17 |
| 1925 | No evidence for trade-offs in plant responses to consumer food web manipulations. Ecology, 2018, 99, 1953-1963. | 1.5 | 13 |
| 1926 | Activation of the salicylic acid signalling pathway in wheat had no significant short-term impact on the diversity of root-associated microbiomes. Pedobiologia, 2018, 70, 6-11. | 0.5 | 10 |
| 1927 | Modify the Histone to Win the Battle: Chromatin Dynamics in Plant-Pathogen Interactions. Frontiers in Plant Science, 2018, 9, 355. | 1.7 | 106 |
| 1928 | Novel Fungal Pathogenicity and Leaf Defense Strategies Are Revealed by Simultaneous Transcriptome Analysis of <i>Colletotrichum fructicola</i> and Strawberry Infected by This Fungus. Frontiers in Plant Science, 2018, 9, 434. | 1.7 | 52 |
| 1929 | Abscisic Acid as a Dominant Signal in Tomato During Salt Stress Predisposition to <i>Phytophthora</i> Root and Crown Rot. Frontiers in Plant Science, 2018, 9, 525. | 1.7 | 19 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1930 | Infection of Powdery Mildew Reduces the Fitness of Grain Aphids (<i>Sitobion avenae</i>) Through Restricted Nutrition and Induced Defense Response in Wheat. <i>Frontiers in Plant Science</i> , 2018, 9, 778. | 1.7 | 24 |
| 1931 | Mechanisms of Broad Host Range Necrotrophic Pathogenesis in <i>Sclerotinia sclerotiorum</i> . <i>Phytopathology</i> , 2018, 108, 1128-1140. | 1.1 | 132 |
| 1932 | Starch degradation, abscisic acid and vesicular trafficking are important elements in callose priming by indole-3-acetic acid in response to <i>Plectosphaerella cucumerina</i> infection. <i>Plant Journal</i> , 2018, 96, 518-531. | 2.8 | 34 |
| 1933 | Osmotic Stress and ABA Affect Immune Response and Susceptibility of Grapevine Berries to Gray Mold by Priming Polyamine Accumulation. <i>Frontiers in Plant Science</i> , 2018, 9, 1010. | 1.7 | 28 |
| 1934 | Transcriptional evidence for cross talk between JA and ET or SA during root-knot nematode invasion in tomato. <i>Physiological Genomics</i> , 2018, 50, 197-207. | 1.0 | 7 |
| 1935 | Potato snak-in-1 gene enhances tolerance to <i>Rhizoctonia solani</i> and <i>Sclerotinia sclerotiorum</i> in transgenic lettuce plants. <i>Journal of Biotechnology</i> , 2018, 283, 62-69. | 1.9 | 22 |
| 1936 | Functional Analogues of Salicylic Acid and Their Use in Crop Protection. <i>Agronomy</i> , 2018, 8, 5. | 1.3 | 66 |
| 1937 | Arabidopsis Transcription Factor MYB102 Increases Plant Susceptibility to Aphids by Substantial Activation of Ethylene Biosynthesis. <i>Biomolecules</i> , 2018, 8, 39. | 1.8 | 38 |
| 1938 | Genome-Wide Transcriptome Analysis Reveals the Comprehensive Response of Two Susceptible Poplar Sections to <i>Marssonina brunnea</i> Infection. <i>Genes</i> , 2018, 9, 154. | 1.0 | 36 |
| 1939 | Genome-Wide Identification of the Alba Gene Family in Plants and Stress-Responsive Expression of the Rice Alba Genes. <i>Genes</i> , 2018, 9, 183. | 1.0 | 29 |
| 1940 | Herbivory-responsive calmodulin-like protein CML9 does not guide jasmonate-mediated defenses in <i>Arabidopsis thaliana</i> . <i>PLoS ONE</i> , 2018, 13, e0197633. | 1.1 | 17 |
| 1942 | Expression of <i>Vitis amurensis</i> VaERF20 in <i>Arabidopsis thaliana</i> Improves Resistance to <i>Botrytis cinerea</i> and <i>Pseudomonas syringae</i> pv. <i>Tomato DC3000</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 696. | 1.8 | 28 |
| 1943 | Worldwide Research on Plant Defense against Biotic Stresses as Improvement for Sustainable Agriculture. <i>Sustainability</i> , 2018, 10, 391. | 1.6 | 126 |
| 1944 | Disease Resistance Mechanisms in Plants. <i>Genes</i> , 2018, 9, 339. | 1.0 | 290 |
| 1945 | Silicon protects soybean plants against <i>Phytophthora sojae</i> by interfering with effector-receptor expression. <i>BMC Plant Biology</i> , 2018, 18, 97. | 1.6 | 80 |
| 1946 | Plant annexins and their involvement in stress responses. <i>Environmental and Experimental Botany</i> , 2018, 155, 293-306. | 2.0 | 38 |
| 1947 | <i>Paenibacillus lentimorbus</i> induces autophagy for protecting tomato from <i>Sclerotium rolfsii</i> infection. <i>Microbiological Research</i> , 2018, 215, 164-174. | 2.5 | 19 |
| 1948 | Innate Immunity Engaged or Disengaged in Plant-Microbe Interactions. <i>Plant Physiology</i> , 2018, 177, 107-144. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1949 | Durable disease resistance in woody ornamentals: the breedersâ€™ challenge. <i>Acta Horticulturae</i> , 2018, , 1-8. | 0.1 | 1 |
| 1950 | Molecular networks in plantâ€™pathogen holobiont. <i>FEBS Letters</i> , 2018, 592, 1937-1953. | 1.3 | 38 |
| 1951 | Susceptible and tolerant potato leaf-responses post challenge with <i>Pectobacterium carotovorum</i> subsp. <i>brasiliense</i> 1692. <i>European Journal of Plant Pathology</i> , 2018, 152, 525-530. | 0.8 | 2 |
| 1952 | <i>N</i> -hydroxy-pipecolic acid is a mobile metabolite that induces systemic disease resistance in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4920-E4929. | 3.3 | 187 |
| 1953 | <i>Arabidopsis</i> VQ10 interacts with WRKY8 to modulate basal defense against <i>Botrytis cinerea</i> . <i>Journal of Integrative Plant Biology</i> , 2018, 60, 956-969. | 4.1 | 40 |
| 1954 | Type VI glandular trichome density and their derived volatiles are differently induced by jasmonic acid in developing and fully developed tomato leaves: Implications for thrips resistance. <i>Plant Science</i> , 2018, 276, 87-98. | 1.7 | 48 |
| 1955 | Compounds Released by the Biocontrol Yeast <i>Hanseniaspora opuntiae</i> Protect Plants Against <i>Corynespora cassiicola</i> and <i>Botrytis cinerea</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 1596. | 1.5 | 26 |
| 1956 | The cloak, dagger, and shield: proteases in plantâ€™pathogen interactions. <i>Biochemical Journal</i> , 2018, 475, 2491-2509. | 1.7 | 49 |
| 1957 | Comparative transcriptome analysis of the interaction between <i>Actinidia chinensis</i> var. <i>chinensis</i> and <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> in absence and presence of acibenzolar-S-methyl. <i>BMC Genomics</i> , 2018, 19, 585. | 1.2 | 33 |
| 1958 | Impacts of Carbon Dots on Rice Plants: Boosting the Growth and Improving the Disease Resistance. <i>ACS Applied Bio Materials</i> , 2018, 1, 663-672. | 2.3 | 143 |
| 1959 | <i>Fusarium graminearum</i> ATP-Binding Cassette Transporter Gene <i>FgABCC9</i> Is Required for Its Transportation of Salicylic Acid, Fungicide Resistance, Mycelial Growth and Pathogenicity towards Wheat. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2351. | 1.8 | 20 |
| 1960 | Comparative RNA-Seq analysis reveals a critical role for brassinosteroids in rose (<i>Rosa hybrida</i>) petal defense against <i>Botrytis cinerea</i> infection. <i>BMC Genetics</i> , 2018, 19, 62. | 2.7 | 61 |
| 1961 | High-Throughput Screening of Chemical Compound Libraries for Modulators of Salicylic Acid Signaling by In Situ Monitoring of Glucuronidase-Based Reporter Gene Expression. <i>Methods in Molecular Biology</i> , 2018, 1795, 49-63. | 0.4 | 1 |
| 1962 | Sorbitol Modulates Resistance to <i>Alternaria alternata</i> by Regulating the Expression of an <i>NLR</i> Resistance Gene in Apple. <i>Plant Cell</i> , 2018, 30, 1562-1581. | 3.1 | 97 |
| 1963 | A Polysaccharide Derived from a <i>Trichosporon</i> sp. Culture Strongly Primes Plant Resistance to Viruses. <i>Molecular Plant-Microbe Interactions</i> , 2018, 31, 1257-1270. | 1.4 | 11 |
| 1964 | What proteomic analysis of the apoplast tells us about plantâ€™pathogen interactions. <i>Plant Pathology</i> , 2018, 67, 1647-1668. | 1.2 | 19 |
| 1965 | Active photosynthetic inhibition mediated by MPK3/MPK6 is critical to effector-triggered immunity. <i>PLoS Biology</i> , 2018, 16, e2004122. | 2.6 | 161 |
| 1966 | Transcriptome profiling of pumpkin (<i>Cucurbita moschata</i> Duch.) leaves infected with powdery mildew. <i>PLoS ONE</i> , 2018, 13, e0190175. | 1.1 | 51 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1967 | Genome-wide identification and role of MKK and MPK gene families in clubroot resistance of Brassica rapa. PLoS ONE, 2018, 13, e0191015. | 1.1 | 11 |
| 1968 | Antioxidant genes of plants and fungal pathogens are distinctly regulated during disease development in different Rhizoctonia solani pathosystems. PLoS ONE, 2018, 13, e0192682. | 1.1 | 38 |
| 1969 | Differential Responses of Plants to Biotic Stress and the Role of Metabolites. , 2018, , 69-87. | | 13 |
| 1970 | A virus plays a role in partially suppressing plant defenses induced by the viruliferous vectors. Scientific Reports, 2018, 8, 9027. | 1.6 | 7 |
| 1971 | Friend or foe? The role of leaf-inhabiting fungal pathogens and endophytes in tree-insect interactions. Fungal Ecology, 2019, 38, 104-112. | 0.7 | 25 |
| 1972 | Genes involved in nonhost disease resistance as a key to engineer durable resistance in crops. Plant Science, 2019, 279, 108-116. | 1.7 | 52 |
| 1973 | Red-rot infection in sugarcane attenuates the attractiveness of sugarcane borer-induced plant volatiles to parasitoid. Arthropod-Plant Interactions, 2019, 13, 117-125. | 0.5 | 21 |
| 1974 | GmBTB/POZ, a novel BTB/POZ domain-containing nuclear protein, positively regulates the response of soybean to <i>Phytophthora sojae</i> infection. Molecular Plant Pathology, 2019, 20, 78-91. | 2.0 | 33 |
| 1975 | Canonical and noncanonical ethylene signaling pathways that regulate Arabidopsis susceptibility to the cyst nematode Heterodera schachtii. New Phytologist, 2019, 221, 946-959. | 3.5 | 23 |
| 1976 | Metabolic profiling of wheat rachis node infection by <i>Fusarium graminearum</i> "decoding deoxynivalenol-dependent susceptibility. New Phytologist, 2019, 221, 459-469. | 3.5 | 52 |
| 1977 | A review of the molecular mechanisms of hyperglycemia-induced free radical generation leading to oxidative stress. Journal of Cellular Physiology, 2019, 234, 1300-1312. | 2.0 | 156 |
| 1978 | STAYGREEN, STAY HEALTHY: a loss-of-susceptibility mutation in the <i>STAYGREEN</i> gene provides durable, broad-spectrum disease resistances for over 50 years of US cucumber production. New Phytologist, 2019, 221, 415-430. | 3.5 | 72 |
| 1979 | Nicotiana benthamiana exportin 1 is required for elicitor-induced phytoalexin production, cell death induction, and resistance against potato late blight pathogen Phytophthora infestans. Journal of General Plant Pathology, 2019, 85, 347-355. | 0.6 | 5 |
| 1980 | <i>PMR5</i> , an acetylation protein at the intersection of pectin biosynthesis and defense against fungal pathogens. Plant Journal, 2019, 100, 1022-1035. | 2.8 | 34 |
| 1981 | Expression and functional analysis of a PR-1 Gene, <i>MuPR1</i> , involved in disease resistance response in mulberry (<i>Morus multicaulis</i>). Journal of Plant Interactions, 2019, 14, 376-385. | 1.0 | 16 |
| 1982 | Identification of the phytosulfokine receptor 1 (OsPSKR1) confers resistance to bacterial leaf streak in rice. Planta, 2019, 250, 1603-1612. | 1.6 | 28 |
| 1983 | OsHLH61-OsbHLH96 influences rice defense to brown planthopper through regulating the pathogen-related genes. Rice, 2019, 12, 9. | 1.7 | 23 |
| 1984 | Grapevine comparative early transcriptomic profiling suggests that Flavescence dorée phytoplasma represses plant responses induced by vector feeding in susceptible varieties. BMC Genomics, 2019, 20, 526. | 1.2 | 22 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1985 | An Evolutionarily Ancient Immune System Governs the Interactions between <i>Pseudomonas syringae</i> and an Early-Diverging Land Plant Lineage. <i>Current Biology</i> , 2019, 29, 2270-2281.e4. | 1.8 | 50 |
| 1986 | Molecular regulation of pepper innate immunity and stress tolerance: An overview of WRKY TFs. <i>Microbial Pathogenesis</i> , 2019, 135, 103610. | 1.3 | 28 |
| 1987 | An ERF2-like transcription factor regulates production of the defense sesquiterpene capsidiol upon <i>Alternaria alternata</i> infection. <i>Journal of Experimental Botany</i> , 2019, 70, 5895-5908. | 2.4 | 47 |
| 1989 | Multifaceted involvement of abscisic acid in plant interactions with pathogenic and mutualistic microbes. <i>Advances in Botanical Research</i> , 2019, , 219-253. | 0.5 | 3 |
| 1990 | A wheat chromosome 5AL region confers seedling resistance to both tan spot and <i>Septoria nodorum</i> blotch in two mapping populations. <i>Crop Journal</i> , 2019, 7, 809-818. | 2.3 | 23 |
| 1991 | Comparison of the Molecular Responses of Tolerant, Susceptible and Highly Susceptible Grapevine Cultivars During Interaction With the Pathogenic Fungus <i>Eutypa lata</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 991. | 1.7 | 16 |
| 1992 | Modulation of defence and iron homeostasis genes in rice roots by the diazotrophic endophyte <i>Herbaspirillum seropedicae</i> . <i>Scientific Reports</i> , 2019, 9, 10573. | 1.6 | 33 |
| 1993 | Melatonin enhances cotton immunity to <i>Verticillium</i> wilt via manipulating lignin and gossypol biosynthesis. <i>Plant Journal</i> , 2019, 100, 784-800. | 2.8 | 107 |
| 1994 | Role of calreticulin in biotic and abiotic stress signalling and tolerance mechanisms in plants. <i>Gene</i> , 2019, 714, 144004. | 1.0 | 33 |
| 1995 | Comparative transcriptome analysis of cabbage (<i>Brassica oleracea</i> var. <i>capitata</i>) infected by <i>Plasmiodiophora brassicae</i> reveals drastic defense response at secondary infection stage. <i>Plant and Soil</i> , 2019, 443, 167-183. | 1.8 | 21 |
| 1996 | T-DNA activation tagging in rice results in a variable response to <i>Meloidogyne graminicola</i> infection. <i>Biologia (Poland)</i> , 2019, 74, 1197-1217. | 0.8 | 4 |
| 1997 | The AtHSP17.4C1 Gene Expression Is Mediated by Diverse Signals that Link Biotic and Abiotic Stress Factors with ROS and Can Be a Useful Molecular Marker for Oxidative Stress. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3201. | 1.8 | 26 |
| 1998 | Manipulation of Phytohormone Pathways by Effectors of Filamentous Plant Pathogens. <i>Frontiers in Plant Science</i> , 2019, 10, 822. | 1.7 | 135 |
| 1999 | Evaluation of Disease Severity and Global Transcriptome Response Induced by Citrus bark cracking viroid, Hop latent viroid, and Their Co-Infection in Hop (<i>Humulus lupulus</i> L.). <i>International Journal of Molecular Sciences</i> , 2019, 20, 3154. | 1.8 | 30 |
| 2000 | Novel Cell Death-Inducing Elicitors from <i>Phytophthora palmivora</i> Promote Infection on <i>Hevea brasiliensis</i> . <i>Phytopathology</i> , 2019, 109, 1769-1778. | 1.1 | 7 |
| 2001 | Dealing With Stress: A Review of Plant SUMO Proteases. <i>Frontiers in Plant Science</i> , 2019, 10, 1122. | 1.7 | 71 |
| 2002 | Application of virus-induced gene silencing for identification of FHB resistant genes. <i>Journal of Integrative Agriculture</i> , 2019, 18, 2183-2192. | 1.7 | 6 |
| 2003 | Gene Expression Profiling Reveals Enhanced Defense Responses in an Invasive Weed Compared to Its Native Congener during Pathogenesis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4916. | 1.8 | 5 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2004 | Recent Advances in Mechanisms of Plant Defense to <i>Sclerotinia sclerotiorum</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 1314. | 1.7 | 73 |
| 2005 | <i>Arabidopsis</i> Flowers Unlocked the Mechanism of Jasmonate Signaling. <i>Plants</i> , 2019, 8, 285. | 1.6 | 26 |
| 2006 | Double-sided battle: The role of ethylene during <i>Monilinia</i> spp. infection in peach at different phenological stages. <i>Plant Physiology and Biochemistry</i> , 2019, 144, 324-333. | 2.8 | 14 |
| 2007 | ShORR-1, a Novel Tomato Gene, Confers Enhanced Host Resistance to <i>Oidium neolycopersici</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 1400. | 1.7 | 10 |
| 2009 | Diffusible signal factor (DSF)-mediated quorum sensing modulates expression of diverse traits in <i>Xanthomonas citri</i> and responses of citrus plants to promote disease. <i>BMC Genomics</i> , 2019, 20, 55. | 1.2 | 35 |
| 2010 | Characterization, expression profiling, and functional analysis of a <i>Populus trichocarpa</i> defensin gene and its potential as an anti- <i>Agrobacterium</i> rooting medium additive. <i>Scientific Reports</i> , 2019, 9, 15359. | 1.6 | 9 |
| 2011 | PAMP-INDUCED SECRETED PEPTIDE 3 (PIP3) modulates immunity in <i>Arabidopsis thaliana</i> . <i>Journal of Experimental Botany</i> , 2020, 71, 850-864. | 2.4 | 27 |
| 2012 | Plant response to jasmonates: current developments and their role in changing environment. <i>Bulletin of the National Research Centre</i> , 2019, 43, . | 0.7 | 82 |
| 2013 | Strengthening Grapevine Resistance by <i>Pseudomonas fluorescens</i> PTA-CT2 Relies on Distinct Defense Pathways in Susceptible and Partially Resistant Genotypes to Downy Mildew and Gray Mold Diseases. <i>Frontiers in Plant Science</i> , 2019, 10, 1112. | 1.7 | 43 |
| 2014 | Anti-plant Defense Response Strategies Mediated by the Secondary Symbiont <i>Hamiltonella defensa</i> in the Wheat Aphid <i>Sitobion miscanthi</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 2419. | 1.5 | 15 |
| 2015 | Interactions between abscisic acid and other hormones. <i>Advances in Botanical Research</i> , 2019, 92, 255-280. | 0.5 | 9 |
| 2016 | Genomics of Plant Disease Resistance in Legumes. <i>Frontiers in Plant Science</i> , 2019, 10, 1345. | 1.7 | 27 |
| 2017 | Vitamin C in Plants: From Functions to Biofortification. <i>Antioxidants</i> , 2019, 8, 519. | 2.2 | 146 |
| 2018 | Acibenzolar- <i>S</i> -Methyl Restricts Infection of <i>Nicotiana benthamiana</i> by <i>Plantago Asiatica</i> Mosaic Virus at Two Distinct Stages. <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 1475-1486. | 1.4 | 17 |
| 2019 | RNA Sequencing Reveals That Both Abiotic and Biotic Stress-Responsive Genes are Induced during Expression of Steroidal Glycoalkaloid in Potato Tuber Subjected to Light Exposure. <i>Genes</i> , 2019, 10, 920. | 1.0 | 8 |
| 2020 | Autophagy Regulation of Innate Immunity. <i>Advances in Experimental Medicine and Biology</i> , 2019, , . | 0.8 | 3 |
| 2021 | Grape (<i>Vitis vinifera</i>) VvDOF3 functions as a transcription activator and enhances powdery mildew resistance. <i>Plant Physiology and Biochemistry</i> , 2019, 143, 183-189. | 2.8 | 36 |
| 2022 | <i>Arabidopsis thaliana</i> Plants Engineered To Produce Astaxanthin Show Enhanced Oxidative Stress Tolerance and Bacterial Pathogen Resistance. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 12590-12598. | 2.4 | 5 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2023 | QTL Mapping and Transcriptome Analysis to Identify Differentially Expressed Genes Induced by Septoria Tritici Blotch Disease of Wheat. <i>Agronomy</i> , 2019, 9, 510. | 1.3 | 23 |
| 2024 | Infection scene investigation of shot holes: Incomplete but neutral abscission of brown spots on oriental cherry leaves. <i>Forest Pathology</i> , 2019, 49, e12552. | 0.5 | 4 |
| 2025 | Comparative analysis reveals changes in transcriptomes of sugarcane upon infection by <i>Leifsonia xyli</i> subsp. <i>xyli</i> . <i>Journal of Phytopathology</i> , 2019, 167, 633-644. | 0.5 | 7 |
| 2026 | Comprehensive analysis of multiprotein bridging factor 1 family genes and SIMBF1c negatively regulate the resistance to <i>Botrytis cinerea</i> in tomato. <i>BMC Plant Biology</i> , 2019, 19, 437. | 1.6 | 20 |
| 2027 | Transcriptomic perspective on extracellular ATP signaling: a few curious trifles. <i>Plant Signaling and Behavior</i> , 2019, 14, 1659079. | 1.2 | 11 |
| 2028 | Multiple quantitative trait loci contribute to resistance to bacterial canker incited by <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> in kiwifruit (<i>Actinidia chinensis</i>). <i>Horticulture Research</i> , 2019, 6, 101. | 2.9 | 24 |
| 2029 | Dual RNA-Seq Analysis of the Pine- <i>Fusarium circinatum</i> Interaction in Resistant (<i>Pinus tecunumanii</i>) and Susceptible (<i>Pinus patula</i>) Hosts. <i>Microorganisms</i> , 2019, 7, 315. | 1.6 | 18 |
| 2030 | A transcriptome analysis uncovers <i>Panax notoginseng</i> resistance to <i>Fusarium solani</i> induced by methyl jasmonate. <i>Genes and Genomics</i> , 2019, 41, 1383-1396. | 0.5 | 36 |
| 2031 | Functional Characterization of Resistance to Powdery Mildew of VvTIFY9 from <i>Vitis vinifera</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 4286. | 1.8 | 9 |
| 2032 | Surviving in a Hostile World: Plant Strategies to Resist Pests and Diseases. <i>Annual Review of Phytopathology</i> , 2019, 57, 505-529. | 3.5 | 123 |
| 2033 | Biochemical Characterization of the <i>Fusarium graminearum</i> Candidate ACC-Deaminases and Virulence Testing of Knockout Mutant Strains. <i>Frontiers in Plant Science</i> , 2019, 10, 1072. | 1.7 | 9 |
| 2034 | Functional characterization of WRKY46 in grape and its putative role in the interaction between grape and phylloxera (<i>Daktulosphaira vitifoliae</i>). <i>Horticulture Research</i> , 2019, 6, 102. | 2.9 | 14 |
| 2035 | Rosette core fungal resistance in <i>Arabidopsis thaliana</i> . <i>Planta</i> , 2019, 250, 1941-1953. | 1.6 | 2 |
| 2036 | Bioactive Molecules in Plant Defense. , 2019, , . | | 9 |
| 2037 | Gene networks underlying the early regulation of <i>Paraburkholderia phytofirmans</i> PsJN induced systemic resistance in <i>Arabidopsis</i> . <i>PLoS ONE</i> , 2019, 14, e0221358. | 1.1 | 34 |
| 2038 | Molecular Characterization of the Transcription Factors in Susceptible Poplar Infected with Virulent <i>Melampsora larici-populina</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 4806. | 1.8 | 5 |
| 2039 | Two novel methyl esterases from <i>Olea europaea</i> contribute to the catabolism of oleoside-type secoiridoid esters. <i>Planta</i> , 2019, 250, 2083-2097. | 1.6 | 18 |
| 2040 | Detection of putative pathogenicity and virulence genes of <i>Erysiphe pisi</i> using genome-wide in-silico search and their suppression by er2 mediated resistance in garden pea. <i>Microbial Pathogenesis</i> , 2019, 136, 103680. | 1.3 | 5 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2041 | Molecular Basis of Soybean Resistance to Soybean Aphids and Soybean Cyst Nematodes. <i>Plants</i> , 2019, 8, 374. | 1.6 | 12 |
| 2042 | Genome-Wide Analysis Reveals the Role of Mediator Complex in the Soybean-Phytophthora sojae Interaction. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4570. | 1.8 | 6 |
| 2043 | Smut infection of perennial hosts: the genome and the transcriptome of the Brassicaceae smut fungus <i>Thecaphora thlaspeos</i> reveal functionally conserved and novel effectors. <i>New Phytologist</i> , 2019, 222, 1474-1492. | 3.5 | 11 |
| 2044 | Induction of resistance to diseases in plant by aerial ultrasound irradiation. <i>Journal of Pesticide Sciences</i> , 2019, 44, 41-47. | 0.8 | 4 |
| 2045 | Jasmonic acid and nitric oxide protects naranjilla (<i>Solanum quitoense</i>) against infection by <i>Fusarium oxysporum</i> f. sp. <i>quitoense</i> by eliciting plant defense responses. <i>Physiological and Molecular Plant Pathology</i> , 2019, 106, 129-136. | 1.3 | 24 |
| 2046 | Resistance against <i>Sclerotinia sclerotiorum</i> in soybean involves a reprogramming of the phenylpropanoid pathway and up-regulation of antifungal activity targeting ergosterol biosynthesis. <i>Plant Biotechnology Journal</i> , 2019, 17, 1567-1581. | 4.1 | 91 |
| 2047 | Screening <i>Vitis</i> Genotypes for Responses to <i>Botrytis cinerea</i> and Evaluation of Antioxidant Enzymes, Reactive Oxygen Species and Jasmonic Acid in Resistant and Susceptible Hosts. <i>Molecules</i> , 2019, 24, 5. | 1.7 | 16 |
| 2048 | Molecular Detection of Resistance to Biotic Stress Conditions in Spring Bread Wheat Cultivars. <i>Springer Earth System Sciences</i> , 2019, , 305-324. | 0.1 | 1 |
| 2049 | A comprehensive analysis of the <i>Lactuca sativa</i> , L. transcriptome during different stages of the compatible interaction with <i>Rhizoctonia solani</i> . <i>Scientific Reports</i> , 2019, 9, 7221. | 1.6 | 11 |
| 2050 | <i>Piriformospora indica</i> -primed transcriptional reprogramming induces defense response against early blight in tomato. <i>Scientia Horticulturae</i> , 2019, 255, 209-219. | 1.7 | 24 |
| 2051 | Systems Biology of Plant-Microbiome Interactions. <i>Molecular Plant</i> , 2019, 12, 804-821. | 3.9 | 299 |
| 2052 | Ethylene Perception Is Associated with Methyl-Jasmonate-Mediated Immune Response against <i>Botrytis cinerea</i> in Tomato Fruit. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 6725-6735. | 2.4 | 24 |
| 2053 | Endophytic <i>Pseudomonas fluorescens</i> induced sesquiterpenoid accumulation mediated by gibberellic acid and jasmonic acid in <i>Atractylodes macrocephala</i> Koidz plantlets. <i>Plant Cell, Tissue and Organ Culture</i> , 2019, 138, 445-457. | 1.2 | 20 |
| 2054 | Transcriptome Profile Analysis of Twisted Leaf Disease Response in Susceptible Sugarcane with <i>Narenga porphyrocoma</i> Genetic Background. <i>Tropical Plant Biology</i> , 2019, 12, 293-303. | 1.0 | 3 |
| 2055 | Plant Host-Associated Mechanisms for Microbial Selection. <i>Frontiers in Plant Science</i> , 2019, 10, 862. | 1.7 | 139 |
| 2056 | Complex molecular mechanisms underlying MYMIV-resistance in <i>Vigna mungo</i> revealed by comparative transcriptome profiling. <i>Scientific Reports</i> , 2019, 9, 8858. | 1.6 | 25 |
| 2057 | MdUGT88F1-Mediated Phloridzin Biosynthesis Regulates Apple Development and <i>Valsa</i> Canker Resistance. <i>Plant Physiology</i> , 2019, 180, 2290-2305. | 2.3 | 82 |
| 2058 | Characterization of genes required for both Rpg1 and rpg4-mediated wheat stem rust resistance in barley. <i>BMC Genomics</i> , 2019, 20, 495. | 1.2 | 10 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2059 | Comparative transcriptome analysis reveals defense responses against soft rot in Chinese cabbage. Horticulture Research, 2019, 6, 68. | 2.9 | 34 |
| 2060 | ROS accumulation and associated cell death mediates susceptibility to <i>Alternaria brassicae</i> in <i>Arabidopsis</i> accessions. Physiological and Molecular Plant Pathology, 2019, 107, 51-59. | 1.3 | 16 |
| 2061 | Overexpression of the peanut CLAVATA1-like leucine-rich repeat receptor-like kinase AhRLK1 confers increased resistance to bacterial wilt in tobacco. Journal of Experimental Botany, 2019, 70, 5407-5421. | 2.4 | 25 |
| 2062 | Deep Sequencing Reveals Early Reprogramming of <i>Arabidopsis</i> Root Transcriptomes Upon <i>Ralstonia solanacearum</i> Infection. Molecular Plant-Microbe Interactions, 2019, 32, 813-827. | 1.4 | 24 |
| 2063 | A Comparative Transcriptomic and Proteomic Analysis of Hexaploid Wheat's Responses to Colonization by <i>Bacillus velezensis</i> and <i>Gaeumannomyces graminis</i> , Both Separately and Combined. Molecular Plant-Microbe Interactions, 2019, 32, 1336-1347. | 1.4 | 22 |
| 2064 | Spatiotemporal changes in fungal growth and host responses of six yellow rust resistant near-isogenic lines of wheat. Plant Pathology, 2019, 68, 1320-1330. | 1.2 | 7 |
| 2065 | Induction of ethylene inhibits development of soybean sudden death syndrome by inducing defense-related genes and reducing <i>Fusarium virguliforme</i> growth. PLoS ONE, 2019, 14, e0215653. | 1.1 | 16 |
| 2066 | Plasma activated water as resistance inducer against bacterial leaf spot of tomato. PLoS ONE, 2019, 14, e0217788. | 1.1 | 34 |
| 2067 | Filling the Gap: Functional Clustering of ABC Proteins for the Investigation of Hormonal Transport in planta. Frontiers in Plant Science, 2019, 10, 422. | 1.7 | 29 |
| 2068 | LUX ARRHYTHMO mediates crosstalk between the circadian clock and defense in <i>Arabidopsis</i> . Nature Communications, 2019, 10, 2543. | 5.8 | 47 |
| 2069 | Fall Armyworm (FAW; Lepidoptera: Noctuidae): Moth Oviposition and Crop Protection. , 2019, , 93-116. | | 1 |
| 2070 | RSI1/FLD is a positive regulator for defense against necrotrophic pathogens. Physiological and Molecular Plant Pathology, 2019, 107, 40-45. | 1.3 | 15 |
| 2071 | Involvement of Salicylic Acid in Anthracnose Infection in Tea Plants Revealed by Transcriptome Profiling. International Journal of Molecular Sciences, 2019, 20, 2439. | 1.8 | 29 |
| 2072 | Comparative transcriptome profiling of the response to <i>Pyrenochaeta lycopersici</i> in resistant tomato cultivar Mogeor and its background genotype's susceptible Moneymaker. Functional and Integrative Genomics, 2019, 19, 811-826. | 1.4 | 12 |
| 2073 | BvZr3 and BvHs1pro-1 Genes Pyramiding Enhanced Beet Cyst Nematode (<i>Heterodera schachtii</i> Schm.) Resistance in Oilseed Rape (<i>Brassica napus</i> L.). International Journal of Molecular Sciences, 2019, 20, 1740. | 1.8 | 22 |
| 2074 | Improving plant-resistance to insect-pests and pathogens: The new opportunities through targeted genome editing. Seminars in Cell and Developmental Biology, 2019, 96, 65-76. | 2.3 | 59 |
| 2075 | Plant Hormones in Phytoplasma Infected Plants. Frontiers in Plant Science, 2019, 10, 477. | 1.7 | 51 |
| 2076 | De novo assembly and discovery of genes involved in the response of <i>Solanum sisymbriifolium</i> to <i>Verticillium dahlia</i> . Physiology and Molecular Biology of Plants, 2019, 25, 1009-1027. | 1.4 | 12 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2077 | Hormonal regulations in soluble and cell-wall bound phenolic accumulation in two cultivars of <i>Brassica napus</i> contrasting susceptibility to <i>Xanthomonas campestris</i> pv. <i>campestris</i> . <i>Plant Science</i> , 2019, 285, 132-140. | 1.7 | 22 |
| 2078 | Molecular Basis of Disease Resistance in Banana Progenitor <i>Musa balbisiana</i> against <i>Xanthomonas campestris</i> pv. <i>musacearum</i> . <i>Scientific Reports</i> , 2019, 9, 7007. | 1.6 | 24 |
| 2079 | Transcriptional and hormonal profiling of <i>Fusarium graminearum</i> -infected wheat reveals an association between auxin and susceptibility. <i>Physiological and Molecular Plant Pathology</i> , 2019, 107, 33-39. | 1.3 | 29 |
| 2080 | Dual Mode of Action of Grape Cane Extracts against <i>Botrytis cinerea</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 5512-5520. | 2.4 | 23 |
| 2081 | Signal peptide peptidase activity connects the unfolded protein response to plant defense suppression by <i>Ustilago maydis</i> . <i>PLoS Pathogens</i> , 2019, 15, e1007734. | 2.1 | 25 |
| 2082 | Spermine Is a Potent Plant Defense Activator Against Gray Mold Disease on <i>Solanum lycopersicum</i> , <i>Phaseolus vulgaris</i> , and <i>Arabidopsis thaliana</i> . <i>Phytopathology</i> , 2019, 109, 1367-1377. | 1.1 | 19 |
| 2083 | The protein elicitor Hrip1 enhances resistance to insects and early bolting and flowering in <i>Arabidopsis thaliana</i> . <i>PLoS ONE</i> , 2019, 14, e0216082. | 1.1 | 7 |
| 2084 | Nodulation Induces Systemic Resistance of <i>Medicago truncatula</i> and <i>Pisum sativum</i> Against <i>Erysiphe pisi</i> and Primes for Powdery Mildew-Triggered Salicylic Acid Accumulation. <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 1243-1255. | 1.4 | 25 |
| 2085 | The Protective Effect of <i>Trichoderma asperellum</i> on Tomato Plants against <i>Fusarium oxysporum</i> and <i>Botrytis cinerea</i> Diseases Involves Inhibition of Reactive Oxygen Species Production. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2007. | 1.8 | 49 |
| 2086 | Plant Epigenetic Mechanisms in Response to Biotic Stress. , 2019, , 65-113. | | 8 |
| 2087 | Driving factors of epiphytic bacterial communities: A review. <i>Journal of Advanced Research</i> , 2019, 19, 57-65. | 4.4 | 129 |
| 2088 | The <i>er2</i> gene resistance against powdery mildew infection is associated with enhanced antioxidative protection and defense gene expression. <i>Physiological and Molecular Plant Pathology</i> , 2019, 106, 253-262. | 1.3 | 8 |
| 2089 | Metabolic and physiological changes induced by plant growth regulators and plant growth promoting rhizobacteria and their impact on drought tolerance in <i>Cicer arietinum</i> L.. <i>PLoS ONE</i> , 2019, 14, e0213040. | 1.1 | 82 |
| 2090 | Effect of atmospheric CO ₂ on plant defense against leaf and root pathogens of <i>Arabidopsis</i> . <i>European Journal of Plant Pathology</i> , 2019, 154, 31-42. | 0.8 | 31 |
| 2091 | Sweet Immunity: Inulin Boosts Resistance of Lettuce (<i>Lactuca sativa</i>) against Grey Mold (<i>Botrytis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 1.8 | 54 |
| 2092 | Tomato SISAP3<i>, </i> a member of the stress-associated protein family, is a positive regulator of immunity against <i>Pseudomonas syringae</i> pv. <i>tomato</i> DC3000. <i>Molecular Plant Pathology</i> , 2019, 20, 815-830. | 2.0 | 35 |
| 2093 | Weapons hidden underneath: bio-control agents and their potentials to activate plant induced systemic resistance in controlling crop <i>Fusarium</i> diseases. <i>Journal of Plant Diseases and Protection</i> , 2019, 126, 177-190. | 1.6 | 29 |
| 2094 | Fruit ripening: the role of hormones, cell wall modifications, and their relationship with pathogens. <i>Journal of Experimental Botany</i> , 2019, 70, 2993-3006. | 2.4 | 112 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2095 | The transcription factor MYB15 is essential for basal immunity (PTI) in Chinese wild grape. <i>Planta</i> , 2019, 249, 1889-1902. | 1.6 | 13 |
| 2096 | The study of hormonal metabolism of Trincadeira and Syrah cultivars indicates new roles of salicylic acid, jasmonates, ABA and IAA during grape ripening and upon infection with <i>Botrytis cinerea</i> . <i>Plant Science</i> , 2019, 283, 266-277. | 1.7 | 49 |
| 2097 | NPR1 and Redox Rhythmx: Connections, between Circadian Clock and Plant Immunity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1211. | 1.8 | 15 |
| 2098 | The Arabidopsis altered in stress response2 is Impaired in Resistance to Root and Leaf Necrotrophic Fungal Pathogens. <i>Plants</i> , 2019, 8, 60. | 1.6 | 1 |
| 2099 | Pathophysiological responses of pine defensive metabolites largely lack differences between pine species but vary with eliciting ophiostomatoid fungal species. <i>Tree Physiology</i> , 2019, 39, 1121-1135. | 1.4 | 15 |
| 2100 | High-throughput quantitative analysis of phytohormones in sorghum leaf and root tissue by ultra-performance liquid chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 4839-4848. | 1.9 | 26 |
| 2101 | Induction of PR-10 genes and metabolites in strawberry plants in response to <i>Verticillium dahliae</i> infection. <i>BMC Plant Biology</i> , 2019, 19, 128. | 1.6 | 20 |
| 2102 | Transcriptome Analysis of <i>Rlm2</i> -Mediated Host Immunity in the <i>Brassica napus</i> <i>Leptosphaeria maculans</i> Pathosystem. <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 1001-1012. | 1.4 | 20 |
| 2103 | Response of Selected Kenyan Rice Cultivars to Infection by Root Knot Nematode (<i>Meloidogyne</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 42 | 0.7 | 1 |
| 2104 | The plant immune system in heterogeneous environments. <i>Current Opinion in Plant Biology</i> , 2019, 50, 58-66. | 3.5 | 44 |
| 2105 | Comparative proteomics combined with analyses of transgenic plants reveal <i>Zm</i> REM1.3 mediates maize resistance to southern corn rust. <i>Plant Biotechnology Journal</i> , 2019, 17, 2153-2168. | 4.1 | 46 |
| 2106 | Selection of Salicylic Acid Tolerant Epilines in <i>Brassica napus</i> . <i>Agronomy</i> , 2019, 9, 92. | 1.3 | 2 |
| 2107 | Stress Responsive Signaling Molecules and Genes Under Stressful Environments in Plants. , 2019, , 19-42. | | 5 |
| 2108 | <i>Alternaria brassicicola</i> <i>Brassicaceae</i> pathosystem: insights into the infection process and resistance mechanisms under optimized artificial bio-assay. <i>European Journal of Plant Pathology</i> , 2019, 153, 131-151. | 0.8 | 34 |
| 2109 | Ethylene Response Factor ERF11 Activates <i>BT4</i> Transcription to Regulate Immunity to <i>Pseudomonas syringae</i> . <i>Plant Physiology</i> , 2019, 180, 1132-1151. | 2.3 | 53 |
| 2110 | Stress associated protein from <i>Lobularia maritima</i> : Heterologous expression, antioxidant and antimicrobial activities with its preservative effect against <i>Listeria monocytogenes</i> inoculated in beef meat. <i>International Journal of Biological Macromolecules</i> , 2019, 132, 888-896. | 3.6 | 8 |
| 2111 | Transcriptional response of grapevine to infection with the fungal pathogen <i>Lasiodiplodia theobromae</i> . <i>Scientific Reports</i> , 2019, 9, 5387. | 1.6 | 15 |
| 2112 | Assessment of the Efficacy and Mode of Action of Benzo(1,2,3)-Thiadiazole-7-Carbothioic Acid S-Methyl Ester (BTH) and Its Derivatives in Plant Protection Against Viral Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1598. | 1.8 | 23 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2113 | Antagonistic selection and pleiotropy constrain the evolution of plant chemical defenses. <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 947-960. | 1.1 | 19 |
| 2114 | Pine defenses against the pitch canker disease are modulated by a native insect newly associated with the invasive fungus. <i>Forest Ecology and Management</i> , 2019, 437, 253-262. | 1.4 | 10 |
| 2115 | Limber pine (<i>Pinus flexilis</i> James) genetic map constructed by exome-seq provides insight into the evolution of disease resistance and a genomic resource for genomics-based breeding. <i>Plant Journal</i> , 2019, 98, 745-758. | 2.8 | 33 |
| 2116 | Infection Strategies Deployed by <i>Botrytis cinerea</i> , <i>Fusarium acuminatum</i> , and <i>Rhizopus stolonifer</i> as a Function of Tomato Fruit Ripening Stage. <i>Frontiers in Plant Science</i> , 2019, 10, 223. | 1.7 | 58 |
| 2117 | Signaling Crosstalk between Salicylic Acid and Ethylene/Jasmonate in Plant Defense: Do We Understand What They Are Whispering?. <i>International Journal of Molecular Sciences</i> , 2019, 20, 671. | 1.8 | 312 |
| 2118 | Honeydew-associated microbes elicit defense responses against brown planthopper in rice. <i>Journal of Experimental Botany</i> , 2019, 70, 1683-1696. | 2.4 | 52 |
| 2119 | GmDAD1, a Conserved Defender Against Cell Death 1 (DAD1) From Soybean, Positively Regulates Plant Resistance Against <i>Phytophthora</i> Pathogens. <i>Frontiers in Plant Science</i> , 2019, 10, 107. | 1.7 | 16 |
| 2120 | NAC transcription factors in plant immunity. <i>Phytopathology Research</i> , 2019, 1, . | 0.9 | 121 |
| 2121 | The NONEXPRESSOR OF PATHOGENESIS-RELATED GENES 1 (NPR1) and Related Family: Mechanistic Insights in Plant Disease Resistance. <i>Frontiers in Plant Science</i> , 2019, 10, 102. | 1.7 | 209 |
| 2122 | Discovery of Relevant Response in Infected Potato Plants from Time Series of Gene Expression Data. <i>Machine Learning and Knowledge Extraction</i> , 2019, 1, 400-413. | 3.2 | 0 |
| 2123 | Sucrose transporters of resistant grapevine are involved in stress resistance. <i>Plant Molecular Biology</i> , 2019, 100, 111-132. | 2.0 | 13 |
| 2124 | BnaMPK3 Is a Key Regulator of Defense Responses to the Devastating Plant Pathogen <i>Sclerotinia sclerotiorum</i> in Oilseed Rape. <i>Frontiers in Plant Science</i> , 2019, 10, 91. | 1.7 | 33 |
| 2125 | Expression of pathogenesis-related proteins in transplastomic tobacco plants confers resistance to filamentous pathogens under field trials. <i>Scientific Reports</i> , 2019, 9, 2791. | 1.6 | 53 |
| 2126 | Comparative transcriptome analysis of resistant and susceptible kiwifruits in response to <i>Pseudomonas syringae</i> pv. <i>Actinidiae</i> during early infection. <i>PLoS ONE</i> , 2019, 14, e0211913. | 1.1 | 35 |
| 2127 | Transcriptome Arofile of <i>Brassica rapa</i> L. Reveals the Involvement of Jasmonic Acid, Ethylene, and Brassinosteroid Signaling Pathways in Clubroot Resistance. <i>Agronomy</i> , 2019, 9, 589. | 1.3 | 19 |
| 2128 | A novel <i>Arabidopsis</i> pathosystem reveals cooperation of multiple hormonal response-pathways in host resistance against the global crop destroyer <i>Macrophomina phaseolina</i> . <i>Scientific Reports</i> , 2019, 9, 20083. | 1.6 | 14 |
| 2129 | Effects of <i>Bactericera cockerelli</i> Herbivory on Volatile Emissions of Three Varieties of <i>Solanum lycopersicum</i> . <i>Plants</i> , 2019, 8, 509. | 1.6 | 6 |
| 2130 | Transcriptome-wide association study identifies putative elicitors/suppressor of <i>Puccinia graminis</i> f. sp. <i>tritici</i> that modulate barley rpg4-mediated stem rust resistance. <i>BMC Genomics</i> , 2019, 20, 985. | 1.2 | 6 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2131 | Zinc thiazole enhances defense enzyme activities and increases pathogen resistance to <i>Ralstonia solanacearum</i> in peanut (<i>Arachis hypogaea</i>) under salt stress. <i>PLoS ONE</i> , 2019, 14, e0226951. | 1.1 | 9 |
| 2132 | Canopy Light Quality Modulates Stress Responses in Plants. <i>IScience</i> , 2019, 22, 441-452. | 1.9 | 45 |
| 2133 | Genome-Wide Identification and Analysis of the NPR1-Like Gene Family in Bread Wheat and Its Relatives. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5974. | 1.8 | 15 |
| 2134 | Bio-control agents activate plant immune response and prime susceptible tomato against root-knot nematodes. <i>PLoS ONE</i> , 2019, 14, e0213230. | 1.1 | 57 |
| 2135 | A Novel <i>Candidatus Liberibacter asiaticus</i> TM -Encoded Sec-Dependent Secretory Protein Suppresses Programmed Cell Death in <i>Nicotiana benthamiana</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 5802. | 1.8 | 21 |
| 2136 | Dual Mode of the Saponin Aescin in Plant Protection: Antifungal Agent and Plant Defense Elicitor. <i>Frontiers in Plant Science</i> , 2019, 10, 1448. | 1.7 | 31 |
| 2137 | Salicylic Acid Mutant Collection as a Tool to Explore the Role of Salicylic Acid in Regulation of Plant Growth under a Changing Environment. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6365. | 1.8 | 19 |
| 2138 | Flax rust infection transcriptomics reveals a transcriptional profile that may be indicative for rust <i>Avr</i> genes. <i>PLoS ONE</i> , 2019, 14, e0226106. | 1.1 | 14 |
| 2139 | Wheat straw increases the defense response and resistance of watermelon monoculture to <i>Fusarium</i> wilt. <i>BMC Plant Biology</i> , 2019, 19, 551. | 1.6 | 15 |
| 2140 | The transcriptome analysis of the <i>Arabidopsis thaliana</i> in response to the <i>Vibrio vulnificus</i> by RNA-sequencing. <i>PLoS ONE</i> , 2019, 14, e0225976. | 1.1 | 5 |
| 2141 | Fungal-Induced Formation of Auxin Maxima in <i>Arabidopsis thaliana</i> Roots. <i>Russian Journal of Plant Physiology</i> , 2019, 66, 872-883. | 0.5 | 0 |
| 2142 | Nitric oxide- induced <i>AtAO3</i> differentially regulates plant defense and drought tolerance in <i>Arabidopsis thaliana</i> . <i>BMC Plant Biology</i> , 2019, 19, 602. | 1.6 | 35 |
| 2143 | Fungal resistance mediated by maize wall-associated kinase <i>ZmWAK</i> correlates with reduced benzoxazinoid content. <i>New Phytologist</i> , 2019, 221, 976-987. | 3.5 | 71 |
| 2144 | Design of a bacterial speck resistant tomato by <i>CRISPR/Cas9</i> -mediated editing of <i>SlJAZ2</i> . <i>Plant Biotechnology Journal</i> , 2019, 17, 665-673. | 4.1 | 215 |
| 2145 | Comparative transcriptome analysis shows the defense response networks regulated by miR482b. <i>Plant Cell Reports</i> , 2019, 38, 1-13. | 2.8 | 16 |
| 2146 | Evaluation of Î»-Carrageenan, CpG-ODN, Glycine Betaine, <i>Spirulina platensis</i> , and Ergosterol as Elicitors for Control of <i>Zymoseptoria tritici</i> in Wheat. <i>Phytopathology</i> , 2019, 109, 409-417. | 1.1 | 23 |
| 2147 | <i>RPW8</i> promoter is involved in pathogen- and stress-inducible expression from <i>Vitis pseudoreticulata</i> . <i>Journal of Phytopathology</i> , 2019, 167, 65-74. | 0.5 | 3 |
| 2148 | Characterisation of barley resistance to <i>rhynchosporium</i> on chromosome 6HS. <i>Theoretical and Applied Genetics</i> , 2019, 132, 1089-1107. | 1.8 | 13 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2149 | The rice ethylene response factor OsERF83 positively regulates disease resistance to <i>Magnaporthe oryzae</i> . <i>Plant Physiology and Biochemistry</i> , 2019, 135, 263-271. | 2.8 | 58 |
| 2150 | Genotype-specific suppression of multiple defense pathways in apple root during infection by <i>Pythium ultimum</i> . <i>Horticulture Research</i> , 2019, 6, 10. | 2.9 | 30 |
| 2151 | Tomato Stress-Associated Protein 4 Contributes Positively to Immunity Against Necrotrophic Fungus <i>Botrytis cinerea</i> . <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 566-582. | 1.4 | 20 |
| 2152 | Regulation of GDSL Lipase Gene Expression by the MPK3/MPK6 Cascade and Its Downstream WRKY Transcription Factors in <i>Arabidopsis</i> Immunity. <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 673-684. | 1.4 | 23 |
| 2153 | Responses of <i>Spodoptera frugiperda</i> and <i>Trichogramma pretiosum</i> to Rice Plants Exposed to Herbivory and Phytohormones. <i>Neotropical Entomology</i> , 2019, 48, 381-390. | 0.5 | 5 |
| 2154 | Mining the natural genetic variation in <i>Arabidopsis thaliana</i> for adaptation to sequential abiotic and biotic stresses. <i>Planta</i> , 2019, 249, 1087-1105. | 1.6 | 26 |
| 2155 | Phytoparasitic Nematode Control of Plant Hormone Pathways. <i>Plant Physiology</i> , 2019, 179, 1212-1226. | 2.3 | 94 |
| 2156 | Expression polymorphism at the <i>ARPC4</i> locus links the actin cytoskeleton with quantitative disease resistance to <i>Sclerotinia sclerotiorum</i> in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2019, 222, 480-496. | 3.5 | 30 |
| 2157 | Immune responses in Brazilian banana determining the pathogenic differences between the physiological races 1 and 4 of <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> . <i>Journal of Plant Pathology</i> , 2019, 101, 225-234. | 0.6 | 3 |
| 2158 | Differential responses of molecular mechanisms and physiochemical characters in wild and cultivated soybeans against invasion by the pathogenic <i>Fusarium oxysporum</i> Schldl. <i>Physiologia Plantarum</i> , 2019, 166, 1008-1025. | 2.6 | 14 |
| 2159 | GunA of <i>Sinorhizobium (Ensifer) fredii</i> HH103 is a T3SS-secreted cellulase that differentially affects symbiosis with cowpea and soybean. <i>Plant and Soil</i> , 2019, 435, 15-26. | 1.8 | 14 |
| 2160 | Jasmonic acid and ethylene are involved in the accumulation of osmotin in germinating tomato seeds. <i>Journal of Plant Physiology</i> , 2019, 232, 74-81. | 1.6 | 13 |
| 2161 | Benzothiadiazole and nitrogen source modify the nitrogen metabolism in cucumber infected with <i>Pseudomonas syringae</i> pv. <i>lachrymans</i> . <i>Scientia Horticulturae</i> , 2019, 246, 289-297. | 1.7 | 2 |
| 2162 | Necrotrophic Exploitation and Subversion of Plant Defense: A Lifestyle or Just a Phase, and Implications in Breeding Resistance. <i>Phytopathology</i> , 2019, 109, 332-346. | 1.1 | 35 |
| 2163 | Extracellular ATP Shapes a Defense-Related Transcriptome Both Independently and along with Other Defense Signaling Pathways. <i>Plant Physiology</i> , 2019, 179, 1144-1158. | 2.3 | 99 |
| 2164 | Enhanced biocontrol of tomato bacterial wilt using the combined application of <i>Mitsuraria</i> sp. TWR114 and nonpathogenic <i>Ralstonia</i> sp. TCR112. <i>Journal of General Plant Pathology</i> , 2019, 85, 142-154. | 0.6 | 15 |
| 2165 | A patatin-like protein synergistically regulated by jasmonate and ethylene signaling pathways plays a negative role in <i>Nicotiana attenuata</i> resistance to <i>Alternaria alternata</i> . <i>Plant Diversity</i> , 2019, 41, 7-12. | 1.8 | 17 |
| 2166 | Post-translational modifications in effectors and plant proteins involved in host-pathogen conflicts. <i>Plant Pathology</i> , 2019, 68, 628-644. | 1.2 | 10 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2167 | Innovative Approaches and Applications for Sustainable Rural Development. Springer Earth System Sciences, 2019, , . | 0.1 | 3 |
| 2168 | Comparative transcriptomic analysis reveals gene expression changes during early stages of <i>Plasmiodiophora brassicae</i> infection in cabbage (<i>Brassica oleracea</i> var. <i>capitata</i> L.). Canadian Journal of Plant Pathology, 2019, 41, 188-199. | 0.8 | 17 |
| 2169 | Interactions of Tomato and <i>Botrytis cinerea</i> Genetic Diversity: Parsing the Contributions of Host Differentiation, Domestication, and Pathogen Variation. Plant Cell, 2019, 31, 502-519. | 3.1 | 49 |
| 2170 | <i>BIG</i> regulates stomatal immunity and jasmonate production in Arabidopsis. New Phytologist, 2019, 222, 335-348. | 3.5 | 24 |
| 2171 | Jasmonic acid modulates <i>Meloidogyne incognita</i> tomato plant interactions. Nematology, 2019, 21, 171-180. | 0.2 | 1 |
| 2172 | Molecular cloning and functional analysis of a necrosis and ethylene inducing protein (NEP) from <i>Ganoderma boninense</i> . Physiological and Molecular Plant Pathology, 2019, 106, 42-48. | 1.3 | 13 |
| 2173 | Chemical Activation of the Ethylene Signaling Pathway Promotes <i>Fusarium graminearum</i> Resistance in Detached Wheat Heads. Phytopathology, 2019, 109, 796-803. | 1.1 | 32 |
| 2174 | Wounding-Induced Stomatal Closure Requires Jasmonate-Mediated Activation of GORK K ⁺ Channels by a Ca ²⁺ Sensor-Kinase CBL1-CIPK5 Complex. Developmental Cell, 2019, 48, 87-99.e6. | 3.1 | 74 |
| 2175 | Ultraviolet priming of strawberry leaves against subsequent <i>Mycosphaerella fragariae</i> infection involves the action of reactive oxygen species, plant hormones, and terpenes. Plant, Cell and Environment, 2019, 42, 815-831. | 2.8 | 145 |
| 2176 | Methyl Jasmonate Changes the Composition and Distribution Rather than the Concentration of Defence Compounds: a Study on Pyrrolizidine Alkaloids. Journal of Chemical Ecology, 2019, 45, 136-145. | 0.9 | 5 |
| 2177 | Long-Lasting Primed State in Maize Plants: Salicylic Acid and Steroid Signaling Pathways as Key Players in the Early Activation of Immune Responses in Silks. Molecular Plant-Microbe Interactions, 2019, 32, 95-106. | 1.4 | 29 |
| 2178 | New salicylic acid and pyroglutamic acid conjugated derivatives confer protection to bread wheat against <i>Zymoseptoria tritici</i> . Journal of the Science of Food and Agriculture, 2019, 99, 1780-1786. | 1.7 | 9 |
| 2179 | Signal Function Studies of ROS, Especially RBOH-Dependent ROS, in Plant Growth, Development and Environmental Stress. Journal of Plant Growth Regulation, 2020, 39, 157-171. | 2.8 | 77 |
| 2180 | Sphingolipids: towards an integrated view of metabolism during the plant stress response. New Phytologist, 2020, 225, 659-670. | 3.5 | 81 |
| 2181 | Overexpression of <i>FBR41</i> enhances resistance to sphinganine analog mycotoxin-induced cell death and <i>Alternaria</i> stem canker in tomato. Plant Biotechnology Journal, 2020, 18, 141-154. | 4.1 | 17 |
| 2182 | Signaling pathway played by salicylic acid, gentisic acid, nitric oxide, polyamines and non-enzymatic antioxidants in compatible and incompatible <i>Solanum</i> -tomato mottle mosaic virus interactions. Plant Science, 2020, 290, 110274. | 1.7 | 17 |
| 2183 | Effects of exogenous salicylic acid on the resistance response of wild soybean plants (<i>Glycine</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 84-93. | 0.8 | 4 |
| 2184 | Identification of salicylic acid-independent responses in an Arabidopsis phosphatidylinositol 4-kinase beta double mutant. Annals of Botany, 2020, 125, 775-784. | 1.4 | 15 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2185 | Deciphering the involvement of glutathione in phytohormone signaling pathways to mitigate stress in planta. <i>Nucleus (India)</i> , 2020, 63, 25-33. | 0.9 | 3 |
| 2186 | Using the CODIT model to explain secondary metabolites of xylem in defence systems of temperate trees against decay fungi. <i>Annals of Botany</i> , 2020, 125, 701-720. | 1.4 | 50 |
| 2187 | <i>Trichoderma asperellum</i> biocontrol activity and induction of systemic defenses against <i>Sclerotium cepivorum</i> in onion plants under tropical climate conditions. <i>Biological Control</i> , 2020, 141, 104145. | 1.4 | 54 |
| 2188 | Combined of salicylic acid and <i>Pseudomonas fluorescens</i> CHA0 on the expression of PR1 gene and control of <i>Meloidogyne javanica</i> in tomato. <i>Biological Control</i> , 2020, 141, 104134. | 1.4 | 19 |
| 2189 | Chromatin dynamics during interphase and cell division: similarities and differences between model and crop plants. <i>Journal of Experimental Botany</i> , 2020, 71, 5205-5222. | 2.4 | 32 |
| 2190 | Expression patterns of octoploid strawberry TGA genes reveal a potential role in response to <i>Podosphaera aphanis</i> infection. <i>Plant Biotechnology Reports</i> , 2020, 14, 55-67. | 0.9 | 13 |
| 2191 | Disease Severity Linked to Increase in Autoantibody Diversity in IgG4-Related Disease. <i>Arthritis and Rheumatology</i> , 2020, 72, 687-693. | 2.9 | 38 |
| 2192 | Isolation of Natural Fungal Pathogens from <i>Marchantia polymorpha</i> Reveals Antagonism between Salicylic Acid and Jasmonate during Liverwort-Fungus Interactions. <i>Plant and Cell Physiology</i> , 2020, 61, 265-275. | 1.5 | 33 |
| 2193 | The transcriptome of <i>Pinus pinaster</i> under <i>Fusarium circinatum</i> challenge. <i>BMC Genomics</i> , 2020, 21, 28. | 1.2 | 19 |
| 2194 | Spatial transcriptional response of plants induced by compatible pathogens and its potential use in biosensor plants. , 2020, , 137-149. | | 0 |
| 2195 | Salicylic acid induced by herbivore feeding antagonizes jasmonic acid mediated plant defenses against insect attack. <i>Plant Signaling and Behavior</i> , 2020, 15, 1704517. | 1.2 | 22 |
| 2197 | A combined transcriptional, biochemical and histopathological study unravels the complexity of <i>Alternaria</i> resistance and susceptibility in <i>Brassica coenospecies</i> . <i>Fungal Biology</i> , 2020, 124, 44-53. | 1.1 | 8 |
| 2198 | ZmMYC2 exhibits diverse functions and enhances JA signaling in transgenic <i>Arabidopsis</i> . <i>Plant Cell Reports</i> , 2020, 39, 273-288. | 2.8 | 23 |
| 2199 | First Expressed TFome of Physic Nut (<i>Jatropha curcas</i> L.) After Salt Stimulus. <i>Plant Molecular Biology Reporter</i> , 2020, 38, 189-208. | 1.0 | 10 |
| 2200 | Transcriptomic responses in resistant and susceptible maize infected with <i>Fusarium graminearum</i> . <i>Crop Journal</i> , 2020, 8, 153-163. | 2.3 | 14 |
| 2201 | Differential Expression of Rice Valine-Glutamine Gene Family in Response to Nitric Oxide and Regulatory Circuit of OsVQ7 and OsWRKY24. <i>Rice Science</i> , 2020, 27, 10-20. | 1.7 | 6 |
| 2202 | An ectomycorrhizal fungus alters sensitivity to jasmonate, salicylate, gibberellin, and ethylene in host roots. <i>Plant, Cell and Environment</i> , 2020, 43, 1047-1068. | 2.8 | 30 |
| 2203 | Antagonism between SA- and JA-signaling conditioned by saccharin in <i>Arabidopsis thaliana</i> renders resistance to a specific pathogen. <i>Journal of General Plant Pathology</i> , 2020, 86, 86-99. | 0.6 | 7 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2204 | The plant activator saccharin induces resistance to wheat powdery mildew by activating multiple defense-related genes. <i>Journal of General Plant Pathology</i> , 2020, 86, 107-113. | 0.6 | 8 |
| 2205 | Understanding sheath blight resistance in rice: the road behind and the road ahead. <i>Plant Biotechnology Journal</i> , 2020, 18, 895-915. | 4.1 | 146 |
| 2206 | CATION-CHLORIDE CO-TRANSPORTER 1 (CCC1) Mediates Plant Resistance against <i>Pseudomonas syringae</i> . <i>Plant Physiology</i> , 2020, 182, 1052-1065. | 2.3 | 7 |
| 2207 | Genome-Wide Analysis of the Apple (<i>Malus domestica</i>) Cysteine-Rich Receptor-Like Kinase (CRK) Family: Annotation, Genomic Organization, and Expression Profiles in Response to Fungal Infection. <i>Plant Molecular Biology Reporter</i> , 2020, 38, 14-24. | 1.0 | 20 |
| 2208 | Apple ethylene response factor MdERF11 confers resistance to fungal pathogen <i>Botryosphaeria dothidea</i> . <i>Plant Science</i> , 2020, 291, 110351. | 1.7 | 40 |
| 2209 | <i>Botrydial</i> confers <i>Botrytis cinerea</i> the ability to antagonize soil and phyllospheric bacteria. <i>Fungal Biology</i> , 2020, 124, 54-64. | 1.1 | 9 |
| 2210 | Site-dependent induction of jasmonic acid-associated chemical defenses against western flower thrips in <i>Chrysanthemum</i> . <i>Planta</i> , 2020, 251, 8. | 1.6 | 13 |
| 2211 | Anti-insect activity of a partially purified protein derived from the entomopathogenic fungus <i>Lecanicillium lecanii</i> (Zimmermann) and its putative role in a tomato defense mechanism against green peach aphid. <i>Journal of Invertebrate Pathology</i> , 2020, 170, 107282. | 1.5 | 12 |
| 2212 | Maturation of resting spores of <i>Plasmodiophora brassicae</i> continues after host cell death. <i>Plant Pathology</i> , 2020, 69, 310-319. | 1.2 | 4 |
| 2213 | Host Specificity and Differential Pathogenicity of <i>Pectobacterium</i> Strains from Dicot and Monocot Hosts. <i>Microorganisms</i> , 2020, 8, 1479. | 1.6 | 10 |
| 2214 | Differential responses of genes and enzymes associated with ROS protective responses in the sugarcane smut fungus. <i>Fungal Biology</i> , 2020, 124, 1039-1051. | 1.1 | 8 |
| 2215 | <i>Vitis vinifera</i> (grapevine) lncRNAs are potential regulators of response to necrotrophic fungus, <i>Botrytis cinerea</i> infection. <i>Physiological and Molecular Plant Pathology</i> , 2020, 112, 101553. | 1.3 | 7 |
| 2216 | Identification of <i>Fusarium solani</i> f. sp. <i>pisii</i> (Fsp) Responsive Genes in <i>Pisum sativum</i> . <i>Frontiers in Genetics</i> , 2020, 11, 950. | 1.1 | 9 |
| 2217 | Jasmonic Acid at the Crossroads of Plant Immunity and <i>Pseudomonas syringae</i> Virulence. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7482. | 1.8 | 30 |
| 2218 | Digging for Stress-Responsive Cell Wall Proteins for Developing Stress-Resistant Maize. <i>Frontiers in Plant Science</i> , 2020, 11, 576385. | 1.7 | 6 |
| 2219 | The PIFs Redundantly Control Plant Defense Response against <i>Botrytis cinerea</i> in <i>Arabidopsis</i> . <i>Plants</i> , 2020, 9, 1246. | 1.6 | 16 |
| 2220 | Physiological and biochemical studies of black gram (<i>Vigna mungo</i> (L.) Hepper) under polyethylene glycol induced drought stress. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 29, 101777. | 1.5 | 9 |
| 2221 | Modes of Action of Microbial Biocontrol in the Phyllosphere. <i>Frontiers in Microbiology</i> , 2020, 11, 1619. | 1.5 | 101 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2222 | A Diketopiperazine, Cyclo-(L-Pro-L-Ile), Derived From <i>Bacillus thuringiensis</i> JCK-1233 Controls Pine Wilt Disease by Elicitation of Moderate Hypersensitive Reaction. <i>Frontiers in Plant Science</i> , 2020, 11, 1023. | 1.7 | 12 |
| 2223 | The Effect of Ethylene on the Color Change and Resistance to <i>Botrytis cinerea</i> Infection in "Kyoho"™ Grape Fruits. <i>Foods</i> , 2020, 9, 892. | 1.9 | 24 |
| 2224 | Hydrogen peroxide generated by over-expression of cytosolic superoxide dismutase in transgenic plums enhances bacterial canker resistance and modulates plant defence responses. <i>Molecular Biology Reports</i> , 2020, 47, 5889-5901. | 1.0 | 3 |
| 2225 | Screening soybean cyst nematode effectors for their ability to suppress plant immunity. <i>Molecular Plant Pathology</i> , 2020, 21, 1240-1247. | 2.0 | 24 |
| 2226 | Ethylene biosynthesis and response factors are differentially modulated during the interaction of peach petals with <i>Monilinia laxa</i> or <i>Monilinia fructicola</i> . <i>Plant Science</i> , 2020, 299, 110599. | 1.7 | 5 |
| 2227 | Potential effects of a high CO ₂ future on leguminous species. <i>Plant-Environment Interactions</i> , 2020, 1, 67-94. | 0.7 | 7 |
| 2228 | ABA-Dependent Salt Stress Tolerance Attenuates <i>Botrytis</i> Immunity in <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 594827. | 1.7 | 11 |
| 2229 | <i>Bacillus velezensis</i> CLA178-Induced Systemic Resistance of <i>Rosa multiflora</i> Against Crown Gall Disease. <i>Frontiers in Microbiology</i> , 2020, 11, 587667. | 1.5 | 30 |
| 2230 | It takes two to tango " molecular links between plant immunity and brassinosteroid signalling. <i>Journal of Cell Science</i> , 2020, 133, . | 1.2 | 22 |
| 2231 | Functional analysis of rubber tree receptor-like cytoplasmic kinase HbBIK1 in plant root development and immune response. <i>Tree Genetics and Genomes</i> , 2020, 16, 1. | 0.6 | 1 |
| 2232 | Chorismate mutase and isochorismatase, two potential effectors of the migratory nematode <i>Hirschmanniella oryzae</i> , increase host susceptibility by manipulating secondary metabolite content of rice. <i>Molecular Plant Pathology</i> , 2020, 21, 1634-1646. | 2.0 | 12 |
| 2233 | Understanding Biotic Stress and Hormone Signalling in Cassava (<i>Manihot esculenta</i>): Potential for Using Hyphenated Analytical Techniques. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8152. | 1.3 | 3 |
| 2234 | Directing Trophic Divergence in Plant-Pathogen Interactions: Antagonistic Phytohormones With NO Doubt?. <i>Frontiers in Plant Science</i> , 2020, 11, 600063. | 1.7 | 19 |
| 2236 | Diversity in susceptibility reactions of winter wheat genotypes to obligate pathogens under fluctuating climatic conditions. <i>Scientific Reports</i> , 2020, 10, 19608. | 1.6 | 10 |
| 2237 | Resistance analysis of cherry rootstock "CDR-1"™ (<i>Prunus mahaleb</i>) to crown gall disease. <i>BMC Plant Biology</i> , 2020, 20, 516. | 1.6 | 7 |
| 2238 | Differences in immunity between pathogen-resistant and -susceptible yam cultivars reveal insights into disease prevention underlying ethylene supplementation. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2021, 30, 254. | 0.9 | 2 |
| 2239 | An ecological framework for understanding the roles of <i>Epichloa</i> endophytes on plant defenses against fungal diseases. <i>Fungal Biology Reviews</i> , 2020, 34, 115-125. | 1.9 | 31 |
| 2240 | Trichoderma genes for improving plant resistance to the pathogens. , 2020, , 157-170. | | 1 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2241 | Endophytic Fungi Activated Similar Defense Strategies of <i>Achnatherum sibiricum</i> Host to Different Trophic Types of Pathogens. <i>Frontiers in Microbiology</i> , 2020, 11, 1607. | 1.5 | 17 |
| 2242 | Juvenile Spider Mites Induce Salicylate Defenses, but Not Jasmonate Defenses, Unlike Adults. <i>Frontiers in Plant Science</i> , 2020, 11, 980. | 1.7 | 5 |
| 2243 | Modern Maize Hybrids Have Lost Volatile Bottom-Up and Top-Down Control of <i>Dalbulus maidis</i> , a Specialist Herbivore. <i>Journal of Chemical Ecology</i> , 2020, 46, 906-915. | 0.9 | 13 |
| 2244 | Infection of canola by the root pathogen <i>Plasmodiophora brassicae</i> increases resistance to aboveground herbivory by bertha armyworm, <i>Mamestra configurata</i> Walker (Lepidoptera: Noctuidae). <i>Plant Science</i> , 2020, 300, 110625. | 1.7 | 6 |
| 2245 | Iron homeostasis and plant immune responses: Recent insights and translational implications. <i>Journal of Biological Chemistry</i> , 2020, 295, 13444-13457. | 1.6 | 62 |
| 2246 | A review on South Asian wheat blast: The present status and future perspective. <i>Plant Pathology</i> , 2020, 69, 1618-1629. | 1.2 | 12 |
| 2247 | Transcriptomic analysis of Dubas bug (<i>Ommatissus lybicus</i> Bergevin) infestation to Date Palm. <i>Scientific Reports</i> , 2020, 10, 11505. | 1.6 | 5 |
| 2248 | Two Clubroot-Resistance Genes, <i>Rcr3</i> and <i>Rcr9wa</i> , Mapped in <i>Brassica rapa</i> Using Bulk Segregant RNA Sequencing. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5033. | 1.8 | 32 |
| 2249 | Spider Mites Cause More Damage to Tomato in the Dark When Induced Defenses Are Lower. <i>Journal of Chemical Ecology</i> , 2020, 46, 631-641. | 0.9 | 5 |
| 2250 | Association of <i>Alternaria brassicicola</i> induced NAC transcription factors with desiccation and wound responses in Indian mustard. <i>Physiological and Molecular Plant Pathology</i> , 2020, 112, 101540. | 1.3 | 8 |
| 2251 | Association Mapping and Development of Marker-Assisted Selection Tools for the Resistance to White Pine Blister Rust in the Alberta Limber Pine Populations. <i>Frontiers in Plant Science</i> , 2020, 11, 557672. | 1.7 | 5 |
| 2252 | The timing and asymmetry of plant-pathogen-insect interactions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201303. | 1.2 | 17 |
| 2253 | New insights into the evolution of the SBP-box family and expression analysis of genes in the growth and development of <i>Brassica juncea</i> . <i>Biotechnology and Biotechnological Equipment</i> , 2020, 34, 810-824. | 0.5 | 4 |
| 2254 | Different effects of phytohormones on <i>Fusarium</i> head blight and <i>Fusarium</i> root rot resistance in <i>Brachypodium distachyon</i> . <i>Journal of Plant Interactions</i> , 2020, 15, 335-344. | 1.0 | 4 |
| 2255 | Roles of ethylene, jasmonic acid, and salicylic acid and their interactions in frankincense resin production in <i>Boswellia sacra</i> Flueck. trees. <i>Scientific Reports</i> , 2020, 10, 16760. | 1.6 | 11 |
| 2256 | Purinoreceptor P2K1/DORN1 Enhances Plant Resistance Against a Soilborne Fungal Pathogen, <i>Rhizoctonia solani</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 572920. | 1.7 | 20 |
| 2257 | Overexpression of <i>JcWRKY2</i> confers increased resistance towards <i>Macrophomina phaseolina</i> in transgenic tobacco. <i>3 Biotech</i> , 2020, 10, 490. | 1.1 | 8 |
| 2258 | Airborne fungus-induced biosynthesis of anthocyanins in <i>Arabidopsis thaliana</i> via jasmonic acid and salicylic acid signaling. <i>Plant Science</i> , 2020, 300, 110635. | 1.7 | 16 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2259 | Genome-Wide Association Analysis of Common Scab Resistance and Expression Profiling of Tubers in Response to Thaxtomin A Treatment Underscore the Complexity of Common Scab Resistance in Tetraploid Potato. <i>American Journal of Potato Research</i> , 2020, 97, 513-522. | 0.5 | 12 |
| 2260 | Structural specificity in plant–filamentous pathogen interactions. <i>Molecular Plant Pathology</i> , 2020, 21, 1513-1525. | 2.0 | 15 |
| 2261 | BdWRKY38 is required for the incompatible interaction of <i>Brachypodium distachyon</i> with the necrotrophic fungus <i>Rhizoctonia solani</i> . <i>Plant Journal</i> , 2020, 104, 995-1008. | 2.8 | 18 |
| 2262 | Cell death in <i>Ustilago maydis</i> : comparison with other fungi and the effect of metformin and curcumin on its chronological lifespan. <i>FEMS Yeast Research</i> , 2020, 20, . | 1.1 | 3 |
| 2263 | Current Utility of Plant Growth-Promoting Rhizobacteria as Biological Control Agents towards Plant-Parasitic Nematodes. <i>Plants</i> , 2020, 9, 1167. | 1.6 | 27 |
| 2264 | The Role of ABA in Plant Immunity is Mediated through the PYR1 Receptor. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5852. | 1.8 | 35 |
| 2265 | Melatonin Is Involved in Citrus Response to the Pathogen Huanglongbing via Modulation of Phytohormonal Biosynthesis. <i>Plant Physiology</i> , 2020, 184, 2216-2239. | 2.3 | 36 |
| 2266 | Necrotrophic lifestyle of <i>Rhizoctonia solani</i> AG3-PT during interaction with its host plant potato as revealed by transcriptome analysis. <i>Scientific Reports</i> , 2020, 10, 12574. | 1.6 | 21 |
| 2267 | The Regulatory Network of CMPG1-V in Wheat–Blumeria graminis f. sp. tritici Interaction Revealed by Temporal Profiling Using RNA-Seq. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5967. | 1.8 | 6 |
| 2269 | Biological Control of Plant Diseases: Opportunities and Limitations. , 2020, , 121-146. | | 6 |
| 2270 | Sub-Lethal Effects of Partially Purified Protein Extracted from <i>Beauveria bassiana</i> (Balsamo) and Its Presumptive Role in Tomato (<i>Lycopersicon esculentum</i> L.) Defense against Whitefly (<i>Bemisia tabaci</i>) Tj ETQq0 0 0 rgt /Overlock 10 Tf 5 | | |
| 2271 | Facilitative priority effects drive parasite assembly under coinfection. <i>Nature Ecology and Evolution</i> , 2020, 4, 1510-1521. | 3.4 | 41 |
| 2272 | Exogenous application of plant hormones in the field alters aboveground plant–insect responses and belowground nutrient availability, but does not lead to differences in plant–soil feedbacks. <i>Arthropod-Plant Interactions</i> , 2020, 14, 559-570. | 0.5 | 2 |
| 2273 | Myo-inositol mediates reactive oxygen species-induced programmed cell death via salicylic acid-dependent and ethylene-dependent pathways in apple. <i>Horticulture Research</i> , 2020, 7, 138. | 2.9 | 23 |
| 2274 | Structure and dynamics of the plant immune signaling network in plant–bacteria interactions. <i>Journal of General Plant Pathology</i> , 2020, 86, 528-530. | 0.6 | 1 |
| 2275 | The overexpression of OsACBP5 protects transgenic rice against necrotrophic, hemibiotrophic and biotrophic pathogens. <i>Scientific Reports</i> , 2020, 10, 14918. | 1.6 | 20 |
| 2276 | Identification of effector candidate genes of <i>Rhizoctonia solani</i> AG-1 IA expressed during infection in <i>Brachypodium distachyon</i> . <i>Scientific Reports</i> , 2020, 10, 14889. | 1.6 | 5 |
| 2277 | Wheat root transcriptional responses against <i>Gaeumannomyces graminis</i> var. <i>tritici</i> . <i>Phytopathology Research</i> , 2020, 2, . | 0.9 | 6 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2278 | Potential Role of Photosynthesis in the Regulation of Reactive Oxygen Species and Defence Responses to <i>Blumeria graminis</i> f. sp. <i>tritici</i> in Wheat. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5767. | 1.8 | 16 |
| 2280 | Local Responses and Systemic Induced Resistance Mediated by Ectomycorrhizal Fungi. <i>Frontiers in Plant Science</i> , 2020, 11, 590063. | 1.7 | 43 |
| 2281 | Tomato Domestication Attenuated Responsiveness to a Beneficial Soil Microbe for Plant Growth Promotion and Induction of Systemic Resistance to Foliar Pathogens. <i>Frontiers in Microbiology</i> , 2020, 11, 604566. | 1.5 | 20 |
| 2282 | Priming by Timing: <i>Arabidopsis thaliana</i> Adjusts Its Priming Response to Lepidoptera Eggs to the Time of Larval Hatching. <i>Frontiers in Plant Science</i> , 2020, 11, 619589. | 1.7 | 20 |
| 2283 | Prior exposure of <i>Arabidopsis</i> seedlings to mechanical stress heightens jasmonic acid-mediated defense against necrotrophic pathogens. <i>BMC Plant Biology</i> , 2020, 20, 548. | 1.6 | 18 |
| 2284 | SKIP Silencing Decreased Disease Resistance Against <i>Botrytis cinerea</i> and <i>Pseudomonas syringae</i> pv. <i>tomato</i> DC3000 in Tomato. <i>Frontiers in Plant Science</i> , 2020, 11, 593267. | 1.7 | 3 |
| 2285 | Expression of Putative Defense Responses in Cannabis Primed by <i>Pseudomonas</i> and/or <i>Bacillus</i> Strains and Infected by <i>Botrytis cinerea</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 572112. | 1.7 | 19 |
| 2286 | Wild strawberry shows genetic variation in tolerance but not resistance to a generalist herbivore. <i>Ecology and Evolution</i> , 2020, 10, 13022-13029. | 0.8 | 0 |
| 2287 | Methyljasmonate and salicylic acid contribute to the control of <i>Tilletia controversa</i> K ¹ / ₄ hn, causal agent of wheat dwarf bunt. <i>Scientific Reports</i> , 2020, 10, 19175. | 1.6 | 8 |
| 2288 | Transcriptome analysis reveals that exogenous ethylene activates immune and defense responses in a high late blight resistant potato genotype. <i>Scientific Reports</i> , 2020, 10, 21294. | 1.6 | 23 |
| 2289 | Bioeffectors as Biotechnological Tools to Boost Plant Innate Immunity: Signal Transduction Pathways Involved. <i>Plants</i> , 2020, 9, 1731. | 1.6 | 7 |
| 2290 | UV-B Induced Flavonoids Contribute to Reduced Biotrophic Disease Susceptibility in Lettuce Seedlings. <i>Frontiers in Plant Science</i> , 2020, 11, 594681. | 1.7 | 15 |
| 2291 | Epigenetic and Metabolic Changes in Root-Knot Nematode-Plant Interactions. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7759. | 1.8 | 13 |
| 2292 | Transcriptional reprogramming of major defense-signaling pathways during defense priming and sugarcane- <i>Colletotrichum falcatum</i> interaction. <i>Molecular Biology Reports</i> , 2020, 47, 8911-8923. | 1.0 | 5 |
| 2293 | Hormone Signaling and Its Interplay With Development and Defense Responses in <i>Verticillium</i> -Plant Interactions. <i>Frontiers in Plant Science</i> , 2020, 11, 584997. | 1.7 | 27 |
| 2294 | Loss function of SL (sekiguchi lesion) in the rice cultivar Minghui 86 leads to enhanced resistance to (hemi)biotrophic pathogens. <i>BMC Plant Biology</i> , 2020, 20, 507. | 1.6 | 24 |
| 2295 | Genotype-Specific Antioxidant Responses and Assessment of Resistance Against <i>Sclerotinia sclerotiorum</i> Causing Sclerotinia Rot in Indian Mustard. <i>Pathogens</i> , 2020, 9, 892. | 1.2 | 19 |
| 2296 | Complexity of <i>Brassica oleracea</i> – <i>Alternaria brassicicola</i> Susceptible Interaction Reveals Downregulation of Photosynthesis at Ultrastructural, Transcriptional, and Physiological Levels. <i>Cells</i> , 2020, 9, 2329. | 1.8 | 18 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2297 | Protein Profiles of Lipid Droplets during the Hypersensitive Defense Response of Arabidopsis against Pseudomonas Infection. <i>Plant and Cell Physiology</i> , 2020, 61, 1144-1157. | 1.5 | 32 |
| 2298 | Phytophthora nicotianae Infection of Citrus Leaves and Host Defense Activation Compared to Root Infection. <i>Phytopathology</i> , 2020, 110, 1437-1448. | 1.1 | 3 |
| 2299 | Genetic Mapping of a Light-Dependent Lesion Mimic Mutant Reveals the Function of Coproporphyrinogen III Oxidase Homolog in Soybean. <i>Frontiers in Plant Science</i> , 2020, 11, 557. | 1.7 | 12 |
| 2300 | Ethylene is Involved in Symptom Development and Ribosomal Stress of Tomato Plants upon Citrus Exocortis Viroid Infection. <i>Plants</i> , 2020, 9, 582. | 1.6 | 10 |
| 2301 | Bacterial Compound N,N-Dimethylhexadecylamine Modulates Expression of Iron Deficiency and Defense Response Genes in Medicago truncatula Independently of the Jasmonic Acid Pathway. <i>Plants</i> , 2020, 9, 624. | 1.6 | 23 |
| 2302 | Microbes in Helicoverpa armigera oral secretions contribute to increased senescence around plant wounds. <i>Ecological Entomology</i> , 2020, 45, 1224-1229. | 1.1 | 0 |
| 2303 | Transcriptome analysis reveals rapid defence responses in wheat induced by phytotoxic aphid Schizaphis graminum feeding. <i>BMC Genomics</i> , 2020, 21, 339. | 1.2 | 23 |
| 2304 | Pathogen Genetic Control of Transcriptome Variation in the <i>Arabidopsis thaliana</i> Botrytis cinerea Pathosystem. <i>Genetics</i> , 2020, 215, 253-266. | 1.2 | 18 |
| 2305 | Integrative transcriptomics and metabolomics data exploring the effect of chitosan on postharvest grape resistance to Botrytis cinerea. <i>Postharvest Biology and Technology</i> , 2020, 167, 111248. | 2.9 | 46 |
| 2306 | Legumes Protease Inhibitors as Biopesticides and Their Defense Mechanisms against Biotic Factors. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3322. | 1.8 | 27 |
| 2307 | HbWRKY40 plays an important role in the regulation of pathogen resistance in Hevea brasiliensis. <i>Plant Cell Reports</i> , 2020, 39, 1095-1107. | 2.8 | 15 |
| 2308 | Effects of Bacillus Bacteria on Activity of Pathogen-Induced Proteins and Wheat Resistance to Bunt Caused by Tilletia caries (DC.) Tul.. <i>Russian Journal of Plant Physiology</i> , 2020, 67, 564-571. | 0.5 | 2 |
| 2309 | Identification of differential expressed proteins and establishing a defense proteome of sugarcane in response to Colletotrichum falcatum infection. <i>Journal of Plant Pathology</i> , 2020, 102, 685-702. | 0.6 | 8 |
| 2310 | Enhancement and improvement of selenium in soil to the resistance of rape stem against Sclerotinia sclerotiorum and the inhibition of dissolved organic matter derived from rape straw on mycelium. <i>Environmental Pollution</i> , 2020, 265, 114827. | 3.7 | 15 |
| 2311 | Pectin oligosaccharide (POS) induce resistance in Arabidopsis thaliana through salicylic acid-mediated signaling pathway against Pseudomonas syringae pv.tomato DC3000. <i>Physiological and Molecular Plant Pathology</i> , 2020, 110, 101483. | 1.3 | 11 |
| 2312 | The integration of transcriptomic and transgenic analyses reveals the involvement of the SA response pathway in the defense of chrysanthemum against the necrotrophic fungus Alternaria sp.. <i>Horticulture Research</i> , 2020, 7, 80. | 2.9 | 21 |
| 2313 | Coinfection of soybean plants with Phytophthora sojae and soybean cyst nematode does not alter the efficacy of resistance genes. <i>Plant Pathology</i> , 2020, 69, 1437-1444. | 1.2 | 3 |
| 2314 | Arabidopsis UBC22, an E2 able to catalyze lysine-11 specific ubiquitin linkage formation, has multiple functions in plant growth and immunity. <i>Plant Science</i> , 2020, 297, 110520. | 1.7 | 10 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2315 | Impact of climate change and early development of coffee rust " An overview of control strategies to preserve organic cultivars in Mexico. <i>Science of the Total Environment</i> , 2020, 738, 140225. | 3.9 | 30 |
| 2316 | Trichoderma. <i>Rhizosphere Biology</i> , 2020, , . | 0.4 | 12 |
| 2317 | Effects of a changing environment on the defenses of plants to viruses. <i>Current Opinion in Virology</i> , 2020, 42, 40-46. | 2.6 | 9 |
| 2318 | Pathogenesis-related genes responses in barley plants challenged with pathogenic fungi with different lifestyles. <i>Cereal Research Communications</i> , 2020, 48, 341-346. | 0.8 | 4 |
| 2319 | Transcriptome analysis of rice leaves in response to <i>Rhizoctonia solani</i> infection and reveals a novel regulatory mechanism. <i>Plant Biotechnology Reports</i> , 2020, 14, 559-573. | 0.9 | 31 |
| 2320 | The lraR159aLrGAMYB pathway mediates resistance to grey mould infection in <i>Lilium regale</i> . <i>Molecular Plant Pathology</i> , 2020, 21, 749-760. | 2.0 | 24 |
| 2321 | Patterns of Sequence and Expression Diversification Associate Members of the PADRE Gene Family With Response to Fungal Pathogens. <i>Frontiers in Genetics</i> , 2020, 11, 491. | 1.1 | 9 |
| 2322 | The Role of Sugars in the Regulation of the Level of Endogenous Signaling Molecules during Defense Response of Yellow Lupine to <i>Fusarium oxysporum</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 4133. | 1.8 | 28 |
| 2323 | Intact salicylic acid signalling is required for potato defence against the necrotrophic fungus <i>Alternaria solani</i> . <i>Plant Molecular Biology</i> , 2020, 104, 1-19. | 2.0 | 32 |
| 2324 | Systemic resistance inducers from plants "an ecofriendly approach for the management of viral diseases of crops. , 2020, , 603-617. | | 0 |
| 2325 | Genes Involved in Stress Response and Especially in Phytoalexin Biosynthesis Are Upregulated in Four <i>Malus</i> Genotypes in Response to Apple Replant Disease. <i>Frontiers in Plant Science</i> , 2019, 10, 1724. | 1.7 | 27 |
| 2326 | Silicon amendment induces synergistic plant defense mechanism against pink stem borer (<i>Sesamia</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1.6 33 | | |
| 2327 | Tailoring plant-associated microbial inoculants in agriculture: a roadmap for successful application. <i>Journal of Experimental Botany</i> , 2020, 71, 3878-3901. | 2.4 | 118 |
| 2328 | Prehaustorial local resistance to coffee leaf rust in a Mexican cultivar involves expression of salicylic acid-responsive genes. <i>PeerJ</i> , 2020, 8, e8345. | 0.9 | 10 |
| 2329 | Carbonic anhydrases CA1 and CA4 function in atmospheric CO2-modulated disease resistance. <i>Planta</i> , 2020, 251, 75. | 1.6 | 18 |
| 2330 | Ethylene mediates salicylic-acid-induced stomatal closure by controlling reactive oxygen species and nitric oxide production in <i>Arabidopsis</i> . <i>Plant Science</i> , 2020, 294, 110464. | 1.7 | 29 |
| 2331 | Significance of mycorrhizal associations for the performance of N2-fixing Black Locust (<i>Robinia</i>) Tj ETQq0 0 0 rgBT /Overlock 4.2 25 10 Tf 50 10 | | |
| 2332 | Exploiting Broad-Spectrum Disease Resistance in Crops: From Molecular Dissection to Breeding. <i>Annual Review of Plant Biology</i> , 2020, 71, 575-603. | 8.6 | 125 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2333 | Primary Metabolism Is Distinctly Modulated by Plant Resistance Inducers in <i>Coffea arabica</i> Leaves Infected by <i>Hemileia vastatrix</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 309. | 1.7 | 10 |
| 2334 | Genomic Designing of Climate-Smart Fruit Crops. , 2020, , . | | 7 |
| 2335 | Associational resistance to both insect and pathogen damage in mixed forests is modulated by tree neighbour identity and drought. <i>Journal of Ecology</i> , 2020, 108, 1511-1522. | 1.9 | 31 |
| 2336 | Major Latex Protein MdMLP423 Negatively Regulates Defense against Fungal Infections in Apple. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1879. | 1.8 | 25 |
| 2337 | Genotypic Variation in Resistance Gene-Mediated Calcium Signaling and Hormonal Signaling Involved in Effector-Triggered Immunity or Disease Susceptibility in the <i>Xanthomonas campestris</i> pv. <i>Campestris</i> Brassica napus Pathosystem. <i>Plants</i> , 2020, 9, 303. | 1.6 | 14 |
| 2338 | CRb and PbBa8.1 Synergically Increases Resistant Genes Expression upon Infection of <i>Plasmodiophora brassicae</i> in <i>Brassica napus</i> . <i>Genes</i> , 2020, 11, 202. | 1.0 | 15 |
| 2339 | Molecular genetics of leaf rust resistance in wheat and barley. <i>Theoretical and Applied Genetics</i> , 2020, 133, 2035-2050. | 1.8 | 46 |
| 2340 | Genome-wide identification of the NPR1-like gene family in <i>Brassica napus</i> and functional characterization of BnaNPR1 in resistance to <i>Sclerotinia sclerotiorum</i> . <i>Plant Cell Reports</i> , 2020, 39, 709-722. | 2.8 | 15 |
| 2341 | Characterization of the wheat cultivars against <i>Tilletia controversa</i> K ^{1/4} hn, causal agent of wheat dwarf bunt. <i>Scientific Reports</i> , 2020, 10, 9029. | 1.6 | 16 |
| 2342 | Auxin Profiling and <i>GmPIN</i> Expression in <i>Phytophthora sojae</i> Soybean Root Interactions. <i>Phytopathology</i> , 2020, 110, 1988-2002. | 1.1 | 8 |
| 2343 | Fungal-derived extracts induce resistance against <i>Botrytis cinerea</i> in <i>Arabidopsis thaliana</i> . <i>European Journal of Plant Pathology</i> , 2020, 158, 45-58. | 0.8 | 2 |
| 2344 | The Proteomics of Resistance to Halo Blight in Common Bean. <i>Molecular Plant-Microbe Interactions</i> , 2020, 33, 1161-1175. | 1.4 | 12 |
| 2345 | Phaeophyceae (Brown Algal) Extracts Activate Plant Defense Systems in <i>Arabidopsis thaliana</i> Challenged With <i>Phytophthora cinnamomi</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 852. | 1.7 | 30 |
| 2346 | Candidatus <i>Liberibacter asiaticus</i> putative effectors: in silico analysis and gene expression in citrus leaves displaying distinct huanglongbing symptoms. <i>Tropical Plant Pathology</i> , 2020, 45, 646-657. | 0.8 | 1 |
| 2347 | Silicon: its ameliorative effect on plant defense against herbivory. <i>Journal of Experimental Botany</i> , 2020, 71, 6730-6743. | 2.4 | 38 |
| 2348 | Enhancing of anthracnose disease resistance indicates a potential role of antimicrobial peptide genes in cassava. <i>Genetica</i> , 2020, 148, 135-148. | 0.5 | 3 |
| 2349 | Transcriptome analysis of <i>Eucalyptus grandis</i> genotypes reveals constitutive overexpression of genes related to rust (<i>Austropuccinia psidii</i>) resistance. <i>Plant Molecular Biology</i> , 2020, 104, 339-357. | 2.0 | 29 |
| 2350 | <i>Arabidopsis</i> Response Regulator 6 (ARR6) Modulates Plant Cell-Wall Composition and Disease Resistance. <i>Molecular Plant-Microbe Interactions</i> , 2020, 33, 767-780. | 1.4 | 46 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2351 | AAL-toxin induced stress in <i>Arabidopsis thaliana</i> is alleviated through GSH-mediated salicylic acid and ethylene pathways. <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 141, 299-314. | 1.2 | 4 |
| 2352 | Priming mediated stress and cross-stress tolerance in plants: Concepts and opportunities. , 2020, , 1-20. | | 14 |
| 2353 | Ectopic Expression of Grapevine Gene VaRGA1 in <i>Arabidopsis</i> Improves Resistance to Downy Mildew and <i>Pseudomonas syringae</i> pv. tomato DC3000 But Increases Susceptibility to <i>Botrytis cinerea</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 193. | 1.8 | 11 |
| 2354 | “CATASTrophy,” a Genome-Informed Trophic Classification of Filamentous Plant Pathogens “How Many Different Types of Filamentous Plant Pathogens Are There?”. <i>Frontiers in Microbiology</i> , 2019, 10, 3088. | 1.5 | 41 |
| 2355 | GhWRKY70D13 Regulates Resistance to <i>Verticillium dahliae</i> in Cotton Through the Ethylene and Jasmonic Acid Signaling Pathways. <i>Frontiers in Plant Science</i> , 2020, 11, 69. | 1.7 | 35 |
| 2356 | Tomato yellow leaf curl virus (TYLCV)-resistant tomatoes share molecular mechanisms sustaining resistance with their wild progenitor <i>Solanum habrochaites</i> but not with TYLCV-susceptible tomatoes. <i>Plant Science</i> , 2020, 295, 110439. | 1.7 | 13 |
| 2357 | An effector of a necrotrophic fungal pathogen targets the calcium-sensing receptor in chloroplasts to inhibit host resistance. <i>Molecular Plant Pathology</i> , 2020, 21, 686-701. | 2.0 | 55 |
| 2358 | Green leaf volatiles and jasmonic acid enhance susceptibility to anthracnose diseases caused by <i>Colletotrichum graminicola</i> in maize. <i>Molecular Plant Pathology</i> , 2020, 21, 702-715. | 2.0 | 43 |
| 2359 | A strawberry mitogen-activated protein kinase gene, FaMAPK19, is involved in disease resistance against <i>Botrytis cinerea</i> . <i>Scientia Horticulturae</i> , 2020, 265, 109259. | 1.7 | 9 |
| 2360 | Enhanced Resistance to <i>Fusarium graminearum</i> in Transgenic <i>Arabidopsis</i> Plants Expressing a Modified Plant Thionin. <i>Phytopathology</i> , 2020, 110, 1056-1066. | 1.1 | 9 |
| 2361 | Transcript profiling reveals potential regulators for oxidative stress response of a necrotrophic chickpea pathogen <i>Ascochyta rabiei</i> . <i>3 Biotech</i> , 2020, 10, 117. | 1.1 | 13 |
| 2362 | The <i>Arabidopsis</i> SENESCENCE-ASSOCIATED GENE 13 Regulates Dark-Induced Senescence and Plays Contrasting Roles in Defense Against Bacterial and Fungal Pathogens. <i>Molecular Plant-Microbe Interactions</i> , 2020, 33, 754-766. | 1.4 | 26 |
| 2363 | Genome-wide analysis of ethylene-insensitive3 (EIN3/EIL) in <i>Triticum aestivum</i> . <i>Crop Science</i> , 2020, 60, 2019-2037. | 0.8 | 23 |
| 2364 | Differential regulation of jasmonic acid pathways in resistant (Calcutta 4) and susceptible (Williams) banana genotypes during the interaction with <i>Pseudocercospora fijiensis</i> . <i>Plant Pathology</i> , 2020, 69, 872-882. | 1.2 | 7 |
| 2365 | Reynoutria sachalinensis extract elicits SA-dependent defense responses in courgette genotypes against powdery mildew caused by <i>Podosphaera xanthii</i> . <i>Scientific Reports</i> , 2020, 10, 3354. | 1.6 | 25 |
| 2366 | Genomic Designing of Climate-Smart Vegetable Crops. , 2020, , . | | 3 |
| 2367 | The effective antagonistic potential of plant growth-promoting rhizobacteria against <i>Alternaria solani</i> -causing early blight disease in tomato plant. <i>Scientia Horticulturae</i> , 2020, 266, 109289. | 1.7 | 79 |
| 2368 | Pathogen-induced Defense Strategies in Plants. <i>Journal of Crop Science and Biotechnology</i> , 2020, 23, 97-105. | 0.7 | 11 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2369 | Overexpression of Brassica napus NPR1 enhances resistance to Sclerotinia sclerotiorum in oilseed rape. <i>Physiological and Molecular Plant Pathology</i> , 2020, 110, 101460. | 1.3 | 13 |
| 2370 | Conditional gene expression reveals stage-specific functions of the unfolded protein response in the <i>Ustilago maydis</i> maize pathosystem. <i>Molecular Plant Pathology</i> , 2020, 21, 258-271. | 2.0 | 5 |
| 2371 | Hormone profile changes occur in roots and leaves of Micro-Tom tomato plants when exposing the aerial part to low doses of UV-B radiation. <i>Plant Physiology and Biochemistry</i> , 2020, 148, 291-301. | 2.8 | 30 |
| 2372 | <i>Citrus reticulata</i> CrRAP2.2 Transcriptional Factor Shares Similar Functions to the <i>Arabidopsis</i> Homolog and Increases Resistance to <i>Xylella fastidiosa</i>. <i>Molecular Plant-Microbe Interactions</i> , 2020, 33, 519-527. | 1.4 | 2 |
| 2373 | Effects of Light and Daytime on the Regulation of Chitosan-Induced Stomatal Responses and Defence in Tomato Plants. <i>Plants</i> , 2020, 9, 59. | 1.6 | 13 |
| 2374 | Phytohormones regulate convergent and divergent responses between individual and combined drought and pathogen infection. <i>Critical Reviews in Biotechnology</i> , 2020, 40, 320-340. | 5.1 | 38 |
| 2375 | Endophytic <i>Metarhizium robertsii</i> promotes maize growth, suppresses insect growth, and alters plant defense gene expression. <i>Biological Control</i> , 2020, 144, 104167. | 1.4 | 64 |
| 2376 | Dissecting molecular events and gene expression signatures involved in <i>Colletotrichum lindemuthianum</i> - <i>Phaseolus vulgaris</i> pathosystem in compatible and incompatible interactions. <i>European Journal of Plant Pathology</i> , 2020, 156, 925-937. | 0.8 | 6 |
| 2377 | Heterologous expression of Chinese wild grapevine VvERFs in <i>Arabidopsis thaliana</i> enhance resistance to <i>Pseudomonas syringae</i> pv. tomato DC3000 and to <i>Botrytis cinerea</i> . <i>Plant Science</i> , 2020, 293, 110421. | 1.7 | 25 |
| 2378 | VvSWEET7 Is a Mono- and Disaccharide Transporter Up-Regulated in Response to <i>Botrytis cinerea</i> Infection in Grape Berries. <i>Frontiers in Plant Science</i> , 2019, 10, 1753. | 1.7 | 41 |
| 2379 | OsNPR3.3-dependent salicylic acid signaling is involved in recessive gene xa5-mediated immunity to rice bacterial blight. <i>Scientific Reports</i> , 2020, 10, 6313. | 1.6 | 12 |
| 2380 | A systematic analysis of apple root resistance traits to <i>Pythium ultimum</i> infection and the underpinned molecular regulations of defense activation. <i>Horticulture Research</i> , 2020, 7, 62. | 2.9 | 24 |
| 2381 | Evidence for Methylerythritol Pathway (MEP) Contributions to Zerumbone Biosynthesis as Revealed by Expression Analysis of Regulatory Genes and Metabolic Inhibitors Studies. <i>Plant Molecular Biology Reporter</i> , 2020, 38, 370-379. | 1.0 | 6 |
| 2382 | Characterization of plant immunity-activating mechanism by a pyrazole derivative. <i>Bioscience, Biotechnology and Biochemistry</i> , 2020, 84, 1427-1435. | 0.6 | 6 |
| 2383 | Plant Defense Stimulator Mediated Defense Activation Is Affected by Nitrate Fertilization and Developmental Stage in <i>Arabidopsis thaliana</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 583. | 1.7 | 14 |
| 2384 | Histochemical and Microscopic Studies Predict that Grapevine Genotype 'Ju mei gui' is Highly Resistant against <i>Botrytis cinerea</i> . <i>Pathogens</i> , 2020, 9, 253. | 1.2 | 6 |
| 2385 | Genetic Network between Leaf Senescence and Plant Immunity: Crucial Regulatory Nodes and New Insights. <i>Plants</i> , 2020, 9, 495. | 1.6 | 48 |
| 2386 | Plant Innate Immunity Signals and Signaling Systems. <i>Signaling and Communication in Plants</i> , 2020, , . | 0.5 | 2 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2387 | Time-series expression profiling of sugarcane leaves infected with <i>Puccinia kuehnii</i> reveals an ineffective defense system leading to susceptibility. <i>Plant Cell Reports</i> , 2020, 39, 873-889. | 2.8 | 25 |
| 2388 | Phylogenetic analysis of secondary metabolites in a plant community provides evidence for trade-offs between biotic and abiotic stress tolerance. <i>Evolutionary Ecology</i> , 2020, 34, 439-451. | 0.5 | 6 |
| 2389 | Analysis of apoplastic proteins expressed during net form net blotch of barley. <i>Journal of Plant Diseases and Protection</i> , 2020, 127, 683-694. | 1.6 | 8 |
| 2390 | Relative contribution of LOX10, green leaf volatiles and JA to wound-induced local and systemic oxylipin and hormone signature in <i>Zea mays</i> (maize). <i>Phytochemistry</i> , 2020, 174, 112334. | 1.4 | 33 |
| 2391 | A fungal pathogen induces systemic susceptibility and systemic shifts in wheat metabolome and microbiome composition. <i>Nature Communications</i> , 2020, 11, 1910. | 5.8 | 85 |
| 2392 | <i>Camellia</i> Plant Resistance and Susceptibility to Petal Blight Disease Are Defined by the Timing of Defense Responses. <i>Molecular Plant-Microbe Interactions</i> , 2020, 33, 982-995. | 1.4 | 2 |
| 2393 | Herbivory meets fungivory: insect herbivores feed on plant pathogenic fungi for their own benefit. <i>Ecology Letters</i> , 2020, 23, 1073-1084. | 3.0 | 23 |
| 2394 | <i>Bacillus cereus</i> AR156 triggers induced systemic resistance against <i>Pseudomonas syringae</i> pv. <i>tomato</i> DC3000 by suppressing miR472 and activating CNLs-mediated basal immunity in <i>Arabidopsis</i> . <i>Molecular Plant Pathology</i> , 2020, 21, 854-870. | 2.0 | 37 |
| 2395 | <i>Arabidopsis</i> SDG8 Potentiates the Sustainable Transcriptional Induction of the Pathogenesis-Related Genes PR1 and PR2 During Plant Defense Response. <i>Frontiers in Plant Science</i> , 2020, 11, 277. | 1.7 | 36 |
| 2396 | Heterologous Expression of the AtNPR1 Gene in Olive and Its Effects on Fungal Tolerance. <i>Frontiers in Plant Science</i> , 2020, 11, 308. | 1.7 | 19 |
| 2397 | Prospects of Gene Knockouts in the Functional Study of MAMP-Triggered Immunity: A Review. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2540. | 1.8 | 10 |
| 2398 | A holistic view on plant effector-triggered immunity presented as an iceberg model. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 3963-3976. | 2.4 | 58 |
| 2399 | Comparative Genomics, Pangenome, and Phylogenomic Analyses of <i>Brenneria</i> spp., and Delineation of <i>Brenneria izadpanahii</i> sp. nov.. <i>Phytopathology</i> , 2021, 111, 78-95. | 1.1 | 11 |
| 2400 | The LRXs-RALFs-FER module controls plant growth and salt stress responses by modulating multiple plant hormones. <i>National Science Review</i> , 2021, 8, nwa149. | 4.6 | 50 |
| 2401 | Short- and long-distance signaling in plant defense. <i>Plant Journal</i> , 2021, 105, 505-517. | 2.8 | 34 |
| 2402 | A transcriptional response atlas of <i>Chrysanthemum morifolium</i> to dodder invasion. <i>Environmental and Experimental Botany</i> , 2021, 181, 104272. | 2.0 | 3 |
| 2403 | Transcriptome analysis of two lines of <i>Brassica oleracea</i> in response to early infection with <i>Xanthomonas campestris</i> pv. <i>campestris</i> . <i>Canadian Journal of Plant Pathology</i> , 2021, 43, 127-139. | 0.8 | 14 |
| 2404 | Integrated metabolome-transcriptomics and functional characterization reveals that the wheat auxin receptor TIR1 negatively regulates defense against <i>Fusarium graminearum</i> . <i>Journal of Integrative Plant Biology</i> , 2021, 63, 340-352. | 4.1 | 53 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2405 | Melatonin: A master regulator of plant development and stress responses. <i>Journal of Integrative Plant Biology</i> , 2021, 63, 126-145. | 4.1 | 236 |
| 2406 | A novel chorismate mutase from <i>Erysiphe quercicola</i> performs dual functions of synthesizing amino acids and inhibiting plant salicylic acid synthesis. <i>Microbiological Research</i> , 2021, 242, 126599. | 2.5 | 8 |
| 2407 | Systemic propagation of immunity in plants. <i>New Phytologist</i> , 2021, 229, 1234-1250. | 3.5 | 193 |
| 2408 | Improving the biocontrol efficacy of <i>Meyerozyma guilliermondii</i> Y-1 with melatonin against postharvest gray mold in apple fruit. <i>Postharvest Biology and Technology</i> , 2021, 171, 111351. | 2.9 | 40 |
| 2409 | Dissecting Contrasts in Cell Death, Hormone, and Defense Signaling in Response to <i>Botrytis cinerea</i> and Reactive Oxygen Species. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 75-87. | 1.4 | 7 |
| 2410 | Transcriptome Analysis of the Grape- <i>Elsinoë ampelina</i> Pathosystem Reveals Novel Effectors and a Robust Defense Response. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 110-121. | 1.4 | 6 |
| 2411 | Priming for enhanced <i>ARGONAUTE2</i> activation accompanies induced resistance to cucumber mosaic virus in <i>Arabidopsis thaliana</i> . <i>Molecular Plant Pathology</i> , 2021, 22, 19-30. | 2.0 | 21 |
| 2412 | Volatile organic compounds produced by <i>Aureobasidium pullulans</i> induce electrolyte loss and oxidative stress in <i>Botrytis cinerea</i> and <i>Alternaria alternata</i> . <i>Research in Microbiology</i> , 2021, 172, 103788. | 1.0 | 25 |
| 2413 | Apparent inhibition of induced plant volatiles by a fungal pathogen prevents airborne communication between potato plants. <i>Plant, Cell and Environment</i> , 2021, 44, 1192-1201. | 2.8 | 14 |
| 2414 | Magnesium oxide induces immunity against <i>Fusarium</i> wilt by triggering the jasmonic acid signaling pathway in tomato. <i>Journal of Biotechnology</i> , 2021, 325, 100-108. | 1.9 | 19 |
| 2415 | Production of some benzylisoquinoline alkaloids in <i>Papaver armeniacum</i> L. hairy root cultures elicited with salicylic acid and methyl jasmonate. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2021, 57, 261-271. | 0.9 | 16 |
| 2416 | Glyphosate-Modulated Biosynthesis Driving Plant Defense and Species Interactions. <i>Trends in Plant Science</i> , 2021, 26, 312-323. | 4.3 | 41 |
| 2417 | Social networking in crop plants: Wired and wireless cross-plant communications. <i>Plant, Cell and Environment</i> , 2021, 44, 1095-1110. | 2.8 | 42 |
| 2418 | High CO ₂ and pathogen-driven expression of the carbonic anhydrase β CA3 confers basal immunity in tomato. <i>New Phytologist</i> , 2021, 229, 2827-2843. | 3.5 | 26 |
| 2419 | Role of salicylic acid signaling in the biotrophy-necrotrophy transition of <i>Xanthomonas campestris</i> pv. <i>campestris</i> infection in <i>Brassica napus</i> . <i>Physiological and Molecular Plant Pathology</i> , 2021, 113, 101578. | 1.3 | 15 |
| 2420 | The transcription factor <i>WRKY75</i> positively regulates jasmonate-mediated plant defense to necrotrophic fungal pathogens. <i>Journal of Experimental Botany</i> , 2021, 72, 1473-1489. | 2.4 | 58 |
| 2421 | Building on a foundation: advances in epidemiology, resistance breeding, and forecasting research for reducing the impact of fusarium head blight in wheat and barley. <i>Canadian Journal of Plant Pathology</i> , 2021, 43, 495-526. | 0.8 | 44 |
| 2422 | Regulation of glucosinolate biosynthesis. <i>Journal of Experimental Botany</i> , 2021, 72, 70-91. | 2.4 | 85 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2423 | <i>Plasmopara viticola</i> effector PvRXLR111 stabilizes VvWRKY40 to promote virulence. <i>Molecular Plant Pathology</i> , 2021, 22, 231-242. | 2.0 | 27 |
| 2424 | Hormones as gatekeepers in plant microbiome assembly. <i>Plant Journal</i> , 2021, 105, 518-541. | 2.8 | 115 |
| 2425 | R2R3-MYB Transcription Factor MdMYB73 Confers Increased Resistance to the Fungal Pathogen <i>Botryosphaeria dothidea</i> in Apples via the Salicylic Acid Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 447-458. | 2.4 | 29 |
| 2426 | Genetic loci underlying quantitative resistance to necrotrophic pathogens <i>Sclerotinia</i> and <i>Diaporthe</i> (Phomopsis), and correlated resistance to both pathogens. <i>Theoretical and Applied Genetics</i> , 2021, 134, 249-259. | 1.8 | 6 |
| 2427 | Genome-wide functional analysis of hot pepper immune receptors reveals an autonomous NLR clade in seed plants. <i>New Phytologist</i> , 2021, 229, 532-547. | 3.5 | 40 |
| 2428 | The kinase module of the Mediator complex: an important signalling processor for the development and survival of plants. <i>Journal of Experimental Botany</i> , 2021, 72, 224-240. | 2.4 | 15 |
| 2429 | <i>Sclerotinia sclerotiorum</i> Infection Triggers Changes in Primary and Secondary Metabolism in <i>Arabidopsis thaliana</i> . <i>Phytopathology</i> , 2021, 111, 559-569. | 1.1 | 15 |
| 2430 | Unraveling the sugar code: the role of microbial extracellular glycans in plant-microbe interactions. <i>Journal of Experimental Botany</i> , 2021, 72, 15-35. | 2.4 | 37 |
| 2431 | Identification of QTLs associated with <i>Sclerotinia</i> blight resistance in peanut (<i>Arachis hypogaea</i> L.). <i>Genetic Resources and Crop Evolution</i> , 2021, 68, 629-637. | 0.8 | 9 |
| 2432 | Saccharin Provides Protection and Activates Defense Mechanisms in Wheat Against the Hemibiotrophic Pathogen <i>Zymoseptoria tritici</i> . <i>Plant Disease</i> , 2021, 105, 780-786. | 0.7 | 9 |
| 2433 | Regulation of sugar metabolism genes in the nitrogen-dependent susceptibility of tomato stems to <i>Botrytis cinerea</i> . <i>Annals of Botany</i> , 2021, 127, 143-154. | 1.4 | 9 |
| 2434 | Root colonization by endophytic insect-pathogenic fungi. <i>Journal of Applied Microbiology</i> , 2021, 130, 570-581. | 1.4 | 58 |
| 2435 | Deciphering the Molecular Mechanisms of Biotic Stress Tolerance Unravels the Mystery of Plant-Pathogen Interaction. <i>Sustainable Agriculture Reviews</i> , 2021, , 295-316. | 0.6 | 1 |
| 2436 | Silicon and Plant Responses Under Adverse Environmental Conditions. , 2021, , 357-385. | | 5 |
| 2437 | The transcriptional response to salicylic acid plays a role in <i>Fusarium</i> yellows resistance in <i>Brassica rapa</i> L.. <i>Plant Cell Reports</i> , 2021, 40, 605-619. | 2.8 | 7 |
| 2439 | Jasmonate: A Versatile Messenger in Plants. <i>Signaling and Communication in Plants</i> , 2021, , 129-158. | 0.5 | 1 |
| 2440 | Genome-Wide Characterization of Jasmonates Signaling Components Reveals the Essential Role of ZmCO11a-ZmJAZ15 Action Module in Regulating Maize Immunity to <i>Gibberella</i> Stalk Rot. <i>International Journal of Molecular Sciences</i> , 2021, 22, 870. | 1.8 | 17 |
| 2441 | Metabolites produced by macro- and microalgae as plant biostimulants. <i>Studies in Natural Products Chemistry</i> , 2021, 71, 87-120. | 0.8 | 2 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2442 | Role of Mapks During Plant-Insect Interaction. , 2021, , 93-106. | | 0 |
| 2443 | PacBio full-length transcriptome of wild apple (<i>Malus sieversii</i>) provides insights into canker disease dynamic response. <i>BMC Genomics</i> , 2021, 22, 52. | 1.2 | 19 |
| 2444 | Fungi as Parasites: A Conspectus of the Fossil Record. <i>Topics in Geobiology</i> , 2021, , 69-108. | 0.6 | 6 |
| 2445 | Temporal expression profiles of defense-related genes involved in <i>Lactuca sativa</i> - <i>Sclerotinia sclerotiorum</i> interactions. <i>Journal of Plant Pathology</i> , 2021, 103, 61-69. | 0.6 | 5 |
| 2446 | Revisiting plant response to fungal stress in view of long noncoding RNAs. , 2021, , 293-311. | | 1 |
| 2447 | Simultaneous profiling of <i>Arabidopsis thaliana</i> and <i>Vibrio vulnificus</i> MO6-24/O transcriptomes by dual RNA-seq analysis. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 2084-2096. | 1.9 | 5 |
| 2448 | Peanut preinoculation with a root endophyte induces plant resistance to soil-borne pathogen <i>Fusarium oxysporum</i> via activation of salicylic acid-dependent signaling. <i>Plant and Soil</i> , 2021, 460, 297-312. | 1.8 | 13 |
| 2449 | Insights into the Rhizospheric Microbes and Their Application for Sustainable Agriculture. , 2021, , 13-29. | | 0 |
| 2450 | Role of terpenes in plant defense to biotic stress. , 2021, , 401-417. | | 15 |
| 2451 | Biotechnological Approaches for Enhancing Stress Tolerance in Legumes. <i>Sustainable Agriculture Reviews</i> , 2021, , 247-293. | 0.6 | 3 |
| 2453 | OsNBL1, a Multi-Organelle Localized Protein, Plays Essential Roles in Rice Senescence, Disease Resistance, and Salt Tolerance. <i>Rice</i> , 2021, 14, 10. | 1.7 | 4 |
| 2454 | Application of jasmonic acid at the stage of visible brown necrotic spots in <i>Magnaporthe oryzae</i> infection as a novel and environment-friendly control strategy for rice blast disease. <i>Protoplasma</i> , 2021, 258, 743-752. | 1.0 | 7 |
| 2455 | Transcriptome sequencing, data-based screening, and functional investigation of <i>MdWRKY75d</i> and <i>MdWRKY75e</i> in disease-resistant apples. <i>Journal of Plant Interactions</i> , 2021, 16, 462-473. | 1.0 | 3 |
| 2456 | Role of Microbial Biofilms in Agriculture: Perspectives on Plant and Soil Health. , 2021, , 251-288. | | 1 |
| 2457 | Functional Defense Signals in Plants. , 2021, , 543-556. | | 0 |
| 2458 | Mechanostimulation: a promising alternative for sustainable agriculture practices. <i>Journal of Experimental Botany</i> , 2021, 72, 2877-2888. | 2.4 | 19 |
| 2460 | Arbuscular mycorrhizal symbiosis: plant growth improvement and induction of resistance under stressful conditions. <i>Journal of Plant Nutrition</i> , 2021, 44, 1993-2028. | 0.9 | 40 |
| 2461 | Identification, characterization and functional analysis of grape (<i>Vitis vinifera</i> L.) mitochondrial transcription termination factor (mTERF) genes in responding to biotic stress and exogenous phytohormone. <i>BMC Genomics</i> , 2021, 22, 136. | 1.2 | 9 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2462 | Foliar Chemical Protection Against <i>Pantoea ananatis</i> in Onion Is Negated by Thrips Feeding. <i>Phytopathology</i> , 2021, 111, 258-267. | 1.1 | 3 |
| 2463 | The <i>Cytospora chrysosperma</i> Virulence Effector CcCAP1 Mainly Localizes to the Plant Nucleus To Suppress Plant Immune Responses. <i>MSphere</i> , 2021, 6, . | 1.3 | 11 |
| 2464 | Cutting the line: manipulation of plant immunity by bacterial type III effector proteases. <i>Journal of Experimental Botany</i> , 2021, 72, 3395-3409. | 2.4 | 6 |
| 2465 | <i>Brachypodium</i> Phenylalanine Ammonia Lyase (PAL) Promotes Antiviral Defenses against <i>Panicum mosaic virus</i> and Its Satellites. <i>MBio</i> , 2021, 12, . | 1.8 | 16 |
| 2466 | Root zone warming represses foliar diseases in tomato by inducing systemic immunity. <i>Plant, Cell and Environment</i> , 2021, 44, 2277-2289. | 2.8 | 13 |
| 2467 | Nitrogen forms and metabolism affect plant defence to foliar and root pathogens in tomato. <i>Plant, Cell and Environment</i> , 2021, 44, 1596-1610. | 2.8 | 37 |
| 2468 | MicroRNA319a regulates plant resistance to <i>Sclerotinia</i> stem rot. <i>Journal of Experimental Botany</i> , 2021, 72, 3540-3553. | 2.4 | 12 |
| 2469 | Chitosan induces delayed grapevine defense mechanisms and protects grapevine against <i>Botrytis cinerea</i> . <i>Journal of Plant Diseases and Protection</i> , 2021, 128, 715-724. | 1.6 | 13 |
| 2470 | Salicylic acid is a key player of Arabidopsis autophagy mutant susceptibility to the necrotrophic bacterium <i>Dickeya dadantii</i> . <i>Scientific Reports</i> , 2021, 11, 3624. | 1.6 | 7 |
| 2471 | Application of methyl jasmonate and salicylic acid lead to contrasting effects on the plant's metabolome and herbivory. <i>Plant Science</i> , 2021, 303, 110784. | 1.7 | 18 |
| 2472 | Speaking the language of lipids: the cross-talk between plants and pathogens in defence and disease. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 4399-4415. | 2.4 | 20 |
| 2473 | Hybrid Incompatibility of the Plant Immune System: An Opposite Force to Heterosis Equilibrating Hybrid Performances. <i>Frontiers in Plant Science</i> , 2020, 11, 576796. | 1.7 | 19 |
| 2474 | <i>Trichoderma virens</i> Bys1 may competitively inhibit its own effector protein Alt a 1 to stabilize the symbiotic relationship with plant-evidence from docking and simulation studies. <i>3 Biotech</i> , 2021, 11, 144. | 1.1 | 3 |
| 2475 | Diversified Regulation of Cytokinin Levels and Signaling During <i>Botrytis cinerea</i> Infection in Arabidopsis. <i>Frontiers in Plant Science</i> , 2021, 12, 584042. | 1.7 | 13 |
| 2476 | Phytochrome B regulates jasmonic acid-mediated defense response against <i>Botrytis cinerea</i> in Arabidopsis. <i>Plant Diversity</i> , 2022, 44, 109-115. | 1.8 | 10 |
| 2477 | Exogenous piperolic acid modulates plant defence responses against <i>Podosphaera xanthii</i> and <i>Pseudomonas syringae</i> pv. <i>lachrymans</i> in cucumber (<i>Cucumis sativus</i> L.). <i>Plant Biology</i> , 2021, 23, 473-484. | 1.8 | 7 |
| 2479 | Nitric oxide signalling in plant interactions with pathogenic fungi and oomycetes. <i>Journal of Experimental Botany</i> , 2021, 72, 848-863. | 2.4 | 31 |
| 2481 | Advances in Understanding Defense Mechanisms in <i>Persea americana</i> Against <i>Phytophthora cinnamomi</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 636339. | 1.7 | 14 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2482 | Identification of MaWRKY40 and MaDLO1 as effective marker genes for tracking the salicylic acid-mediated immune response in bananas. <i>Phytopathology</i> , 2021, , PHYTO01210017R. | 1.1 | 3 |
| 2483 | Transcriptional Changes in Potato Sprouts upon Interaction with <i>Rhizoctonia solani</i> Indicate Pathogen-Induced Interference in the Defence Pathways of Potato. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3094. | 1.8 | 14 |
| 2484 | Genome-edited <i>Camelina sativa</i> with a unique fatty acid content and its potential impact on ecosystems. <i>Environmental Sciences Europe</i> , 2021, 33, . | 2.6 | 11 |
| 2485 | Comparative proteomic analysis reveals insights into the dynamic responses of maize (<i>Zea mays</i> L.) to <i>Setosphaeria turcica</i> infection. <i>Plant Science</i> , 2021, 304, 110811. | 1.7 | 4 |
| 2486 | Susceptibility factor RTP1 negatively regulates <i>Phytophthora parasitica</i> resistance via modulating UPR regulators bZIP60 and bZIP28. <i>Plant Physiology</i> , 2021, 186, 1269-1287. | 2.3 | 15 |
| 2487 | In the tripartite combination <i>Botrytis cinerea</i> – <i>Arabidopsis</i> – <i>Eurydema oleracea</i> , the fungal pathogen alters the plant–insect interaction via jasmonic acid signalling activation and inducible plant-emitted volatiles. <i>Journal of Plant Research</i> , 2021, 134, 523-533. | 1.2 | 7 |
| 2488 | NO Network for Plant–Microbe Communication Underground: A Review. <i>Frontiers in Plant Science</i> , 2021, 12, 658679. | 1.7 | 23 |
| 2490 | Signaling in the Tomato Immunity against <i>Fusarium oxysporum</i> . <i>Molecules</i> , 2021, 26, 1818. | 1.7 | 18 |
| 2491 | The mechanism of sesame resistance against <i>Macrophomina phaseolina</i> was revealed via a comparison of transcriptomes of resistant and susceptible sesame genotypes. <i>BMC Plant Biology</i> , 2021, 21, 159. | 1.6 | 16 |
| 2492 | The phytotoxin COR induces transcriptional reprogramming of photosynthetic, hormonal and defence networks in tomato. <i>Plant Biology</i> , 2021, 23, 69-79. | 1.8 | 10 |
| 2493 | The Cotton Lignin Biosynthetic Gene <i>Gh4CL30</i> Regulates Lignification and Phenolic Content and Contributes to <i>Verticillium Wilt</i> Resistance. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 240-254. | 1.4 | 29 |
| 2496 | Understanding Plant Social Networking System: Avoiding Deleterious Microbiota but Calling Beneficials. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3319. | 1.8 | 16 |
| 2497 | Chloroplast: The Emerging Battlefield in Plant–Microbe Interactions. <i>Frontiers in Plant Science</i> , 2021, 12, 637853. | 1.7 | 21 |
| 2498 | Combining host plant defence with targeted nutrition: key to durable control of hemiparasitic <i>Striga</i> in cereals in sub-Saharan Africa?. <i>New Phytologist</i> , 2021, 230, 2164-2178. | 3.5 | 25 |
| 2499 | Plant Defense Responses to Biotic Stress and Its Interplay With Fluctuating Dark/Light Conditions. <i>Frontiers in Plant Science</i> , 2021, 12, 631810. | 1.7 | 109 |
| 2500 | NOVEL HYBRID MODULATORS OF PLANT IMMUNE RESPONSES BASED ON CHITOSAN AND BIOACTIVE ANTI-OXIDANTS AND PRO-OXIDANTS. <i>Sel'skokhozyaistvennaya Biologiya</i> , 2021, 56, 158-170. | 0.1 | 0 |
| 2501 | Genome-wide association mapping identifies novel loci underlying fire blight resistance in apple. <i>Plant Genome</i> , 2021, 14, e20087. | 1.6 | 11 |
| 2502 | Cross Kingdom Immunity: The Role of Immune Receptors and Downstream Signaling in Animal and Plant Cell Death. <i>Frontiers in Immunology</i> , 2020, 11, 612452. | 2.2 | 12 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2503 | Effect of hyperthermia and exogenous salicylic acid on expression of PR-protein genes (β -1,3-glucanase), Tj ETQq0 0 0 rgBT /Overlock 1 VÄ-snik HarkÄ-vsÊ ¹ kogo NacÄ-onalÊ ¹ nogo Agrarnogo UnÄ-versitetu SerÄ-Äç BÄ-ologiÄç, 2021, 2021, 67-82. | 0.1 | 0 |
| 2504 | Characterization of CRN-Like Genes From Plasmopara viticola: Searching for the Most Virulent Ones. Frontiers in Microbiology, 2021, 12, 632047. | 1.5 | 7 |
| 2506 | Systemic reprogramming of phytohormone profiles and metabolic traits by virulent <i>Diplodia</i> infection in its pine (<scp><i>Pinus sylvestris</i></scp> L.) host. Plant, Cell and Environment, 2021, 44, 2744-2764. | 2.8 | 5 |
| 2507 | Evolution of pathogen response genes associated with increased disease susceptibility during adaptation to an extreme drought in a Brassica rapa plant population. BMC Ecology and Evolution, 2021, 21, 61. | 0.7 | 4 |
| 2508 | Bacillus circulans GN03 Alters the Microbiota, Promotes Cotton Seedling Growth and Disease Resistance, and Increases the Expression of Phytohormone Synthesis and Disease Resistance-Related Genes. Frontiers in Plant Science, 2021, 12, 644597. | 1.7 | 10 |
| 2509 | Overexpression of a Cytochrome P450 Monooxygenase Involved in Orobanchol Biosynthesis Increases Susceptibility to Fusarium Head Blight. Frontiers in Plant Science, 2021, 12, 662025. | 1.7 | 6 |
| 2510 | Tenuazonic Acid-Triggered Cell Death Is the Essential Prerequisite for Alternaria alternata (Fr.) Keissler to Infect Successfully Host Ageratina adenophora. Cells, 2021, 10, 1010. | 1.8 | 15 |
| 2511 | AtSTP8, an endoplasmic reticulum-localised monosaccharide transporter from Arabidopsis, is recruited to the extrahaustorial membrane during powdery mildew infection. New Phytologist, 2021, 230, 2404-2419. | 3.5 | 14 |
| 2512 | Hormesis-Inducing Essential Oil Nanodelivery System Protects Plants against Broad Host-Range Necrotrophs. ACS Nano, 2021, 15, 8338-8349. | 7.3 | 10 |
| 2513 | Bioprospecting of Rhizosphere-Resident Fungi: Their Role and Importance in Sustainable Agriculture. Journal of Fungi (Basel, Switzerland), 2021, 7, 314. | 1.5 | 35 |
| 2514 | The Applicability of Species- and Trichothecene-Specific Primers in Monitoring the Fusarium graminearum Species Complex and Its Impact on the Surveillance of Fusarium Head Blight in Winter Wheat in Serbia. Agronomy, 2021, 11, 778. | 1.3 | 4 |
| 2515 | Silencing of strawberry pathogen defence related candidate genes by using specific strawberry fruit ripening-related promoters: an intragenic approach to improve fruit quality and resistance. Acta Horticulturae, 2021, , 83-92. | 0.1 | 0 |
| 2516 | Metabolic Mechanism of Plant Defense against Rice Blast Induced by Probenazole. Metabolites, 2021, 11, 246. | 1.3 | 9 |
| 2517 | A central circadian oscillator confers defense heterosis in hybrids without growth vigor costs. Nature Communications, 2021, 12, 2317. | 5.8 | 18 |
| 2518 | Quantitative Proteomics Reveals the Dynamic Regulation of the Tomato Proteome in Response to Phytophthora infestans. International Journal of Molecular Sciences, 2021, 22, 4174. | 1.8 | 7 |
| 2519 | Ciboria carunculoides Suppresses Mulberry Immune Responses Through Regulation of Salicylic Acid Signaling. Frontiers in Plant Science, 2021, 12, 658590. | 1.7 | 5 |
| 2520 | Changes in transcript levels of cassava superoxide dismutase and catalase during interaction with Phytophthora sp.. Physiological and Molecular Plant Pathology, 2021, 114, 101629. | 1.3 | 2 |
| 2521 | Silicon supplementation improves early blight resistance in Lycopersicon esculentum Mill. by modulating the expression of defense-related genes and antioxidant enzymes. 3 Biotech, 2021, 11, 232. | 1.1 | 15 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2522 | Three LysM effectors of <i>Zymoseptoria tritici</i> collectively disarm chitin-triggered plant immunity. <i>Molecular Plant Pathology</i> , 2021, 22, 683-693. | 2.0 | 31 |
| 2523 | Effect of cultivation practices on diversity in susceptibility reactions of winter wheat genotypes to <i>Fusarium</i> head blight. <i>European Journal of Agronomy</i> , 2021, 125, 126250. | 1.9 | 5 |
| 2524 | Parasites, niche modification and the host microbiome: A field survey of multiple parasites. <i>Molecular Ecology</i> , 2021, 30, 2404-2416. | 2.0 | 8 |
| 2525 | The Non-Pathogenic <i>Fusarium oxysporum</i> Fo47 Induces Distinct Responses in Two Closely Related Solanaceae Plants against the Pathogen <i>Verticillium dahliae</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 344. | 1.5 | 3 |
| 2526 | Transcriptome Analysis Identified Gene Regulation Networks in Soybean Leaves Perturbed by the Coronatine Toxin. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, . | 1.8 | 2 |
| 2527 | Expression of a Fungal Lectin in <i>Arabidopsis</i> Enhances Plant Growth and Resistance Toward Microbial Pathogens and a Plant-Parasitic Nematode. <i>Frontiers in Plant Science</i> , 2021, 12, 657451. | 1.7 | 13 |
| 2528 | Abscisic acid implicated in differential plant responses of <i>Phaseolus vulgaris</i> during endophytic colonization by <i>Metarhizium</i> and pathogenic colonization by <i>Fusarium</i> . <i>Scientific Reports</i> , 2021, 11, 11327. | 1.6 | 8 |
| 2529 | Transcriptional Responses of <i>Fusarium graminearum</i> Interacted with Soybean to Cause Root Rot. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 422. | 1.5 | 4 |
| 2530 | The Sorghum Grain Mold Disease Complex: Pathogens, Host Responses, and the Bioactive Metabolites at Play. <i>Frontiers in Plant Science</i> , 2021, 12, 660171. | 1.7 | 6 |
| 2531 | Gadolinium Protects <i>Arabidopsis thaliana</i> against <i>Botrytis cinerea</i> through the Activation of JA/ET-Induced Defense Responses. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4938. | 1.8 | 5 |
| 2532 | Jasmonic acid and ethylene signaling pathways participate in the defense response of Chinese cabbage to <i>Pectobacterium carotovorum</i> infection. <i>Journal of Integrative Agriculture</i> , 2021, 20, 1314-1326. | 1.7 | 15 |
| 2533 | Integrated Gene Co-expression Analysis and Metabolites Profiling Highlight the Important Role of ZmHIR3 in Maize Resistance to <i>Gibberella</i> Stalk Rot. <i>Frontiers in Plant Science</i> , 2021, 12, 664733. | 1.7 | 10 |
| 2534 | Quantitative interactions: the disease outcome of <i>Botrytis cinerea</i> across the plant kingdom. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, . | 0.8 | 20 |
| 2537 | Conserved Opposite Functions in Plant Resistance to Biotrophic and Necrotrophic Pathogens of the Immune Regulator SRFR1. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6427. | 1.8 | 6 |
| 2538 | Soil pathogen, <i>Fusarium oxysporum</i> induced wilt disease in chickpea: a review on its dynamicity and possible control strategies. <i>Proceedings of the Indian National Science Academy</i> , 2021, 87, 260-274. | 0.5 | 9 |
| 2539 | Salicylic Acid: Biosynthesis and Signaling. <i>Annual Review of Plant Biology</i> , 2021, 72, 761-791. | 8.6 | 193 |
| 2540 | Association between yield loss and <i>Fusarium</i> head blight traits in resistant and susceptible winter wheat cultivars. <i>Journal of Plant Diseases and Protection</i> , 2021, 128, 1013-1022. | 1.6 | 2 |
| 2541 | <i>Arabidopsis thaliana</i> Myb59 Gene Is Involved in the Response to <i>Heterodera schachtii</i> Infestation, and Its Overexpression Disturbs Regular Development of Nematode-Induced Syncytia. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6450. | 1.8 | 11 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2542 | Comparative genomics of the chitinase gene family in lodgepole and jack pines: contrasting responses to biotic threats and landscape level investigation of genetic differentiation. <i>Botany</i> , 2021, 99, 355-378. | 0.5 | 4 |
| 2543 | Ethylene-dependent effects of fusaric acid on the photosynthetic activity of tomato plants. <i>Photosynthetica</i> , 2021, 59, 337-348. | 0.9 | 8 |
| 2544 | Salicylic acid and nitric oxide cross-talks to improve innate immunity and plant vigor in tomato against <i>Fusarium oxysporum</i> stress. <i>Plant Cell Reports</i> , 2021, 40, 1415-1427. | 2.8 | 22 |
| 2545 | Contrasting effects of mammal grazing on foliar fungal diseases: patterns and potential mechanisms. <i>New Phytologist</i> , 2021, 232, 345-355. | 3.5 | 8 |
| 2546 | Heat-killed endophytic bacterium induces robust plant defense responses against important pathogens. <i>Scientific Reports</i> , 2021, 11, 12182. | 1.6 | 14 |
| 2547 | The bZIP transcription factor GmbZIP15 facilitates resistance against <i>Sclerotinia sclerotiorum</i> and <i>Phytophthora sojae</i> infection in soybean. <i>IScience</i> , 2021, 24, 102642. | 1.9 | 10 |
| 2548 | Transcriptional, hormonal, and metabolic changes in susceptible grape berries under powdery mildew infection. <i>Journal of Experimental Botany</i> , 2021, 72, 6544-6569. | 2.4 | 24 |
| 2550 | Direct and insect-mediated effects of pathogens on plant growth and fitness. <i>Journal of Ecology</i> , 2021, 109, 2769-2779. | 1.9 | 9 |
| 2551 | Effectors of Plant Necrotrophic Fungi. <i>Frontiers in Plant Science</i> , 2021, 12, 687713. | 1.7 | 53 |
| 2552 | Genome editing for resistance against plant pests and pathogens. <i>Transgenic Research</i> , 2021, 30, 427-459. | 1.3 | 20 |
| 2553 | Investigation of long non-coding RNAs as regulatory players of grapevine response to powdery and downy mildew infection. <i>BMC Plant Biology</i> , 2021, 21, 265. | 1.6 | 21 |
| 2554 | Two-component signaling system in plants: interaction network and specificity in response to stress and hormones. <i>Plant Cell Reports</i> , 2021, 40, 2037-2046. | 2.8 | 6 |
| 2555 | Phytopathogen resistance of phytohormone-deficient and low-sensitivity mutant tomatoes. <i>Revista Ceres</i> , 2021, 68, 212-218. | 0.1 | 0 |
| 2556 | Plant defence mechanisms against mycotoxin Fumonisin B1. <i>Chemico-Biological Interactions</i> , 2021, 343, 109494. | 1.7 | 19 |
| 2557 | Molecular and biochemical insight into biochar and <i>Bacillus subtilis</i> induced defense in tomatoes against <i>Alternaria solani</i> . <i>Scientia Horticulturae</i> , 2021, 285, 110203. | 1.7 | 20 |
| 2558 | Fungal Endophytes Help Grasses to Tolerate Sap-Sucking Herbivores Through a Hormone-Signaling System. <i>Journal of Plant Growth Regulation</i> , 2022, 41, 2122-2137. | 2.8 | 8 |
| 2559 | Transcriptional profiling reveals multiple defense responses in downy mildew-resistant transgenic grapevine expressing a TIR-NBS-LRR gene located at the MrRUN1/MrRPV1 locus. <i>Horticulture Research</i> , 2021, 8, 161. | 2.9 | 6 |
| 2560 | Single and combined effect of two fungal diseases on growth of moth plant, <i>Araujia hortorum</i> (Apocynaceae). <i>New Zealand Journal of Botany</i> , 0, , 1-19. | 0.8 | 2 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2561 | Understanding and Exploiting Post-Translational Modifications for Plant Disease Resistance. <i>Biomolecules</i> , 2021, 11, 1122. | 1.8 | 14 |
| 2564 | Pest and disease management by red light. <i>Plant, Cell and Environment</i> , 2021, 44, 3197-3210. | 2.8 | 23 |
| 2565 | Exploration of silicon functions to integrate with biotic stress tolerance and crop improvement. <i>Biological Research</i> , 2021, 54, 19. | 1.5 | 32 |
| 2566 | Comparative biochemical and transcriptome analyses in tomato and eggplant reveal their differential responses to <i>Tuta absoluta</i> infestation. <i>Genomics</i> , 2021, 113, 2108-2121. | 1.3 | 23 |
| 2568 | Reprogramming of the wheat transcriptome in response to infection with <i>Claviceps purpurea</i> , the causal agent of ergot. <i>BMC Plant Biology</i> , 2021, 21, 316. | 1.6 | 6 |
| 2569 | Nematodes Diseases of Fruits and Vegetables Crops in India. , 0, , . | | 2 |
| 2570 | Identification and Expression Analysis of the SBP-box Gene Family Related to Abiotic Stress in Tea Plant (<i>Camellia sinensis</i> (L.) O. Kuntze). <i>Plant Molecular Biology Reporter</i> , 0, , 1. | 1.0 | 3 |
| 2571 | Metabolomic Evaluation of Tissue-Specific Defense Responses in Tomato Plants Modulated by PGPR-Priming against <i>Phytophthora capsici</i> Infection. <i>Plants</i> , 2021, 10, 1530. | 1.6 | 21 |
| 2573 | The cysteine-rich receptor-like kinase TaCRK3 contributes to defense against <i>Rhizoctonia cerealis</i> in wheat. <i>Journal of Experimental Botany</i> , 2021, 72, 6904-6919. | 2.4 | 24 |
| 2574 | Enzymatic characterization of the saliva of the eriophyid mite, <i>Aceria pongamiae</i> Keifer 1966 (Acari: Tj ETQq1 1 0.784314 rgBT /Overl (Fabaceae). <i>Die Naturwissenschaften</i> , 2021, 108, 33. | 0.6 | 2 |
| 2575 | Impaired Cuticle Functionality and Robust Resistance to <i>Botrytis cinerea</i> in <i>Arabidopsis thaliana</i> Plants With Altered Homogalacturonan Integrity Are Dependent on the Class III Peroxidase AtPRX71. <i>Frontiers in Plant Science</i> , 2021, 12, 696955. | 1.7 | 9 |
| 2576 | Importance of Molecular Data to Identify Fungal Plant Pathogens and Guidelines for Pathogenicity Testing Based on Koch's Postulates. <i>Pathogens</i> , 2021, 10, 1096. | 1.2 | 26 |
| 2577 | Activation of Local and Systemic Defence Responses by Flg22 Is Dependent on Daytime and Ethylene in Intact Tomato Plants. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8354. | 1.8 | 18 |
| 2578 | Clubroot in <i>Brassica</i> : recent advances in genomics, breeding, and disease management. <i>Genome</i> , 2021, 64, 735-760. | 0.9 | 22 |
| 2579 | Combined Application of Biochar and Biocontrol Agents Enhances Plant Growth and Activates Resistance Against <i>Meloidogyne incognita</i> in Tomato. <i>Gesunde Pflanzen</i> , 2021, 73, 591-601. | 1.7 | 14 |
| 2580 | Changes in xylem morphology and activity of defense-related enzymes are associated with bean resistance during <i>Fusarium oxysporum</i> colonization. <i>Protoplasma</i> , 2022, 259, 717-729. | 1.0 | 5 |
| 2581 | SUMOylation in Phytopathogen Interactions: Balancing Invasion and Resistance. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 703795. | 1.8 | 5 |
| 2582 | Calmodulin7: recent insights into emerging roles in plant development and stress. <i>Plant Molecular Biology</i> , 2021, 107, 1-20. | 2.0 | 10 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2583 | The rice foot rot pathogen <i>Dickeya zeae</i> alters the in-field plant microbiome. <i>Environmental Microbiology</i> , 2021, 23, 7671-7687. | 1.8 | 14 |
| 2584 | Comparative Whole-Genome Sequence Analyses of Fusarium Wilt Pathogen (Foc R1, STR4 and TR4) Infecting Cavendish (AAA) Bananas in India, with a Special Emphasis on Pathogenicity Mechanisms. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 717. | 1.5 | 9 |
| 2585 | Isoleucine Enhances Plant Resistance Against <i>Botrytis cinerea</i> via Jasmonate Signaling Pathway. <i>Frontiers in Plant Science</i> , 2021, 12, 628328. | 1.7 | 14 |
| 2586 | Comparative expression analysis of defense-related genes in both transgenic and nontransgenic <i>Brassica juncea</i> (var.) <i>Varuna</i> harbouring overexpressed MAPK3 gene in response to infection by <i>Albugo candida</i> . <i>Journal of Crop Science and Biotechnology</i> , 2022, 25, 63-72. | 0.7 | 1 |
| 2587 | Defense Response to <i>Hemileia vastatrix</i> in Susceptible Grafts onto Resistant Rootstock of <i>Coffea arabica</i> L. <i>Agronomy</i> , 2021, 11, 1621. | 1.3 | 1 |
| 2588 | <i>Fusarium graminearum</i> DICER-like-dependent sRNAs are required for the suppression of host immune genes and full virulence. <i>PLoS ONE</i> , 2021, 16, e0252365. | 1.1 | 22 |
| 2589 | Role of ethylene and light in chitosan-induced local and systemic defence responses of tomato plants. <i>Journal of Plant Physiology</i> , 2021, 263, 153461. | 1.6 | 13 |
| 2590 | <i>Arabidopsis non-host resistance</i> <i>PSS30</i> gene enhances broad-spectrum disease resistance in the soybean cultivar Williams 82. <i>Plant Journal</i> , 2021, 107, 1432-1446. | 2.8 | 8 |
| 2591 | Jasmonic acid priming of potato uses hypersensitive response-dependent defense and delays necrotrophic phase change against <i>Phytophthora infestans</i> . <i>Physiological and Molecular Plant Pathology</i> , 2021, 115, 101680. | 1.3 | 8 |
| 2592 | <i>Brassica napus</i> Mediator Subunit16 Induces BnMED25- and BnWRKY33-Activated Defense Signaling to Confer <i>Sclerotinia sclerotiorum</i> Resistance. <i>Frontiers in Plant Science</i> , 2021, 12, 663536. | 1.7 | 8 |
| 2593 | Benzoic Acid and Its Hydroxylated Derivatives Suppress Early Blight of Tomato (<i>Alternaria solani</i>) via the Induction of Salicylic Acid Biosynthesis and Enzymatic and Nonenzymatic Antioxidant Defense Machinery. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 663. | 1.5 | 33 |
| 2594 | Overexpression of LYK4, a lysin motif receptor with non-functional kinase domain, enhances tolerance to <i>Alternaria brassicicola</i> and increases trichome density in <i>Brassica juncea</i> . <i>Plant Science</i> , 2021, 309, 110953. | 1.7 | 5 |
| 2595 | Small RNAs in Plant Immunity and Virulence of Filamentous Pathogens. <i>Annual Review of Phytopathology</i> , 2021, 59, 265-288. | 3.5 | 27 |
| 2596 | Tomato Divinyl Ether-Biosynthesis Pathway Is Implicated in Modulating of Root-Knot Nematode <i>Meloidogyne javanica</i> 's Parasitic Ability. <i>Frontiers in Plant Science</i> , 2021, 12, 670772. | 1.7 | 6 |
| 2597 | Efficacy of Pecan Husk and Shell Phenolic Extracts Against <i>Phytophthora</i> Blight in Chile Pepper. <i>Plant Health Progress</i> , 0, , PHP-02-21-0024-. | 0.8 | 4 |
| 2598 | Cell wall associated immunity in plants. <i>Stress Biology</i> , 2021, 1, 1. | 1.5 | 58 |
| 2599 | The Plant Salicylic Acid Signalling Pathway Regulates the Infection of a Biotrophic Pathogen in Grasses Associated with an <i>Epichloa</i> Endophyte. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 633. | 1.5 | 32 |
| 2600 | Indirect interactions among co-infecting parasites and a microbial mutualist impact disease progression. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211313. | 1.2 | 8 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2601 | Requirement of Jasmonate signaling for defense responses against <i>Alternaria alternata</i> and <i>Phytophthora nicotianae</i> in tobacco. <i>Crop Science</i> , 2021, 61, 4273-4283. | 0.8 | 9 |
| 2602 | Coronatine Contributes to <i>Pseudomonas cannabina</i> pv. <i>alisalensis</i> Virulence by Overcoming Both Stomatal and Apoplastic Defenses in Dicot and Monocot Plants. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 746-757. | 1.4 | 17 |
| 2603 | Transcriptome Alterations of an in vitro-Selected, Moderately Resistant, Two-Row Malting Barley in Response to 3ADON, 15ADON, and NIV Chemotypes of <i>Fusarium graminearum</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 701969. | 1.7 | 8 |
| 2604 | Crude peptides extracted from dry mycelium of <i>Penicillium chrysogenum</i> serve as a micro-associated molecular pattern to induce systemic resistance against tobacco mosaic virus in tobacco. <i>Physiological and Molecular Plant Pathology</i> , 2021, 115, 101677. | 1.3 | 1 |
| 2605 | Resistance Correlations Influence Infection by Foreign Pathogens. <i>American Naturalist</i> , 2021, 198, 206-218. | 1.0 | 4 |
| 2606 | Metabolomic analysis of host plant biochemistry could improve the effectiveness and safety of classical weed biocontrol. <i>Biological Control</i> , 2021, 160, 104663. | 1.4 | 10 |
| 2607 | The Ca ²⁺ sensor proteins CML37 and CML42 antagonistically regulate plant stress responses by altering phytohormone signals. <i>Plant Molecular Biology</i> , 2022, 109, 611-625. | 2.0 | 24 |
| 2608 | Wheat- <i>Fusarium graminearum</i> Interactions Under <i>Sitobion avenae</i> Influence: From Nutrients and Hormone Signals. <i>Frontiers in Nutrition</i> , 2021, 8, 703293. | 1.6 | 8 |
| 2609 | Cotton CC-NBS-LRR Gene GbCNL130 Confers Resistance to <i>Verticillium Wilt</i> Across Different Species. <i>Frontiers in Plant Science</i> , 2021, 12, 695691. | 1.7 | 12 |
| 2610 | Transcriptome and Oxylipin Profiling Joint Analysis Reveals Opposite Roles of 9-Oxylipins and Jasmonic Acid in Maize Resistance to <i>Gibberella Stalk Rot</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 699146. | 1.7 | 10 |
| 2611 | CRISPR/ <i>Sp</i> -Cas9-mediated double knockout of barley Microorchidia MORC1 and MORC6a reveals their strong involvement in plant immunity, transcriptional gene silencing and plant growth. <i>Plant Biotechnology Journal</i> , 2022, 20, 89-102. | 4.1 | 29 |
| 2612 | The transcription factor ORA59 exhibits dual DNA binding specificity that differentially regulates ethylene- and jasmonic acid-induced genes in plant immunity. <i>Plant Physiology</i> , 2021, 187, 2763-2784. | 2.3 | 11 |
| 2613 | WRKY Transcription Factors in Cassava Contribute to Regulation of Tolerance and Susceptibility to Cassava Mosaic Disease through Stress Responses. <i>Viruses</i> , 2021, 13, 1820. | 1.5 | 11 |
| 2614 | Cyclic nucleotide gated channel genes (CNGCs) in Rosaceae: genome-wide annotation, evolution and the roles on <i>Valsa</i> canker resistance. <i>Plant Cell Reports</i> , 2021, 40, 2369-2382. | 2.8 | 10 |
| 2615 | A maize leucine-rich repeat receptor-like protein kinase mediates responses to fungal attack. <i>Planta</i> , 2021, 254, 73. | 1.6 | 5 |
| 2616 | Adaptive defence and sensing responses of host plant roots to fungal pathogen attack revealed by transcriptome and metabolome analyses. <i>Plant, Cell and Environment</i> , 2021, 44, 3756-3774. | 2.8 | 10 |
| 2617 | MPK3/MPK6-mediated phosphorylation of ERF72 positively regulates resistance to <i>Botrytis cinerea</i> through directly and indirectly activating the transcription of camalexin biosynthesis enzymes. <i>Journal of Experimental Botany</i> , 2022, 73, 413-428. | 2.4 | 22 |
| 2618 | Current Approaches to Identification of <i>Fusarium</i> Fungi Infecting Wheat. <i>Cytology and Genetics</i> , 2021, 55, 433-446. | 0.2 | 7 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2619 | Qualitative and Quantitative Resistance against Early Blight Introgressed in Potato. <i>Biology</i> , 2021, 10, 892. | 1.3 | 13 |
| 2620 | Arbuscular mycorrhizae maintain lemongrass citral levels and mitigate resistance despite root lesion nematode infection. <i>Rhizosphere</i> , 2021, 19, 100359. | 1.4 | 7 |
| 2621 | Transcriptome-Wide Identification of WRKY Transcription Factor and Functional Characterization of RgWRKY37 Involved in Acteoside Biosynthesis in <i>Rehmannia glutinosa</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 739853. | 1.7 | 8 |
| 2622 | A 13-Lipoxygenase, GhLOX2, positively regulates cotton tolerance against <i>Verticillium dahliae</i> through JA-mediated pathway. <i>Gene</i> , 2021, 796-797, 145797. | 1.0 | 8 |
| 2623 | Lignin Composition and Timing of Cell Wall Lignification Are Involved in <i>Brassica napus</i> Resistance to Stem Rot Caused by <i>Sclerotinia sclerotiorum</i> . <i>Phytopathology</i> , 2021, 111, 1438-1448. | 1.1 | 21 |
| 2624 | Bacterial rhamnolipids and their 3-hydroxyalkanoate precursors activate <i>Arabidopsis</i> innate immunity through two independent mechanisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 3.3 | 25 |
| 2625 | Antagonism to Plant Pathogens by Epichloa Fungal Endophytes: A Review. <i>Plants</i> , 2021, 10, 1997. | 1.6 | 23 |
| 2626 | Serial Transcriptome Analysis Reveals Genes Associated with Late Blight Resistance in Potato Cultivar Qingshu 9. <i>Agronomy</i> , 2021, 11, 1919. | 1.3 | 3 |
| 2627 | Activation of the BABA-induced priming defence through redox homeostasis and the modules of TGA1 and MAPKK5 in postharvest peach fruit. <i>Molecular Plant Pathology</i> , 2021, 22, 1624-1640. | 2.0 | 13 |
| 2628 | Combining simplified DNA extraction technology and recombinase polymerase amplification assay for rapid and equipment-free detection of citrus pathogen <i>Phytophthora parasitica</i> . <i>Journal of Integrative Agriculture</i> , 2021, 20, 2696-2705. | 1.7 | 3 |
| 2629 | Where Does the Peanut Smut Pathogen, <i>Thecaphora frezii</i> , Fit in the Spectrum of Smut Diseases?. <i>Plant Disease</i> , 2021, 105, 2268-2280. | 0.7 | 4 |
| 2630 | Exogenous application of plant defense hormones alters the effects of live soils on plant performance. <i>Basic and Applied Ecology</i> , 2021, 56, 144-155. | 1.2 | 6 |
| 2631 | Salicylic acid and <i>Cinnamomum verum</i> confer resistance against <i>Penicillium</i> rot by modulating the expression of defense linked genes in <i>Citrus reticulata</i> Blanco. <i>Postharvest Biology and Technology</i> , 2021, 181, 111649. | 2.9 | 15 |
| 2632 | Structure-function analysis reveals <i>Trichoderma virens</i> Tsp1 to be a novel fungal effector protein modulating plant defence. <i>International Journal of Biological Macromolecules</i> , 2021, 191, 267-276. | 3.6 | 4 |
| 2633 | The tomato Mediator subunit MED8 positively regulates plant response to <i>Botrytis cinerea</i> . <i>Journal of Plant Physiology</i> , 2021, 266, 153533. | 1.6 | 4 |
| 2634 | Role of plant hormones in combating biotic stress in plants. , 2022, , 373-391. | | 4 |
| 2635 | The relationship between <i>Fusarium</i> head blight traits, thousand-kernel weight, and yield in winter wheat. <i>Scientia Agricola</i> , 2022, 79, . | 0.6 | 5 |
| 2636 | Commercial production and formulation of microbial biocontrol agents. , 2021, , 241-256. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2637 | The Critical Role of Small RNAs in Regulating Plant Innate Immunity. <i>Biomolecules</i> , 2021, 11, 184. | 1.8 | 14 |
| 2638 | Butylated Hydroxytoluene Induced Resistance Against <i>Botryosphaeria dothidea</i> in Apple Fruit. <i>Frontiers in Microbiology</i> , 2020, 11, 599062. | 1.5 | 18 |
| 2639 | Secretion-Based Modes of Action of Biocontrol Agents with a Focus on <i>Pseudozyma aphidis</i> . <i>Plants</i> , 2021, 10, 210. | 1.6 | 11 |
| 2640 | Foliar resistance to <i>Rhizoctonia solani</i> in <i>Arabidopsis</i> is compromised by simultaneous loss of ethylene, jasmonate and PEN2 mediated defense pathways. <i>Scientific Reports</i> , 2021, 11, 2546. | 1.6 | 9 |
| 2641 | Phytohormones as Fundamental Regulators of Plant-Microbe Associations Under Stress Conditions. <i>Rhizosphere Biology</i> , 2021, , 203-226. | 0.4 | 1 |
| 2642 | Plant Growth-Promoting Rhizobacteria (PGPR) and Compost Materials for AeroHydro Culture. , 2021, , 301-325. | | 6 |
| 2643 | Modeling Immune Dynamics in Plants Using JIMENA-Package. <i>Methods in Molecular Biology</i> , 2021, 2328, 183-189. | 0.4 | 2 |
| 2644 | Safflower disease—a sustainable protection against <i>Alternaria carthami</i> L.. , 2021, , 127-148. | | 0 |
| 2645 | Specific tissue proteins 1 and 6 are involved in root biology during normal development and under symbiotic and pathogenic interactions in <i>Medicago truncatula</i> . <i>Planta</i> , 2021, 253, 7. | 1.6 | 3 |
| 2647 | <i>Arabidopsis</i> UGT76B1 glycosylates <i>N</i> -hydroxy-pipecolic acid and inactivates systemic acquired resistance in tomato. <i>Plant Cell</i> , 2021, 33, 750-765. | 3.1 | 48 |
| 2648 | Protective plant immune responses are elicited by bacterial outer membrane vesicles. <i>Cell Reports</i> , 2021, 34, 108645. | 2.9 | 39 |
| 2649 | <i>Epichloa</i> spp. and <i>Serendipita indica</i> endophytic fungi: Functions in plant-soil relations. <i>Advances in Agronomy</i> , 2021, 165, 59-113. | 2.4 | 9 |
| 2652 | Genomics of Fungal- and Oomycete-Soybean Interactions. , 2008, , 243-267. | | 7 |
| 2653 | Maize Disease Resistance. , 2009, , 229-250. | | 30 |
| 2654 | Sulfur in biotic interactions of plants. <i>Plant Ecophysiology</i> , 2007, , 197-224. | 1.5 | 9 |
| 2655 | Host Responses to Biological Control Agents. , 2009, , 171-181. | | 5 |
| 2656 | Mechanisms of Induced Resistance Against <i>B. cinerea</i> . , 2009, , 13-30. | | 6 |
| 2657 | Plant Hormone Crosstalks Under Biotic Stresses. , 2014, , 323-350. | | 26 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2658 | Management of Fungal Diseases on Cucumber (<i>Cucumis sativus</i> L.) and Tomato (<i>Solanum lycopersicum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 10 Bioprospecting, 2019, , 1-28. | 0.6 | 9 |
| 2659 | Scion Breeding for Resistance to Biotic Stresses. <i>Compendium of Plant Genomes</i> , 2019, , 319-347. | 0.3 | 27 |
| 2660 | Combined Use of Beneficial Bacteria and Arbuscular Mycorrhizal Fungi for the Biocontrol of Plant Cryptogamic Diseases: Evidence, Methodology, and Limits. <i>Soil Biology</i> , 2021, , 429-468. | 0.6 | 3 |
| 2661 | Plant-Fungal Interactions: Special Secondary Metabolites of the Biotrophic, Necrotrophic, and Other Specific Interactions. , 2016, , 1-58. | | 5 |
| 2662 | Arbuscular Mycorrhiza Mediated Control of Plant Pathogens. , 2017, , 131-160. | | 22 |
| 2663 | The Importance of Genetic and Epigenetic Research in the Brassica Vegetables in the Face of Climate Change. , 2020, , 161-255. | | 15 |
| 2664 | G Proteins and Plant Innate Immunity. <i>Signaling and Communication in Plants</i> , 2010, , 221-250. | 0.5 | 19 |
| 2665 | Oxylipin Signaling and Plant Growth. <i>Plant Cell Monographs</i> , 2010, , 277-291. | 0.4 | 7 |
| 2666 | Deciphering the Plant-Insect Phenotypic Arms Race. , 2011, , 3-33. | | 5 |
| 2667 | Priming of Plant Defences by PGPR against Fungal and Bacterial Plant Foliar Pathogens. , 2012, , 1-26. | | 3 |
| 2668 | Rhizobacteria Mediated Induced Systemic Tolerance in Plants: Prospects for Abiotic Stress Management. , 2012, , 225-238. | | 7 |
| 2669 | A Mixed Bag: The Plant Growth-Promoting <i>Sebacina vermifera</i> Impairs Defense Mechanisms Against Herbivores. <i>Soil Biology</i> , 2013, , 251-261. | 0.6 | 3 |
| 2670 | Lipases in Signaling Plant Defense Responses. <i>Signaling and Communication in Plants</i> , 2014, , 207-228. | 0.5 | 3 |
| 2671 | Priming of Plant Defences by PGPR against Fungal and Bacterial Plant Foliar Pathogens. , 2012, , 1-26. | | 2 |
| 2672 | Biochemical Characterization of Oxidative Burst During Interaction Between Sesame (<i>Sesamum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 10 | | 2 |
| 2673 | Plant Disease Symptoms, Identification from Colored Images. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 605-608. | 0.1 | 1 |
| 2674 | Arbuscular Mycorrhizal Networks: Process and Functions. , 2011, , 907-930. | | 13 |
| 2675 | Disease Resistance-Genes and Defense Responses During Incompatible Interactions. , 2011, , 309-324. | | 21 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2676 | Lipid-Mediated Signaling Between Fungi and Plants. , 2012, , 249-260. | | 6 |
| 2677 | Increased Auxin Content and Altered Auxin Response in Barley Necrotic Mutant nec1. , 2013, , 229-241. | | 2 |
| 2678 | Role of Plant Peroxisomes in the Production of Jasmonic Acid-Based Signals. Sub-Cellular Biochemistry, 2013, 69, 299-313. | 1.0 | 26 |
| 2679 | Amelioration of Biotic Stress by Application of Rhizobacteria for Agriculture Sustainability. Microorganisms for Sustainability, 2019, , 111-168. | 0.4 | 5 |
| 2680 | Host Resistance. , 2019, , 177-295. | | 2 |
| 2681 | Autophagy in Plant Immunity. Advances in Experimental Medicine and Biology, 2019, 1209, 23-41. | 0.8 | 12 |
| 2682 | Could Trichoderma Be a Plant Pathogen? Successful Root Colonization. Rhizosphere Biology, 2020, , 35-59. | 0.4 | 12 |
| 2683 | Plant Immunity, Priming, and Systemic Resistance as Mechanisms for Trichoderma spp. Biocontrol. Rhizosphere Biology, 2020, , 81-110. | 0.4 | 14 |
| 2684 | Genetic Engineering and Genome Editing Strategies to Enhance Diseases Resistance of Rice Plants: A Review of Progress and Future Prospects. , 2020, , 35-59. | | 2 |
| 2685 | Transgenic Technology for Disease Resistance in Crop Plants. , 2021, , 499-560. | | 3 |
| 2686 | New developments in understanding the role of salicylic acid in plant defence.. CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, 0, , . | 0.6 | 7 |
| 2687 | Gall- and erineum-forming <i>Eriophyes</i> mites alter photosynthesis and volatile emissions in an infection severity-dependent manner in broad-leaved trees <i>Alnus glutinosa</i> and <i>Tilia cordata</i> . Tree Physiology, 2021, 41, 1122-1142. | 1.4 | 5 |
| 2688 | Genomic analysis of bacteria in the Acute Oak Decline pathobiome. Microbial Genomics, 2019, 5, . | 1.0 | 31 |
| 2689 | Virulence mechanisms of plant-pathogenic <i>Streptomyces</i> species: an updated review. Microbiology (United Kingdom), 2019, 165, 1025-1040. | 0.7 | 52 |
| 2709 | Transcriptomic profiling of <i>Brassica napus</i> responses to <i>Pseudomonas aeruginosa</i> . Innate Immunity, 2021, 27, 143-157. | 1.1 | 6 |
| 2710 | Genome-wide analyses of cassava Pathogenesis-related (PR) gene families reveal core transcriptome responses to whitefly infestation, salicylic acid and jasmonic acid. BMC Genomics, 2020, 21, 93. | 1.2 | 41 |
| 2711 | Transient expression analysis of synthetic promoters containing F and D cis-acting elements in response to <i>Ascochyta rabiei</i> and two plant defense hormones. AMB Express, 2019, 9, 195. | 1.4 | 6 |
| 2712 | Computational analysis of microarray data of <i>Arabidopsis thaliana</i> challenged with <i>Alternaria brassicicola</i> for identification of key genes in Brassica. Journal of Genetic Engineering and Biotechnology, 2020, 18, 17. | 1.5 | 7 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2713 | Metatranscriptomic Study of Common and Host-Specific Patterns of Gene Expression between Pines and Their Symbiotic Ectomycorrhizal Fungi in the Genus <i>Suillus</i> . <i>PLoS Genetics</i> , 2016, 12, e1006348. | 1.5 | 82 |
| 2714 | Kinome Profiling Reveals an Interaction Between Jasmonate, Salicylate and Light Control of Hyponastic Petiole Growth in <i>Arabidopsis thaliana</i> . <i>PLoS ONE</i> , 2010, 5, e14255. | 1.1 | 21 |
| 2715 | ATL9, a RING Zinc Finger Protein with E3 Ubiquitin Ligase Activity Implicated in Chitin- and NADPH Oxidase-Mediated Defense Responses. <i>PLoS ONE</i> , 2010, 5, e14426. | 1.1 | 94 |
| 2716 | A Role for Nonsense-Mediated mRNA Decay in Plants: Pathogen Responses Are Induced in <i>Arabidopsis thaliana</i> NMD Mutants. <i>PLoS ONE</i> , 2012, 7, e31917. | 1.1 | 114 |
| 2717 | Comparative Transcriptome Analysis of the Necrotrophic Fungus <i>Ascochyta rabiei</i> during Oxidative Stress: Insight for Fungal Survival in the Host Plant. <i>PLoS ONE</i> , 2012, 7, e33128. | 1.1 | 42 |
| 2718 | Signalling Network Construction for Modelling Plant Defence Response. <i>PLoS ONE</i> , 2012, 7, e51822. | 1.1 | 19 |
| 2719 | A Secretory Protein of Necrotrophic Fungus <i>Sclerotinia sclerotiorum</i> That Suppresses Host Resistance. <i>PLoS ONE</i> , 2013, 8, e53901. | 1.1 | 157 |
| 2720 | Enhanced <i>Botrytis cinerea</i> Resistance of <i>Arabidopsis</i> Plants Grown in Compost May Be Explained by Increased Expression of Defense-Related Genes, as Revealed by Microarray Analysis. <i>PLoS ONE</i> , 2013, 8, e56075. | 1.1 | 31 |
| 2721 | Mi-1-Mediated Resistance to <i>Meloidogyne incognita</i> in Tomato May Not Rely on Ethylene but Hormone Perception through ETR3 Participates in Limiting Nematode Infection in a Susceptible Host. <i>PLoS ONE</i> , 2013, 8, e63281. | 1.1 | 20 |
| 2722 | European Corn Borer (<i>Ostrinia nubilalis</i>) Induced Responses Enhance Susceptibility in Maize. <i>PLoS ONE</i> , 2013, 8, e73394. | 1.1 | 49 |
| 2723 | Tomato Spotted Wilt Virus Benefits a Non-Vector Arthropod, <i>Tetranychus Urticae</i> , by Modulating Different Plant Responses in Tomato. <i>PLoS ONE</i> , 2013, 8, e75909. | 1.1 | 49 |
| 2724 | Activation of the Phenylpropanoid Pathway in <i>Nicotiana tabacum</i> Improves the Performance of the Whitefly <i>Bemisia tabaci</i> via Reduced Jasmonate Signaling. <i>PLoS ONE</i> , 2013, 8, e76619. | 1.1 | 33 |
| 2725 | Disease Interactions in a Shared Host Plant: Effects of Pre-Existing Viral Infection on Cucurbit Plant Defense Responses and Resistance to Bacterial Wilt Disease. <i>PLoS ONE</i> , 2013, 8, e77393. | 1.1 | 46 |
| 2726 | Defense Responses in Two Ecotypes of <i>Lotus japonicus</i> against Non-Pathogenic <i>Pseudomonas syringae</i> . <i>PLoS ONE</i> , 2013, 8, e83199. | 1.1 | 32 |
| 2727 | Plant Virus Differentially Alters the Plant's Defense Response to Its Closely Related Vectors. <i>PLoS ONE</i> , 2013, 8, e83520. | 1.1 | 41 |
| 2728 | Characterization of Resistance Gene Analogues (RGAs) in Apple (<i>Malus \times domestica</i> Borkh.) and Their Evolutionary History of the Rosaceae Family. <i>PLoS ONE</i> , 2014, 9, e83844. | 1.1 | 71 |
| 2729 | Current European <i>Labyrinthula zosterae</i> Are Not Virulent and Modulate Seagrass (<i>Zostera marina</i>) Defense Gene Expression. <i>PLoS ONE</i> , 2014, 9, e92448. | 1.1 | 53 |
| 2730 | GhWRKY40, a Multiple Stress-Responsive Cotton WRKY Gene, Plays an Important Role in the Wounding Response and Enhances Susceptibility to <i>Ralstonia solanacearum</i> Infection in Transgenic <i>Nicotiana benthamiana</i> . <i>PLoS ONE</i> , 2014, 9, e93577. | 1.1 | 73 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2731 | The hnRNP-Q Protein LIF2 Participates in the Plant Immune Response. PLoS ONE, 2014, 9, e99343. | 1.1 | 52 |
| 2732 | The Arabidopsis KH-Domain RNA-Binding Protein ESR1 Functions in Components of Jasmonate Signalling, Unlinking Growth Restraint and Resistance to Stress. PLoS ONE, 2015, 10, e0126978. | 1.1 | 45 |
| 2733 | Isolation and Characterization of a Novel Pathogenesis-Related Protein Gene (GmPRP) with Induced Expression in Soybean (<i>Glycine max</i>) during Infection with <i>Phytophthora sojae</i> . PLoS ONE, 2015, 10, e0129932. | 1.1 | 54 |
| 2734 | Comparative Effectiveness of Potential Elicitors of Plant Resistance against <i>Spodoptera frugiperda</i> (L.) Tj ETQq1 1 0,784314 rgBT /Ove 40 | 1.1 | 40 |
| 2735 | Systemic Resistance to Powdery Mildew in <i>Brassica napus</i> (AACC) and <i>Raphanus alboglabra</i> (RRCC) by <i>Trichoderma harzianum</i> TH12. PLoS ONE, 2015, 10, e0142177. | 1.1 | 29 |
| 2736 | Large-Scale Transcriptome Analysis of Cucumber and <i>Botrytis cinerea</i> during Infection. PLoS ONE, 2015, 10, e0142221. | 1.1 | 55 |
| 2737 | Small Molecule DFPM Derivative-Activated Plant Resistance Protein Signaling in Roots Is Unaffected by EDS1 Subcellular Targeting Signal and Chemical Genetic Isolation of victor R-Protein Mutants. PLoS ONE, 2016, 11, e0155937. | 1.1 | 5 |
| 2738 | Reprogramming of Strawberry (<i>Fragaria vesca</i>) Root Transcriptome in Response to <i>Phytophthora cactorum</i> . PLoS ONE, 2016, 11, e0161078. | 1.1 | 58 |
| 2739 | Contrasting Regulation of NO and ROS in Potato Defense-Associated Metabolism in Response to Pathogens of Different Lifestyles. PLoS ONE, 2016, 11, e0163546. | 1.1 | 26 |
| 2740 | Salicylic Acid Is Involved in the Basal Resistance of Tomato Plants to Citrus Exocortis Viroid and Tomato Spotted Wilt Virus. PLoS ONE, 2016, 11, e0166938. | 1.1 | 50 |
| 2741 | WRKY70 and its homolog WRKY54 negatively modulate the cell wall-associated defenses to necrotrophic pathogens in Arabidopsis. PLoS ONE, 2017, 12, e0183731. | 1.1 | 69 |
| 2742 | Transcriptome analysis clarified genes involved in resistance to <i>Phytophthora capsici</i> in melon. PLoS ONE, 2020, 15, e0227284. | 1.1 | 22 |
| 2744 | Bacterial Pathogens in Plants. Journal of Bacteriology & Mycology Open Access, 2017, 4, . | 0.2 | 4 |
| 2745 | Induction of resistance to <i>Pyricularia oryzae</i> in wheat by acibenzolar-S-methyl, ethylene and jasmonic acid. Tropical Plant Pathology, 2014, 39, 224-233. | 0.8 | 20 |
| 2746 | Recent Understanding on Structure, Function and Evolution of Plant Disease Resistance Genes. Proceedings of the Indian National Science Academy, 2014, 80, 83. | 0.5 | 12 |
| 2747 | Inducción de respuesta de defensa en plantas de tomate contra Forl por extracto de ajo. Revista Mexicana De Fitopatología, 2018, 36, . | 0.2 | 1 |
| 2749 | Modified Ethylene Signaling as an Example of Engineering for Complex Traits: Secondary Effects and Implications for Environmental Risk Assessment. Hortscience: A Publication of the American Society for Horticultural Science, 2009, 44, 94-101. | 0.5 | 5 |
| 2750 | Genome-wide Identification and Expression Analysis of the YTH Domain-containing RNA-binding Protein Family in <i>Citrus Sinensis</i> . Journal of the American Society for Horticultural Science, 2019, 144, 79-91. | 0.5 | 5 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2751 | EVALUATION OF SOME SAFETY TREATMENTS ON ROOT ROT DISEASES, GROWTH AND YIELD POD QUALITY OF PEA (<i>Pisum sativum</i> , L.). <i>Journal of Plant Production</i> , 2013, 4, 787-807. | 0.0 | 3 |
| 2752 | Effects of AMF- and PGPR-root inoculation and a foliar chitosan spray in single and combined treatments on powdery mildew disease in strawberry. <i>Agricultural and Food Science</i> , 2012, 21, 28-38. | 0.3 | 32 |
| 2753 | Does Psa affect kiwifruit susceptibility to leafrollers. <i>New Zealand Plant Protection</i> , 0, 66, 162-169. | 0.3 | 1 |
| 2755 | <i>Arabidopsis thaliana</i> AtGCN2 Kinase is Involved in Disease Resistance against Pathogens with Diverse Life Styles. <i>International Journal of Phytopathology</i> , 2015, 4, 93-104. | 0.1 | 8 |
| 2756 | Characterization of a <i>Fusarium graminearum</i> Salicylate Hydroxylase. <i>Frontiers in Microbiology</i> , 2018, 9, 3219. | 1.5 | 14 |
| 2757 | The Effect of Transcription Factor MYB14 on Defense Mechanisms in <i>Vitis quinquangularis</i> -Pingyi. <i>International Journal of Molecular Sciences</i> , 2020, 21, 706. | 1.8 | 14 |
| 2758 | Elicitor and Receptor Molecules: Orchestrators of Plant Defense and Immunity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 963. | 1.8 | 203 |
| 2759 | The Cotton BEL1-Like Transcription Factor GhBLH7-D06 Negatively Regulates the Defense Response against <i>Verticillium dahliae</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 7126. | 1.8 | 18 |
| 2760 | NAC Transcription Factors as Positive or Negative Regulators during Ongoing Battle between Pathogens and Our Food Crops. <i>International Journal of Molecular Sciences</i> , 2021, 22, 81. | 1.8 | 46 |
| 2761 | Coiled-Coil N21 of <i>Hpa1</i> in <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> Promotes Plant Growth, Disease Resistance and Drought Tolerance in Non-Hosts via Eliciting HR and Regulation of Multiple Defense Response Genes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 203. | 1.8 | 9 |
| 2762 | Signal Integration by Cyclin-Dependent Kinase 8 (CDK8) Module and Other Mediator Subunits in Biotic and Abiotic Stress Responses. <i>International Journal of Molecular Sciences</i> , 2021, 22, 354. | 1.8 | 12 |
| 2764 | Pathologists and entomologists must join forces against forest pest and pathogen invasions. <i>NeoBiota</i> , 0, 58, 107-127. | 1.0 | 28 |
| 2765 | Transcriptional responses of toxigenic and atoxigenic isolates of <i>Aspergillus flavus</i> to oxidative stress in aflatoxin-conducive and non-conducive media. <i>World Mycotoxin Journal</i> , 2020, 13, 443-457. | 0.8 | 3 |
| 2766 | Postharvest Application of Hot Water, Fungicide and Waxing on the Shelf Life of Valencia and Local Oranges of Siavarz. <i>Asian Journal of Plant Sciences</i> , 2007, 6, 314-319. | 0.2 | 20 |
| 2767 | How to Knock down a Plant; the Three Weapons of <i>Sclerotinia sclerotiorum</i> . <i>Journal of Biological Sciences</i> , 2019, 19, 300-313. | 0.1 | 5 |
| 2768 | Differential expression of defense-related genes in <i>Sinapis alba</i> and <i>Brassica juncea</i> upon the infection of <i>Alternaria brassicae</i> . <i>Tropical Agricultural Research</i> , 2016, 27, 123. | 0.1 | 15 |
| 2769 | <i>Arabidopsis</i> Infection by Haploid or Diploid Strains of <i>Ustilago maydis</i> Reveals its Capacity as A Necrotrophic or Biotrophic Phytopathogen. <i>Fungal Genomics & Biology</i> , 2016, 6, . | 0.4 | 2 |
| 2770 | Changes in the Production of Salicylic and Jasmonic Acid in Potato Plants (<i>Solanum</i>) Tj ETQq1 1 0.784314 rgBT /Over American Journal of Plant Sciences, 2015, 06, 1785-1791. | 0.3 | 5 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2772 | Mechanisms of resistance in postharvest fruit-pathogen interaction. <i>Revista Chapingo, Serie Horticultura</i> , 2015, XXI, 185-198. | 1.1 | 7 |
| 2773 | Expression Profiling of MLO Family Genes under <i>Podosphaera xanthii</i> Infection and Exogenous Application of Phytohormones in <i>Cucumis melo</i> L. <i>Journal of Life Science</i> , 2016, 26, 419-430. | 0.2 | 4 |
| 2774 | Message in a Bottle: Chemical Biology of Induced Disease Resistance in Plants. <i>Plant Pathology Journal</i> , 2008, 24, 245-268. | 0.7 | 44 |
| 2775 | Transcriptomic Analysis of <i>Oryza sativa</i> Leaves Reveals Key Changes in Response to <i>Magnaporthe oryzae</i> MSP1. <i>Plant Pathology Journal</i> , 2018, 34, 257-268. | 0.7 | 9 |
| 2776 | Rpi-blb2-Mediated Hypersensitive Cell Death Caused by <i>Phytophthora infestans</i> AVRblb2 Requires SGT1, but not EDS1, NDR1, Salicylic Acid-, Jasmonic Acid-, or Ethylene-Mediated Signaling. <i>Plant Pathology Journal</i> , 2014, 30, 254-260. | 0.7 | 20 |
| 2777 | Defense-Related Responses in Fruit of the Nonhost Chili Pepper against <i>Xanthomonas axonopodis</i> pv. <i>glycines</i> Infection. <i>Plant Pathology Journal</i> , 2016, 32, 311-320. | 0.7 | 2 |
| 2778 | Salicylic Acid as a Safe Plant Protector and Growth Regulator. <i>Plant Pathology Journal</i> , 2020, 36, 1-10. | 0.7 | 224 |
| 2779 | Evaluating methyl jasmonate for induction of resistance to <i>Fusarium oxysporum</i> , <i>F. circinatum</i> and <i>Ophiostoma novo-ulmi</i> . <i>Forest Systems</i> , 2012, 21, . | 0.1 | 23 |
| 2780 | Short communication: Effect of mycoviruses on growth, spore germination and pathogenicity of the fungus <i>Fusarium circinatum</i> . <i>Forest Systems</i> , 2018, 26, eSC07. | 0.1 | 4 |
| 2781 | Prospective Use of 1-Aminocyclopropane-1-Carboxylate Deaminase-Producing Bacteria for Plant Growth Promotion and Defense against Biotic and Abiotic Stresses in Peat-Soil-Agriculture. <i>Microbiology Indonesia</i> , 2008, 2, 107-111. | 0.2 | 3 |
| 2782 | Abiotic Stress Response in Plants - Physiological, Biochemical and Genetic Perspectives. , 2011, , . | | 23 |
| 2783 | Identification and expression analysis of a pathogen-responsive PR-1 gene from Chinese wild <i>Vitis quinquangularis</i> . <i>African Journal of Biotechnology</i> , 2011, 10, . | 0.3 | 3 |
| 2784 | WRKY transcription factor superfamily: Structure, origin and functions. <i>African Journal of Biotechnology</i> , 2012, 11, . | 0.3 | 6 |
| 2785 | Negative regulation of ABA signaling by WRKY33 is critical for <i>Arabidopsis</i> immunity towards <i>Botrytis cinerea</i> 2100. <i>ELife</i> , 2015, 4, e07295. | 2.8 | 232 |
| 2786 | Plantâ€œnecrotroph co-transcriptome networks illuminate a metabolic battlefield. <i>ELife</i> , 2019, 8, . | 2.8 | 46 |
| 2787 | Construction and comparison of gene co-expression networks shows complex plant immune responses. <i>PeerJ</i> , 2014, 2, e610. | 0.9 | 28 |
| 2788 | Perspectives on the utilization of resistance mechanisms from host and nonhost plants for durable protection of <i>Brassica</i> crops against <i>Alternaria</i> blight. <i>PeerJ</i> , 2019, 7, e7486. | 0.9 | 17 |
| 2789 | Characterization and Expression Analysis of Peroxidases and Glucan Synthase Like Genes in <i>Cucumis melo</i> L. <i>Plant Breeding and Biotechnology</i> , 2016, 4, 212-224. | 0.3 | 1 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2791 | Volatiles as biomarker for detection of soft rot during potato storage. <i>Acta Horticulturae</i> , 2021, , 21-26. | 0.1 | 0 |
| 2792 | WIPK&NtLTP4 pathway confers resistance to <i>Ralstonia solanacearum</i> in tobacco. <i>Plant Cell Reports</i> , 2022, 41, 249-261. | 2.8 | 4 |
| 2793 | Protoplast: A Valuable Toolbox to Investigate Plant Stress Perception and Response. <i>Frontiers in Plant Science</i> , 2021, 12, 749581. | 1.7 | 12 |
| 2794 | Comprehensive Time-Series Analysis of the Gene Expression Profile in a Susceptible Cultivar of Tree Tomato (<i>Solanum betaceum</i>) During the Infection of <i>Phytophthora betacei</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 730251. | 1.7 | 4 |
| 2795 | Mining of the <i>Catharanthus roseus</i> Genome Leads to Identification of a Biosynthetic Gene Cluster for Fungicidal Sesquiterpenes. <i>Journal of Natural Products</i> , 2021, 84, 2709-2716. | 1.5 | 5 |
| 2796 | Coordinated resource allocation to plant growth&defense tradeoffs. <i>New Phytologist</i> , 2022, 233, 1051-1066. | 3.5 | 63 |
| 2797 | Transcriptome Analysis Reveals the Complex Molecular Mechanisms of <i>Brassica napus</i> &Sclerotinia sclerotiorum Interactions. <i>Frontiers in Plant Science</i> , 2021, 12, 716935. | 1.7 | 8 |
| 2798 | Short Peptides Make a Big Difference: The Role of Botany-Derived AMPs in Disease Control and Protection of Human Health. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11363. | 1.8 | 6 |
| 2799 | Over-Expression of Chorismate Mutase Enhances the Accumulation of Salicylic Acid, Lignin, and Antioxidants in Response to the White-Backed Planthopper in Rice Plants. <i>Antioxidants</i> , 2021, 10, 1680. | 2.2 | 8 |
| 2801 | The extracellular vesicle generation paradox: a bacterial point of view. <i>EMBO Journal</i> , 2021, 40, e108174. | 3.5 | 58 |
| 2802 | <i>Arabidopsis Toxicos en Levadura 12 (ATL12)</i> : A Gene Involved in Chitin-Induced, Hormone-Related and NADPH Oxidase-Mediated Defense Responses. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 883. | 1.5 | 5 |
| 2803 | Salicylic Acid, a Plant Hormone, Suppresses Phytophagous Insect Immune Response by Interrupting HMG-Like DSP1. <i>Frontiers in Physiology</i> , 2021, 12, 744272. | 1.3 | 21 |
| 2804 | Elicitation of defense response by transglycosylated chitooligosaccharides in rice seedlings. <i>Carbohydrate Research</i> , 2021, 510, 108459. | 1.1 | 3 |
| 2805 | Fungi as pathogens of plants. , 2000, , 367-391. | | 2 |
| 2807 | Construction of cDNA Expression Library of Oilseed Rape and Screening and Identification of Interaction Partner of PG, A Virulence Factor from <l> <i>Sclerotinia sclerotiorum</i> </l>. <i>Acta Agronomica Sinica(China)</i> , 2008, 34, 192-197. | 0.1 | 0 |
| 2808 | Global Regulation of Genes in Citrus Fruit in Response to the Postharvest Pathogen <i>Penicillium digitatum</i> . , 2009, , 57-67. | | 0 |
| 2809 | Oxidation of Membrane Lipids and Functions of Oxylipins. <i>Advances in Photosynthesis and Respiration</i> , 2009, , 389-405. | 1.0 | 1 |
| 2810 | Influence of nitric oxide and reactive oxygen species on development of lettuce downy mildew in <i>Lactuca spp.</i> , 2010, , 135-148. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2811 | Identification of genes expressed during the compatible interaction of grapevine with <i>Plasmopara viticola</i> through suppression subtractive hybridization (SSH). , 2010, , 149-169. | | 0 |
| 2812 | Cloning of Wheat <i>TaPIM1</i> Gene and Analysis of Disease Resistance in <i>TaPIM1</i> Transgenic Tobacco. <i>Acta Agronomica Sinica</i> (China), 2010, 36, 911-917. | 0.1 | 0 |
| 2813 | How plants defend themselves. <i>Microbiology Australia</i> , 2012, 33, 15. | 0.1 | 0 |
| 2814 | Potential novel bZIP-like gene for resistance to <i>Erysiphe necator</i> identified in Chinese wild <i>Vitis pseudoreticulata</i> . <i>African Journal of Biotechnology</i> , 2012, 11, . | 0.3 | 1 |
| 2815 | Entre serm3n oral y comentario escrito: una reflexi3n sobre la pol3mica del rabino Joseph Ben Shoshan en su comentario sobre el <i>Avot</i>. <i>Anuario De Estudios Medievales</i> , 2012, 42, 183-199. | 0.0 | 1 |
| 2816 | Cyclic Nucleotide-Gated Channels: Essential Signaling Components in Plants for Fertilization and Immunity Responses. , 2014, , 177-192. | | 0 |
| 2818 | ABA Regulation of Plant Response to Biotic Stresses. , 2014, , 409-429. | | 4 |
| 2819 | Development of Two New <i>Zantedeschia</i> Cultivars Resistant to Bacterial Soft Rot. <i>Flower Research Journal</i> , 2014, 22, 88-94. | 0.1 | 2 |
| 2820 | Ethylene and Plant Immunity. , 2015, , 205-221. | | 5 |
| 2821 | Biogeochemical Aspect of Metal Uptake by Trees. , 2016, , 81-126. | | 0 |
| 2822 | Effects of SA, MeJA, and ACC on Leaf Cuticular Wax Constituents, Structure and Permeability in <i>Brassica napus</i> . <i>Acta Agronomica Sinica</i> (China), 2016, 42, 1827. | 0.1 | 0 |
| 2823 | Simplified Assays for Evaluation of Resistance to <i>Alternaria brassicicola</i> and Turnip Mosaic Virus. <i>Methods in Molecular Biology</i> , 2016, 1363, 219-228. | 0.4 | 1 |
| 2824 | Plant-Fungal Interactions: Special Secondary Metabolites of the Biotrophic, Necrotrophic, and Other Specific Interactions. <i>Reference Series in Phytochemistry</i> , 2016, , 1-58. | 0.2 | 2 |
| 2825 | Induction of Resistance with Benzothiadiazole in Sunflower: a Comparison of Biotrophic vs. Necrotrophic Pathosystems. <i>Acta Phytopathologica Et Entomologica Hungarica</i> , 2016, 51, 13-27. | 0.1 | 0 |
| 2826 | Parasite Removal, but Not Herbivory, Deters Future Parasite Attachment on Tomato. <i>PLoS ONE</i> , 2016, 11, e0161076. | 1.1 | 1 |
| 2827 | Induced resistance in tomato plants against root knot nematode using biotic and abiotic inducers. , 2016, 3, 31-46. | | 7 |
| 2828 | Bacterial acyl homoserine lactones in plant priming biotechnology: achievements and prospects of use in agricultural production. <i>Fiziologia Rastenij I Genetika</i> , 2016, 48, 463-474. | 0.1 | 3 |
| 2829 | Plant Responses to Combined Drought and Pathogen Infection: Current Understanding on the Role of Phytohormones. , 2017, , 133-149. | | 2 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2830 | Aplicación de ácido jasmónico como inductor de resistencia vegetal frente a patógenos. Revista Mexicana De Ciencias Agrícolas, 2017, 8, 673-683. | 0.0 | 3 |
| 2831 | HvGCN2 silencing in barley displays enhanced <i>Blumeria graminis</i> f. sp. <i>hordei</i> susceptibility. Archives of Biological Sciences, 2018, 70, 513-520. | 0.2 | 1 |
| 2836 | Plant-Microbe Interaction: Gene-to-Metabolite Network. , 2019, , 75-100. | | 4 |
| 2846 | Regulation of plant immunity by signaling networks and its exploitation by pathogens. Nihon Shokubutsu Byori Gakkaiho = Annals of the Phytopathological Society of Japan, 2019, 85, 190-196. | 0.1 | 0 |
| 2848 | Response of two <i>Arabidopsis</i> ecotypes Columbia-0 and Dijon-G to necrotrophic and biotrophic pathogens. <i>Biologia Plantarum</i> , 0, 63, 654-661. | 1.9 | 2 |
| 2850 | Development of Climate-Resilient Varieties in Rosaceous Berries. , 2020, , 333-384. | | 2 |
| 2851 | Plant Defense against Necrotrophic Pathogens. <i>American Journal of Plant Sciences</i> , 2020, 11, 2122-2138. | 0.3 | 27 |
| 2857 | EffectorP 3.0: Prediction of Apoplastic and Cytoplasmic Effectors in Fungi and Oomycetes. <i>Molecular Plant-Microbe Interactions</i> , 2022, 35, 146-156. | 1.4 | 179 |
| 2858 | Molecular and Chemical Screening for Inherent Disease Resistance Factors of Norway Spruce (<i>Picea abies</i>) Clones Against Conifer Stem Rot Pathogen <i>Heterobasidion parviporum</i> . <i>Phytopathology</i> , 2022, 112, 872-880. | 1.1 | 3 |
| 2859 | Variability and evolution of NBS-LRR genes in <i>Agave tequilana</i> and their differential response to <i>Lasiodiplodia</i> infection. <i>European Journal of Plant Pathology</i> , 0, , 1. | 0.8 | 1 |
| 2860 | Transcriptome Analysis of a Cotton Cultivar Provides Insights into the Differentially Expressed Genes Underlying Heightened Resistance to the Devastating <i>Verticillium</i> Wilt. <i>Cells</i> , 2021, 10, 2961. | 1.8 | 9 |
| 2861 | Synergistic/antagonistic interactions between <i>Neopseudocercospora</i> , <i>Alternaria</i> , <i>Leptosphaeria</i> and <i>Hyaloperonospora</i> determine aggregate foliar disease severity in rapeseed. <i>Plant Pathology</i> , 0, , . | 1.2 | 4 |
| 2862 | Molecular Insight of Plant-Microbe Pathogen Interaction. , 2020, , 481-511. | | 1 |
| 2863 | Recent Findings Unravel Genes and Genetic Factors Underlying <i>Leptosphaeria maculans</i> Resistance in <i>Brassica napus</i> and Its Relatives. <i>International Journal of Molecular Sciences</i> , 2021, 22, 313. | 1.8 | 11 |
| 2865 | Rhizospheric microbiome: Bio-based emerging strategies for sustainable agriculture development and future perspectives. <i>Microbiological Research</i> , 2022, 254, 126901. | 2.5 | 43 |
| 2867 | Recent Advances in Plant-Microbe Interaction. , 2020, , 23-49. | | 2 |
| 2868 | The Role of Endophytic Insect-Pathogenic Fungi in Biotic Stress Management. , 2020, , 379-400. | | 2 |
| 2869 | Microbial Interactions in the Rhizosphere Contributing Crop Resilience to Biotic and Abiotic Stresses. <i>Microorganisms for Sustainability</i> , 2020, , 1-33. | 0.4 | 3 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2870 | Manipulation of Reactive Oxygen Species, Redox and Nitric Oxide Signaling Systems to Activate Plant Innate Immunity for Crop Disease Management. Signaling and Communication in Plants, 2020, , 51-135. | 0.5 | 1 |
| 2871 | G-protein-coupled Receptors in Fungi. Fungal Biology, 2020, , 37-126. | 0.3 | 7 |
| 2872 | Defense responses of sunflower plants to the fungal pathogen attack. Biljni Lekar, 2020, 48, 510-521. | 0.0 | 0 |
| 2874 | Root treatment with a vitamin K_3 derivative: a promising alternative to synthetic fungicides against <i>Botrytis cinerea</i> in tomato plants. Pest Management Science, 2022, 78, 974-981. | 1.7 | 6 |
| 2875 | Genomic and Molecular Perspectives of Host-pathogen Interaction and Resistance Strategies against White Rust in Oilseed Mustard. Current Genomics, 2020, 21, 179-193. | 0.7 | 8 |
| 2877 | What are the prospects for genetically engineered, disease resistant plants?. , 2007, , 217-231. | | 0 |
| 2878 | How can we exploit functional genomics approaches for understanding the nature of plant defences? Barley as a case study. , 2008, , 257-266. | | 1 |
| 2879 | Diversity of defence mechanisms in plant-fungal oomycete interactions: a case study of <i>Lactuca</i> spp. and <i>Bremia lactucae</i> . , 2008, , 71-89. | | 0 |
| 2880 | Shallot Basal Bulb Rot Management through Integration of <i>Trichoderma asperellum</i> , Composted Plant Residues and Natural Mulch. Journal of Pure and Applied Microbiology, 2020, 14, 1779-1788. | 0.3 | 1 |
| 2882 | Transcriptional responses of toxigenic and atoxigenic isolates of <i>Aspergillus flavus</i> to oxidative stress in aflatoxin-conducive and non-conducive media. World Mycotoxin Journal, 0, , 1-16. | 0.8 | 0 |
| 2884 | Developing a systems biology approach to study disease progression caused by <i>Heterodera glycines</i> in <i>Glycine max</i> . Gene Regulation and Systems Biology, 2007, 1, 17-33. | 2.3 | 5 |
| 2885 | Fungi As Pathogens of Plants. , 2020, , 408-434. | | 1 |
| 2886 | Identification and expression assay of calcium-dependent protein kinase family genes in <i>Hevea brasiliensis</i> and determination of <i>HbCDPK5</i> functions in disease resistance. Tree Physiology, 2022, 42, 1070-1083. | 1.4 | 9 |
| 2887 | Molecules to ecosystems—recent trends in chemical ecology for combating biotic stresses in a changing climate. , 2022, , 361-410. | | 0 |
| 2888 | Effect of <i>Bacillus subtilis</i> and Signaling Molecules on the State of the Pro/Antioxidant System and the Expression of Protective Protein Genes in Potato Plants upon Phytophthorosis and a Moisture Deficit. Applied Biochemistry and Microbiology, 2021, 57, 760-769. | 0.3 | 3 |
| 2889 | Sulfur-Induced Resistance against <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> via Triggering Salicylic Acid Signaling Pathway in Kiwifruit. International Journal of Molecular Sciences, 2021, 22, 12710. | 1.8 | 11 |
| 2890 | The Laccase Gene Family Mediate Multi-Perspective Trade-Offs during Tea Plant (<i>Camellia sinensis</i>) Development and Defense Processes. International Journal of Molecular Sciences, 2021, 22, 12554. | 1.8 | 8 |
| 2891 | A rice gene encoding glycosyl hydrolase plays contrasting roles in immunity depending on the type of pathogens. Molecular Plant Pathology, 2022, 23, 400-416. | 2.0 | 12 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2892 | Effects of Secondary Metabolites from Pea on Fusarium Growth and Mycotoxin Biosynthesis. Journal of Fungi (Basel, Switzerland), 2021, 7, 1004. | 1.5 | 8 |
| 2893 | Successful intergeneric transfer of a major apple scab resistance gene (<i>Rvi6</i>) from apple to pear and precise comparison of the downstream molecular mechanisms of this resistance in both species. BMC Genomics, 2021, 22, 843. | 1.2 | 9 |
| 2894 | <i>Pseudomonas syringae</i> activates <i>ZAT18</i> to inhibit salicylic acid accumulation by repressing <i>EDS1</i> transcription for bacterial infection. New Phytologist, 2022, 233, 1274-1288. | 3.5 | 13 |
| 2895 | Solanaceous plants switch to cytokinin-mediated immunity against <i>Ralstonia solanacearum</i> under high temperature and high humidity. Plant, Cell and Environment, 2022, 45, 459-478. | 2.8 | 12 |
| 2896 | Endophytic Bacteria <i>Pseudomonas aeruginosa</i> PM389 Subsists Host's (Triticum aestivum) Immune Response for Gaining Entry Inside the Host. Journal of Pure and Applied Microbiology, 2021, 15, 2486-2497. | 0.3 | 2 |
| 2897 | The dark septate endophyte <i>Phialocephala sphaeroides</i> confers growth fitness benefits and mitigates pathogenic effects of <i>Heterobasidion</i> on Norway spruce. Tree Physiology, 2022, 42, 891-906. | 1.4 | 8 |
| 2898 | Genomic prediction of strawberry resistance to postharvest fruit decay caused by the fungal pathogen <i>Botrytis cinerea</i> . G3: Genes, Genomes, Genetics, 2022, 12, . | 0.8 | 19 |
| 2899 | The THO/TREX Complex Active in Alternative Splicing Mediates Plant Responses to Salicylic Acid and Jasmonic Acid. International Journal of Molecular Sciences, 2021, 22, 12197. | 1.8 | 4 |
| 2900 | Stress-regulated elements in <i>Lotus</i> spp., as a possible starting point to understand signalling networks and stress adaptation in legumes. PeerJ, 2021, 9, e12110. | 0.9 | 1 |
| 2901 | Sugar conundrum in plant-pathogen interactions: roles of invertase and sugar transporters depend on pathosystems. Journal of Experimental Botany, 2022, 73, 1910-1925. | 2.4 | 17 |
| 2908 | Agriculturally Important Microorganism: Understanding the Functionality and Mechanisms for Sustainable Farming. , 2021, , 35-64. | | 2 |
| 2912 | Key Genes in the JAZ Signaling Pathway Are Up-Regulated Faster and More Abundantly in Caterpillar-Resistant Maize. Journal of Chemical Ecology, 2022, 48, 179-195. | 0.9 | 5 |
| 2913 | Overexpression of watermelon <i>ClWRKY20</i> in transgenic Arabidopsis improves salt and low-temperature tolerance. Scientia Horticulturae, 2022, 295, 110848. | 1.7 | 13 |
| 2914 | Transcriptome analysis reveals infection strategies employed by <i>Fusarium graminearum</i> as a root pathogen. Microbiological Research, 2022, 256, 126951. | 2.5 | 7 |
| 2915 | Biocontrol Effect and Possible Mechanism of Food-Borne Sulfide 3-Methylthio-1-Propanol Against <i>Botrytis cinerea</i> in Postharvest Tomato. Frontiers in Plant Science, 2021, 12, 763755. | 1.7 | 1 |
| 2916 | Salicylic Acid, Jasmonate, and Ethylene Contribute to Rice Defense Against White Tip Nematodes <i>Aphelenchoides besseyi</i> . Frontiers in Plant Science, 2021, 12, 755802. | 1.7 | 5 |
| 2917 | Potassium (K ⁺) transporters in plants: regulation and functional role in K ⁺ uptake and homeostasis. , 2022, , 29-47. | | 3 |
| 2918 | Integrated transcriptomic and metabolic analyses reveal that ethylene enhances peach susceptibility to <i>Lasiodiplodia theobromae</i> -induced gummosis. Horticulture Research, 2022, 9, . | 2.9 | 13 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2919 | Nitrogen nutrition modifies the susceptibility of <i>Arabidopsis thaliana</i> to the necrotrophic fungus, <i>Alternaria brassicicola</i> . <i>Physiologia Plantarum</i> , 2022, 174, e13621. | 2.6 | 5 |
| 2920 | Deciphering the Genome-Wide Transcriptomic Changes during Interactions of Resistant and Susceptible Genotypes of American Elm with <i>Ophiostoma novo-ulmi</i> . <i>Journal of Fungi (Basel)</i> , Tj ETQq1 1 0.784314rgBT /Overlock 10 | | |
| 2921 | Plant adaptation to low phosphorus availability: Core signaling, crosstalks, and applied implications. <i>Molecular Plant</i> , 2022, 15, 104-124. | 3.9 | 70 |
| 2922 | Vacuolar Processing Enzymes Modulating Susceptibility Response to <i>Fusarium oxysporum</i> f. sp. cubense Tropical Race 4 Infections in Banana. <i>Frontiers in Plant Science</i> , 2021, 12, 769855. | 1.7 | 5 |
| 2923 | Kaolin Particle Film Protects Grapevine cv. Cabernet Sauvignon Against Downy Mildew by Forming Particle Film at the Leaf Surface, Directly Acting on Sporangia and Inducing the Defense of the Plant. <i>Frontiers in Plant Science</i> , 2021, 12, 796545. | 1.7 | 7 |
| 2924 | CRISPR/SpCas9-mediated KO of epigenetically active MORC proteins increases barley resistance to <i>Bipolaris spot blotch</i> and <i>Fusarium root rot</i> . <i>Journal of Plant Diseases and Protection</i> , 2022, 129, 1005-1011. | 1.6 | 3 |
| 2925 | Phosphate-induced resistance to pathogen infection in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2022, 110, 452-469. | 2.8 | 14 |
| 2926 | Phytohormone Priming of Tomato Plants Evoke Differential Behavior in <i>Rhizoctonia solani</i> During Infection, With Salicylate Priming Imparting Greater Tolerance Than Jasmonate. <i>Frontiers in Plant Science</i> , 2021, 12, 766095. | 1.7 | 8 |
| 2927 | Jasmonates: key players in plant stress tolerance. , 2022, , 165-192. | | 3 |
| 2928 | Microbial interaction mediated programmed cell death in plants. <i>3 Biotech</i> , 2022, 12, 43. | 1.1 | 5 |
| 2929 | Salicylic acid mediated immune response of <i>Citrus sinensis</i> to varying frequencies of herbivory and pathogen inoculation. <i>BMC Plant Biology</i> , 2022, 22, 7. | 1.6 | 5 |
| 2930 | Pathogen resistance in <i>Sphagneticola trilobata</i> (Singapore daisy): molecular associations and differentially expressed genes in response to disease from a widespread fungus. <i>Genetica</i> , 2022, 150, 13. | 0.5 | 2 |
| 2931 | Surveillance of Pathogenicity of <i>Rhizoctonia solani</i> Japanese Isolates with Varied Anastomosis Groups and Subgroups on <i>Arabidopsis thaliana</i> . <i>Life</i> , 2022, 12, 76. | 1.1 | 5 |
| 2932 | Aluminum can activate grapevine defense through actin remodeling. <i>Horticulture Research</i> , 2022, 9, . | 2.9 | 5 |
| 2933 | The elemental defense effect of cadmium on <i>Alternaria brassicicola</i> in <i>Brassica juncea</i> . <i>BMC Plant Biology</i> , 2022, 22, 17. | 1.6 | 8 |
| 2934 | AP2/ERF Transcription Factor NbERF-IX-33 Is Involved in the Regulation of Phytoalexin Production for the Resistance of <i>Nicotiana benthamiana</i> to <i>Phytophthora infestans</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 821574. | 1.7 | 13 |
| 2935 | A <i>Bursaphelenchus xylophilus</i> pathogenic protein Bx-FAR1, as potential control target, mediates the jasmonic acid pathway in pines. <i>Pest Management Science</i> , 2022, 78, 1870-1880. | 1.7 | 6 |
| 2936 | Induced Systemic Resistance for Improving Plant Immunity by Beneficial Microbes. <i>Plants</i> , 2022, 11, 386. | 1.6 | 115 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2937 | Deficiencies in the Risk Assessment of Genetically Engineered Bt Cowpea Approved for Cultivation in Nigeria: A Critical Review. <i>Plants</i> , 2022, 11, 380. | 1.6 | 2 |
| 2938 | To have or not to have: expression of amino acid transporters during pathogen infection. <i>Plant Molecular Biology</i> , 2022, 109, 413-425. | 2.0 | 9 |
| 2939 | Molecular insights into the jasmonate signaling and associated defense responses against wilt caused by <i>Fusarium oxysporum</i> . <i>Plant Physiology and Biochemistry</i> , 2022, 174, 22-34. | 2.8 | 19 |
| 2940 | Genome-wide characterization of NBS-LRR family genes and expression analysis under powdery mildew stress in <i>Lagenaria siceraria</i> . <i>Physiological and Molecular Plant Pathology</i> , 2022, 118, 101798. | 1.3 | 16 |
| 2941 | Comparative transcriptome analysis reveals distinct responsive biological processes in radish genotypes contrasting for <i>Plasmodiophora brassicae</i> interaction. <i>Gene</i> , 2022, 817, 146170. | 1.0 | 4 |
| 2942 | Seed biopriming with biopesticide: A key to sustainability of agriculture. , 2022, , 265-288. | | 0 |
| 2943 | Chickpea Roots Undergoing Colonisation by <i>Phytophthora medicaginis</i> Exhibit Opposing Jasmonic Acid and Salicylic Acid Accumulation and Signalling Profiles to Leaf Hemibiotrophic Models. <i>Microorganisms</i> , 2022, 10, 343. | 1.6 | 3 |
| 2944 | N-Acetylglucosamine Sensing and Metabolic Engineering for Attenuating Human and Plant Pathogens. <i>Bioengineering</i> , 2022, 9, 64. | 1.6 | 11 |
| 2945 | Cell death induced by fumonisin B1 in two maize hybrids: correlation with oxidative status biomarkers and salicylic and jasmonic acids imbalances. <i>European Journal of Plant Pathology</i> , 2022, 163, 203-221. | 0.8 | 4 |
| 2946 | Functional analysis of the Nep1-like proteins from <i>Plasmopara viticola</i> . <i>Plant Signaling and Behavior</i> , 2022, 17, . | 1.2 | 2 |
| 2947 | Comparative transcriptomics and multiple phytohormone profiling reveals the molecular immune response of <i>Arabidopsis thaliana</i> to the pathogen <i>Ralstonia solanacearum</i> type III effector RipN. <i>Journal of Plant Pathology</i> , 2022, 104, 591-603. | 0.6 | 1 |
| 2948 | Unravelling the complexity of maize resistance to bacterial and fungal diseases: an integrative perspective. <i>Tropical Plant Pathology</i> , 2022, 47, 332-352. | 0.8 | 1 |
| 2949 | <i>Piriformospora indica</i> promotes the growth and enhances the root rot disease resistance of gerbera. <i>Scientia Horticulturae</i> , 2022, 297, 110946. | 1.7 | 3 |
| 2950 | Extracellular proteins of <i>Trichoderma</i> and their role in plant health. <i>South African Journal of Botany</i> , 2022, 147, 359-369. | 1.2 | 15 |
| 2953 | Reactive Oxygen Species in Plant Interactions With Aphids. <i>Frontiers in Plant Science</i> , 2021, 12, 811105. | 1.7 | 17 |
| 2954 | Complete genome sequence of biocontrol strain <i>Paenibacillus peoriae</i> HJ-2 and further analysis of its biocontrol mechanism. <i>BMC Genomics</i> , 2022, 23, 161. | 1.2 | 6 |
| 2955 | Transcriptome Profile in a Susceptible Pear <i>Zaosu</i> TM (<i>Pyrus bretschneideri</i> Rehd.) <i>–Valsa pyri</i> Interaction. <i>Journal of Plant Growth Regulation</i> , 0, , 1. | 2.8 | 0 |
| 2956 | Analyses of <i>Botrytis cinerea</i> -responsive LrWRKY genes from <i>Lilium regale</i> reveal distinct roles of two LrWRKY transcription factors in mediating responses to <i>B. cinerea</i> . <i>Plant Cell Reports</i> , 2022, , 1. | 2.8 | 8 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2957 | A Novel Guanine Elicitor Stimulates Immunity in Arabidopsis and Rice by Ethylene and Jasmonic Acid Signaling Pathways. <i>Frontiers in Plant Science</i> , 2022, 13, 841228. | 1.7 | 14 |
| 2958 | Grapevine Gene Systems for Resistance to Gray Mold <i>Botrytis cinerea</i> and Powdery Mildew <i>Erysiphe necator</i> . <i>Agronomy</i> , 2022, 12, 499. | 1.3 | 10 |
| 2959 | Effects of applied ethrel, jasmonic acid, and salicylic acid on the formation of traumatic resin ducts in the bark of <i>Thuja dolabrata</i> cuttings and xylem of <i>Metasequoia glyptostroboides</i> seedlings. <i>Trees - Structure and Function</i> , 2022, 36, 793-801. | 0.9 | 0 |
| 2960 | Priming of camalexin accumulation in induced systemic resistance by beneficial bacteria against <i>Botrytis cinerea</i> and <i>Pseudomonas syringae</i> pv. <i>tomato</i> DC3000. <i>Journal of Experimental Botany</i> , 2022, 73, 3743-3757. | 2.4 | 12 |
| 2961 | Jasmonate increases terpene synthase expression, leading to strawberry resistance to <i>Botrytis cinerea</i> infection. <i>Plant Cell Reports</i> , 2022, 41, 1243-1260. | 2.8 | 12 |
| 2963 | RNA-Seq and Gene Regulatory Network Analyses Uncover Candidate Genes in the Early Defense to Two Hemibiotrophic <i>Colletorichum</i> spp. in Strawberry. <i>Frontiers in Genetics</i> , 2021, 12, 805771. | 1.1 | 3 |
| 2964 | Effect of Methyl Jasmonate in Gene Expression, and in Hormonal and Phenolic Profiles of Holm Oak Embryogenic Lines Before and After Infection With <i>Phytophthora cinnamomi</i> . <i>Frontiers in Plant Science</i> , 2022, 13, 824781. | 1.7 | 3 |
| 2965 | A New Species in <i>Pseudophialophora</i> From Wild Rice and Beneficial Potential. <i>Frontiers in Microbiology</i> , 2022, 13, 845104. | 1.5 | 6 |
| 2966 | The jasmonate-induced bHLH gene <i>SlJIG</i> functions in terpene biosynthesis and resistance to insects and fungus. <i>Journal of Integrative Plant Biology</i> , 2022, 64, 1102-1115. | 4.1 | 27 |
| 2967 | Heterologous expression of the <i>Haynaldia villosa</i> pattern-recognition receptor CERK1-V in wheat increases resistance to three fungal diseases. <i>Crop Journal</i> , 2022, 10, 1733-1745. | 2.3 | 7 |
| 2968 | <i>Pseudozyma aphidis</i> Suppresses Microbe-Associated Molecular Pattern (MAMP)-Triggered Callose Deposition and Can Penetrate Leaf Tissue. <i>Microbiology Spectrum</i> , 2022, , e0263821. | 1.2 | 1 |
| 2969 | Crossroads in the evolution of plant specialized metabolism. <i>Seminars in Cell and Developmental Biology</i> , 2023, 134, 37-58. | 2.3 | 39 |
| 2970 | The level of endogenous JA is critical for activation of SA- and JA-defensive signaling pathway in japonica rice cultivar Ziyu44 upon <i>Magnaporthe oryzae</i> infection. , 2022, 104, 619-629. | | 2 |
| 2971 | 2,3-Butanediol from the leachates of pine needles induces the resistance of <i>Panax notoginseng</i> to the leaf pathogen <i>Alternaria panax</i> . <i>Plant Diversity</i> , 2022, , . | 1.8 | 6 |
| 2973 | Genome-wide analysis of JAZ family genes expression patterns during fig (<i>Ficus carica</i> L.) fruit development and in response to hormone treatment. <i>BMC Genomics</i> , 2022, 23, 170. | 1.2 | 12 |
| 2974 | The cell-type specific role of Arabidopsis bZIP59 transcription factor in plant immunity. <i>Plant, Cell and Environment</i> , 2022, 45, 1843-1861. | 2.8 | 3 |
| 2975 | MADS2 regulates priming defence in postharvest peach through combined salicylic acid and abscisic acid signaling. <i>Journal of Experimental Botany</i> , 2022, 73, 3787-3806. | 2.4 | 8 |
| 2976 | Redox and Hormonal Changes in the Transcriptome of Grape (<i>Vitis vinifera</i>) Berries during Natural Noble Rot Development. <i>Plants</i> , 2022, 11, 864. | 1.6 | 5 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2977 | Leaf Polyphenolic Profile as a Determinant of Croatian Native Grapevine Varietiesâ€™ Susceptibility to <i>Plasmopara viticola</i> . <i>Frontiers in Plant Science</i> , 2022, 13, 836318. | 1.7 | 1 |
| 2978 | A Proteome-Level Investigation Into <i>Plasmodiophora brassicae</i> Resistance in <i>Brassica napus</i> Canola. <i>Frontiers in Plant Science</i> , 2022, 13, 860393. | 1.7 | 8 |
| 2979 | Resistance Management through Brassica Cropâ€™TuMVâ€™Aphid Interactions: Retrospect and Prospects. <i>Horticulturae</i> , 2022, 8, 247. | 1.2 | 4 |
| 2980 | The necrotroph <i>Botrytis cinerea</i> promotes disease development in <i>Panax ginseng</i> by manipulating plant defense signals and antifungal metabolites degradation. <i>Journal of Ginseng Research</i> , 2022, , . | 3.0 | 7 |
| 2981 | Opposing effects of <i>MYZUS PERSICAE</i> -INDUCED LIPASE 1 and jasmonic acid influence the outcome of <i>Arabidopsis thaliana</i> - <i>Fusarium graminearum</i> interaction. <i>Molecular Plant Pathology</i> , 2022, , . | 2.0 | 3 |
| 2982 | Defense responses and oxidative metabolism of glyphosate-resistant soybean plants infected by <i>Phakopsora pachyrhizi</i> modulated by glyphosate and nickel. <i>Physiological and Molecular Plant Pathology</i> , 2022, 118, 101817. | 1.3 | 5 |
| 2983 | Genome Structures and Evolution Analysis of Hsp90 Gene Family in <i>Brassica napus</i> Reveal the Possible Roles of Members in Response to Salt Stress and the Infection of <i>Sclerotinia sclerotiorum</i> . <i>Frontiers in Plant Science</i> , 2022, 13, 854034. | 1.7 | 4 |
| 2984 | Early wound-responsive cues regulate the expression of WRKY family genes in chickpea differently under wounded and unwounded conditions. <i>Physiology and Molecular Biology of Plants</i> , 2022, 28, 719-735. | 1.4 | 3 |
| 2985 | Induce defense response of DADS in eggplants during the biotrophic phase of <i>Verticillium dahliae</i> . <i>BMC Plant Biology</i> , 2022, 22, 172. | 1.6 | 2 |
| 2987 | Structure-activity relationships of oomycete elicitors uncover the role of reactive oxygen and nitrogen species in triggering plant defense responses. <i>Plant Science</i> , 2022, 319, 111239. | 1.7 | 2 |
| 2988 | Insight into maize gene expression profiles responses to symbiotic bacteria derived from <i>Helicoverpa armigera</i> and <i>Ostrinia furnacalis</i> . <i>Archives of Microbiology</i> , 2022, 204, 56. | 1.0 | 5 |
| 2989 | Molecular mechanisms of Nâ€™acylhomoserine lactone signals perception by plants. <i>Cell Biology International</i> , 2022, 46, 523-534. | 1.4 | 11 |
| 2990 | Impact of Future Elevated Carbon Dioxide on C ₃ Plant Resistance to Biotic Stresses. <i>Molecular Plant-Microbe Interactions</i> , 2022, 35, 527-539. | 1.4 | 7 |
| 2992 | Root Transcriptome and Metabolome Profiling Reveal Key Phytohormone-Related Genes and Pathways Involved Clubroot Resistance in <i>Brassica rapa</i> L.. <i>Frontiers in Plant Science</i> , 2021, 12, 759623. | 1.7 | 17 |
| 2993 | Biology and molecular interactions of <i>Parastagonospora nodorum</i> blotch of wheat. <i>Planta</i> , 2022, 255, 21. | 1.6 | 1 |
| 2994 | Genome-Wide Association Analysis of Resistance to <i>Pseudoperonospora cubensis</i> in Citron Watermelon. <i>Plant Disease</i> , 2022, 106, 1952-1958. | 0.7 | 6 |
| 2995 | The Intrageneration and Synthetic Biology Approach towards Accelerating Genetic Gains on Strawberry: Development of New Tools to Improve Fruit Quality and Resistance to Pathogens. <i>Plants</i> , 2022, 11, 57. | 1.6 | 5 |
| 2996 | PLA2A gene from <i>Arabidopsis thaliana</i> in response to infection by <i>Ustilago maydis</i> . <i>Journal of Natural and Agricultural Sciences</i> , 0, , 8-13. | 0.0 | 1 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2997 | Mutations in a barley cytochrome P450 gene enhances pathogen induced programmed cell death and cutin layer instability. <i>PLoS Genetics</i> , 2021, 17, e1009473. | 1.5 | 7 |
| 2998 | Early Defense Mechanisms of <i>Brassica oleracea</i> in Response to Attack by <i>Xanthomonas campestris</i> pv. <i>campestris</i> . <i>Plants</i> , 2021, 10, 2705. | 1.6 | 6 |
| 2999 | Diverse Effect of Two Cytokinins, Kinetin and Benzyladenine, on Plant Development, Biotic Stress Tolerance, and Gene Expression. <i>Life</i> , 2021, 11, 1404. | 1.1 | 3 |
| 3000 | Genome-Wide Association Mapping of Crown and Brown Rust Resistance in Perennial Ryegrass. <i>Genes</i> , 2022, 13, 20. | 1.0 | 1 |
| 3001 | OUP accepted manuscript. <i>Environmental Entomology</i> , 2022, , . | 0.7 | 0 |
| 3002 | Comparative Transcriptome Analysis of Onion in Response to Infection by <i>Alternaria porri</i> (Ellis) Cifferi. <i>Frontiers in Plant Science</i> , 2022, 13, 857306. | 1.7 | 7 |
| 3003 | GhWRKY33 negatively regulates jasmonate-mediated plant defense to <i>Verticillium dahliae</i> . <i>Plant Diversity</i> , 2022, , . | 1.8 | 0 |
| 3004 | The responses of soil bacterial and archaeal communities to coastal embankments in three typical salt marshes of Eastern China. <i>Plant and Soil</i> , 0, , . | 1.8 | 1 |
| 3005 | ANGUSTIFOLIA negatively regulates resistance to <i>Sclerotinia sclerotiorum</i> via modulation of PTI and JA signalling pathways in <i>Arabidopsis thaliana</i> . <i>Molecular Plant Pathology</i> , 2022, , . | 2.0 | 1 |
| 3006 | Metabolic engineering in food crops to enhance ascorbic acid production: crop biofortification perspectives for human health. <i>Physiology and Molecular Biology of Plants</i> , 2022, 28, 871-884. | 1.4 | 15 |
| 3007 | The negative effects of soil microorganisms on plant growth only extend to the first weeks. <i>Journal of Plant Ecology</i> , 2022, 15, 854-863. | 1.2 | 3 |
| 3008 | Untangling the role of ethylene beyond fruit development and ripening: A physiological and molecular perspective focused on the <i>Monilinia-peach</i> interaction. <i>Scientia Horticulturae</i> , 2022, 301, 111123. | 1.7 | 6 |
| 3009 | Involvement of ethylene in glutamate-mediated tomato fruit resistance to <i>Alternaria alternata</i> . <i>Postharvest Biology and Technology</i> , 2022, 190, 111940. | 2.9 | 4 |
| 3191 | From Functional Characterization to the Application of SWEET Sugar Transporters in Plant Resistance Breeding. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 5273-5283. | 2.4 | 6 |
| 3193 | A serine-rich effector from the stripe rust pathogen targets a Raf-like kinase to suppress host immunity. <i>Plant Physiology</i> , 2022, 190, 762-778. | 2.3 | 13 |
| 3195 | Effect of Feeding Stage and Density of Whiteflies on Subsequent Aphid Performance on Tobacco Plants. <i>Agronomy</i> , 2022, 12, 1025. | 1.3 | 0 |
| 3196 | Lipids associated with plant-bacteria interaction identified using a metabolomics approach in an <i>Arabidopsis thaliana</i> model. <i>PeerJ</i> , 2022, 10, e13293. | 0.9 | 3 |
| 3197 | Genetic Modification of Plant Hormones Induced by Parasitic Nematodes, Virus, Viroid, Bacteria, and Phytoplasma in Plant Growing. , 0, , . | | 1 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 3198 | Two in one: the neotropical mirid predator <i>Macrolophus basicornis</i> increases pest control by feeding on plants. <i>Pest Management Science</i> , 2022, 78, 3314-3323. | 1.7 | 6 |
| 3199 | IQD1 Involvement in Hormonal Signaling and General Defense Responses Against <i>Botrytis cinerea</i> . <i>Frontiers in Plant Science</i> , 2022, 13, 845140. | 1.7 | 4 |
| 3200 | Trehalose increases tomato drought tolerance, induces defenses, and increases resistance to bacterial wilt disease. <i>PLoS ONE</i> , 2022, 17, e0266254. | 1.1 | 24 |
| 3201 | Role of Promising Secondary Metabolites to Confer Resistance Against Environmental Stresses in Crop Plants: Current Scenario and Future Perspectives. <i>Frontiers in Plant Science</i> , 2022, 13, . | 1.7 | 28 |
| 3202 | Low Temperature Plasma Strategies for <i>Xylella fastidiosa</i> Inactivation. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4711. | 1.3 | 3 |
| 3203 | Triticale Improvement: Mining of Genes Related to Yellow Rust Resistance in Triticale Based on Transcriptome Sequencing. <i>Frontiers in Plant Science</i> , 2022, 13, . | 1.7 | 7 |
| 3204 | Genome-Wide Characterization of the Methyl CpG Binding Domain-Containing Proteins in Watermelon and Functional Analysis of Their Roles in Disease Resistance Through Ectopic Overexpression in <i>Arabidopsis thaliana</i> . <i>Frontiers in Plant Science</i> , 2022, 13, . | 1.7 | 2 |
| 3205 | <i>Plasmopara viticola</i> the Causal Agent of Downy Mildew of Grapevine: From Its Taxonomy to Disease Management. <i>Frontiers in Microbiology</i> , 2022, 13, . | 1.5 | 29 |
| 3206 | Camalexin accumulation as a component of plant immunity during interactions with pathogens and beneficial microbes. <i>Planta</i> , 2022, 255, 116. | 1.6 | 8 |
| 3207 | Potential of soybean resistance against <i>Phakopsora pachyrhizi</i> infection using phosphite combined with free amino acids. <i>Plant Pathology</i> , 2022, 71, 1496-1510. | 1.2 | 9 |
| 3208 | Bark Beetle Attack History Does Not Influence the Induction of Terpene and Phenolic Defenses in Mature Norway Spruce (<i>Picea abies</i>) Trees by the Bark Beetle-Associated Fungus <i>Endoconidiophora polonica</i> . <i>Frontiers in Plant Science</i> , 2022, 13, . | 1.7 | 4 |
| 3209 | Phenology-regulated defence mechanisms as drivers for <i>Fusarium</i> basal rot in onion (<i>Allium</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1.2 6 | 1.2 | 6 |
| 3210 | Ambiguities of PGPR-Induced Plant Signaling and Stress Management. <i>Frontiers in Microbiology</i> , 2022, 13, . | 1.5 | 13 |
| 3211 | Transcriptomic changes induced by applications of a commercial extract of <i>Ascophyllum nodosum</i> on tomato plants. <i>Scientific Reports</i> , 2022, 12, 8042. | 1.6 | 17 |
| 3212 | Chemical induction of leaf senescence and powdery mildew resistance involves ethylene-mediated chlorophyll degradation and ROS metabolism in cucumber. <i>Horticulture Research</i> , 2022, 9, . | 2.9 | 11 |
| 3213 | Plant Hormonomics: A Key Tool for Deep Physiological Phenotyping to Improve Crop Productivity. <i>Plant and Cell Physiology</i> , 2023, 63, 1826-1839. | 1.5 | 16 |
| 3214 | Phytobiome research: Recent trends and developments. , 2022, , 45-64. | | 0 |
| 3215 | Plant-pathogen interaction: Mechanisms and evolution. , 2022, , 655-687. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 3216 | The Identification and Characterization of Endopolygalacturonases in a South African Isolate of <i>Phytophthora cinnamomi</i> . <i>Microorganisms</i> , 2022, 10, 1061. | 1.6 | 0 |
| 3217 | Plant Secondary Metabolites as a Tool to Investigate Biotic Stress Tolerance in Plants: A Review. <i>Gesunde Pflanzen</i> , 2022, 74, 771-790. | 1.7 | 28 |
| 3218 | Microbiota manipulation through the secretion of effector proteins is fundamental to the wealth of lifestyles in the fungal kingdom. <i>FEMS Microbiology Reviews</i> , 2022, 46, . | 3.9 | 14 |
| 3219 | Stimulating secondary compound accumulation by elicitation: Is it a realistic tool in medicinal plants in vivo?. <i>Phytochemistry Reviews</i> , 2022, 21, 2007-2025. | 3.1 | 12 |
| 3220 | FytoSol, a Promising Plant Defense Elicitor, Controls Early Blight (<i>Alternaria solani</i>) Disease in the Tomato by Inducing Host Resistance-Associated Gene Expression. <i>Horticulturae</i> , 2022, 8, 484. | 1.2 | 2 |
| 3221 | Altered within- and between-host transmission under coinfection underpin parasite co-occurrence patterns in the wild. <i>Evolutionary Ecology</i> , 2023, 37, 131-151. | 0.5 | 3 |
| 3222 | Co-Occurrence Patterns of <i>Ustilago nuda</i> and <i>Pyrenophora graminea</i> and Fungicide Contribution to Yield Gain in Barley under Fluctuating Climatic Conditions in Serbia. <i>Journal of Fungi (Basel)</i> , 2022, 8, 484. | 1.2 | 2 |
| 3223 | Unraveling Plant Cell Death during <i>Phytophthora</i> Infection. <i>Microorganisms</i> , 2022, 10, 1139. | 1.6 | 8 |
| 3224 | Melatonin as a regulator of plant ionic homeostasis: implications for abiotic stress tolerance. <i>Journal of Experimental Botany</i> , 2022, 73, 5886-5902. | 2.4 | 26 |
| 3225 | Infection Strategies and Pathogenicity of Biotrophic Plant Fungal Pathogens. <i>Frontiers in Microbiology</i> , 2022, 13, . | 1.5 | 17 |
| 3226 | New aspects of DNA recognition by group II WRKY transcription factor revealed by structural and functional study of AtWRKY18 DNA binding domain. <i>International Journal of Biological Macromolecules</i> , 2022, 213, 589-601. | 3.6 | 9 |
| 3227 | A Panoramic View on Grapevine Trunk Diseases Threats: Case of <i>Eutypa Dieback</i> , <i>Botryosphaeria Dieback</i> , and <i>Esca</i> Disease. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 595. | 1.5 | 23 |
| 3232 | Asexually propagated <i>Agave tequilana</i> Weber var. azul exhibits variation in genetic markers and defence responses to <i>Fusarium solani</i> . <i>AoB PLANTS</i> , 0, , . | 1.2 | 0 |
| 3233 | Assessment of Rice Sheath Blight Resistance Including Associations with Plant Architecture, as Revealed by Genome-Wide Association Studies. <i>Rice</i> , 2022, 15, . | 1.7 | 7 |
| 3234 | 2000-2019: Twenty Years of Highly Influential Publications in Molecular Plant Immunity. <i>Molecular Plant-Microbe Interactions</i> , 2022, 35, 748-754. | 1.4 | 3 |
| 3235 | Phytohormones in galls on eucalypt trees and in the gall-forming wasp <i>Leptocybe invasa</i> (Hymenoptera: Eulophidae). <i>Agricultural and Forest Entomology</i> , 0, , . | 0.7 | 2 |
| 3236 | Effectiveness of Species- and Trichothecene-Specific Primers in Monitoring <i>Fusarium graminearum</i> Species Complex in Small Grain Pea Intercropping Systems. <i>Agriculture (Switzerland)</i> , 2022, 12, 834. | 1.4 | 0 |
| 3237 | Stress combination: When two negatives may become antagonistic, synergistic or additive for plants?. <i>Pedosphere</i> , 2023, 33, 287-300. | 2.1 | 3 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 3238 | The Promoter Analysis of VvPR1 Gene: A Candidate Gene Identified through Transcriptional Profiling of Methyl Jasmonate Treated Grapevine (<i>Vitis vinifera</i> L.). <i>Plants</i> , 2022, 11, 1540. | 1.6 | 4 |
| 3239 | Transcriptome Analysis Reveals that Exogenous Melatonin Confers <i>Lilium</i> Disease Resistance to <i>Botrytis elliptica</i> . <i>Frontiers in Genetics</i> , 0, 13, . | 1.1 | 9 |
| 3240 | Multi-Omics Analysis Reveals a Regulatory Network of ZmCCT During Maize Resistance to <i>Gibberella</i> Stalk Rot at the Early Stage. <i>Frontiers in Plant Science</i> , 0, 13, . | 1.7 | 1 |
| 3241 | CYSTEINE-RICH RECEPTOR-LIKE KINASE5 (CRK5) and CRK22 regulate the response to <i>Verticillium dahliae</i> toxins. <i>Plant Physiology</i> , 2022, 190, 714-731. | 2.3 | 8 |
| 3242 | Infection by endophytic <i>Epichloa sibirica</i> was associated with activation of defense hormone signal transduction pathways and enhanced pathogen resistance in the grass <i>Achnatherum sibiricum</i> . <i>Phytopathology</i> , 0, , . | 1.1 | 2 |
| 3243 | Roles of Arbuscular mycorrhizal Fungi as a Biocontrol Agent in the Control of Plant Diseases. <i>Microorganisms</i> , 2022, 10, 1266. | 1.6 | 43 |
| 3244 | Activation of plant immunity by exposure to dinitrogen pentoxide gas generated from air using plasma technology. <i>PLoS ONE</i> , 2022, 17, e0269863. | 1.1 | 4 |
| 3245 | New molecules in plant defence against pathogens. <i>Essays in Biochemistry</i> , 0, , . | 2.1 | 11 |
| 3246 | Identification of novel associations of candidate genes with resistance to <i>Rhizoctonia solani</i> AG-3PT in <i>Solanum tuberosum</i> stem canker. <i>International Journal of Biological Macromolecules</i> , 2022, 215, 321-333. | 3.6 | 9 |
| 3247 | Deciphering the role of phytohormones in the regulation of arbuscular mycorrhizal fungal symbiosis and mechanisms involved. , 2022, , 427-447. | | 0 |
| 3248 | Chitin and chitosan as elicitors in sustainable production of medicinal crops. , 2022, , 413-426. | | 0 |
| 3249 | Abiotic factors affecting forest tree health. , 2022, , 77-97. | | 0 |
| 3250 | Basic concepts and principles of forest pathology. , 2022, , 3-15. | | 0 |
| 3251 | The Applications of Genomics and Transcriptomics Approaches for Biotic Stress Tolerance in Crops. , 2022, , 93-122. | | 0 |
| 3252 | Differing Responses to <i>Phytophthora cinnamomi</i> Infection in Susceptible and Partially Resistant <i>Persea americana</i> (Mill.) Rootstocks: A Case for the Role of Receptor-Like Kinases and Apoplastic Proteases. <i>Frontiers in Plant Science</i> , 0, 13, . | 1.7 | 5 |
| 3253 | The Necrotroph <i>Botrytis cinerea</i> BcSpd1 Plays a Key Role in Modulating Both Fungal Pathogenic Factors and Plant Disease Development. <i>Frontiers in Plant Science</i> , 0, 13, . | 1.7 | 4 |
| 3254 | Transcriptome Analysis Reveals the Response Mechanism of Frl-Mediated Resistance to <i>Fusarium oxysporum</i> f. sp. <i>radicis-lycopersici</i> (FORL) Infection in Tomato. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7078. | 1.8 | 3 |
| 3255 | The Black Necrotic Lesion Enhanced <i>Fusarium graminearum</i> Resistance in Wheat. <i>Frontiers in Plant Science</i> , 0, 13, . | 1.7 | 2 |

| # | ARTICLE | IF | CITATIONS |
|------|--|------|-----------|
| 3256 | Increasing the resilience of plant immunity to a warming climate. <i>Nature</i> , 2022, 607, 339-344. | 13.7 | 72 |
| 3257 | A Case of Plant Vaccination: Enhancement of Plant Immunity against <i>Verticillium dahliae</i> by Necrotized Spores of the Pathogen. <i>Plants</i> , 2022, 11, 1691. | 1.6 | 0 |
| 3258 | The secret life of insect-associated microbes and how they shape insect-plant interactions. <i>FEMS Microbiology Ecology</i> , 2022, 98, . | 1.3 | 21 |
| 3259 | Characterization and evaluation of bioformulation from antagonistic and flower inducing <i>Trichoderma asperellum</i> isolate UCRD5. <i>Biocatalysis and Agricultural Biotechnology</i> , 2022, 43, 102437. | 1.5 | 3 |
| 3260 | A detailed landscape of CRISPR-Cas-mediated plant disease and pest management. <i>Plant Science</i> , 2022, 323, 111376. | 1.7 | 43 |
| 3261 | Transcriptome changes associated with apple (<i>Malus domestica</i>) root defense response after <i>Fusarium proliferatum</i> f. sp. <i>malus domestica</i> infection. <i>BMC Genomics</i> , 2022, 23, . | 1.2 | 9 |
| 3262 | <sc>NLR</sc> we there yet? Nucleocytoplasmic coordination of <sc>NLR</sc>-mediated immunity. <i>New Phytologist</i> , 2022, 236, 24-42. | 3.5 | 12 |
| 3263 | Vulnerability of non-native invasive plants to novel pathogen attack: do plant traits matter?. <i>Biological Invasions</i> , 2022, 24, 3349-3379. | 1.2 | 2 |
| 3264 | Transcriptomics Advancement in the Complex Response of Plants to Viroid Infection. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7677. | 1.8 | 3 |
| 3265 | Transcriptional Analysis on Resistant and Susceptible Kiwifruit Genotypes Activating Different Plant-Immunity Processes against <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 7643. | 1.8 | 4 |
| 3266 | Regulation of jasmonate signaling by reversible acetylation of TOPLESS in <i>Arabidopsis</i> . <i>Molecular Plant</i> , 2022, 15, 1329-1346. | 3.9 | 23 |
| 3267 | Biological Control Efficacy and Action Mechanism of <i>Klebsiella pneumoniae</i> JCK-2201 Producing Meso-2,3-Butanediol Against Tomato Bacterial Wilt. <i>Frontiers in Microbiology</i> , 0, 13, . | 1.5 | 7 |
| 3268 | Hormonal and Metabolomic Responses of <i>Dendrobium catenatum</i> to Infection with the Southern Blight Pathogen <i>Sclerotium delphinii</i> . <i>Phytopathology</i> , 2023, 113, 70-79. | 1.1 | 1 |
| 3269 | BcOPR3 mediates defense responses to biotrophic and necrotrophic pathogens in <i>Arabidopsis</i> and non-heading Chinese cabbage. <i>Phytopathology</i> , 0, , . | 1.1 | 0 |
| 3270 | Evaluating Nicotinamide Adenine Dinucleotide for Its Effects on Halo Blight of Snap Bean. <i>Plant Disease</i> , 2023, 107, 675-681. | 0.7 | 2 |
| 3272 | Gene Expression, Histology and Histochemistry in the Interaction between <i>Musa</i> sp. and <i>Pseudocercospora fijiensis</i> . <i>Plants</i> , 2022, 11, 1953. | 1.6 | 0 |
| 3273 | Ethylene Plays a Dual Role during Infection by <i>Plasmodiophora brassicae</i> of <i>Arabidopsis thaliana</i> . <i>Genes</i> , 2022, 13, 1299. | 1.0 | 2 |
| 3274 | Potato late blight caused by <i>Phytophthora infestans</i> : From molecular interactions to integrated management strategies. <i>Journal of Integrative Agriculture</i> , 2022, 21, 3456-3466. | 1.7 | 19 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 3275 | Genome-wide identification and expression analysis of the SINAC gene family in tomato based on a high-quality genome. <i>Horticulture Environment and Biotechnology</i> , 0, , . | 0.7 | 0 |
| 3276 | A Global Transcriptome and Co-expression Analysis Reveals Robust Host Defense Pathway Reprogramming and Identifies Key Regulators of Early Phases of <i>Cicer-Ascochyta</i> Interactions. <i>Molecular Plant-Microbe Interactions</i> , 2022, 35, 1034-1047. | 1.4 | 5 |
| 3277 | Ambivalent response in pathogen defense: A double-edged sword?. <i>Plant Communications</i> , 2022, 3, 100415. | 3.6 | 4 |
| 3278 | Alteration of plant immunity in the interaction of roots with the endophytic fungus <i>Phomopsis liquidambaris</i> in response to external nitrogen conditions. <i>Environmental Microbiology Reports</i> , 2022, 14, 742-754. | 1.0 | 1 |
| 3279 | Coexpression Network Analysis Based Characterisation of the R2R3-MYB Family Genes in Tolerant Poplar Infected with <i>Melampsora larici-populina</i> . <i>Forests</i> , 2022, 13, 1255. | 0.9 | 1 |
| 3281 | Inducible expression of truncated NAC62 provides tolerance against <i>Alternaria brassicicola</i> and imparts developmental changes in Indian mustard. <i>Plant Science</i> , 2022, 324, 111425. | 1.7 | 2 |
| 3282 | Understanding Molecular Plant-Nematode Interactions to Develop Alternative Approaches for Nematode Control. <i>Plants</i> , 2022, 11, 2141. | 1.6 | 18 |
| 3283 | Single, but not dual, attack by a biotrophic pathogen and a sap-sucking insect affects the oak leaf metabolome. <i>Frontiers in Plant Science</i> , 0, 13, . | 1.7 | 0 |
| 3284 | Multi-Omics Approaches to Improve Clubroot Resistance in Brassica with a Special Focus on Brassica oleracea L.. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9280. | 1.8 | 4 |
| 3285 | TMT-based quantitative membrane proteomics identified PRRs potentially involved in the perception of MSP1 in rice leaves. <i>Journal of Proteomics</i> , 2022, 267, 104687. | 1.2 | 12 |
| 3286 | The regulation of <i>Alternaria alternata</i> resistance by LRR-RK4 through ERF109, defensin19 and phytoalexin scopoletin in <i>Nicotiana attenuata</i> . <i>Plant Science</i> , 2022, 323, 111414. | 1.7 | 1 |
| 3287 | Expression patterns of the poplar NF-Y gene family in response to <i>Alternaria alternata</i> and hormone treatment and the role of PdbNF-YA11 in disease resistance. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, . | 2.0 | 1 |
| 3288 | Ectomycorrhizal Fungi Modulate Biochemical Response against Powdery Mildew Disease in <i>Quercus robur</i> L.. <i>Forests</i> , 2022, 13, 1491. | 0.9 | 7 |
| 3289 | Crosstalk of nitro-oxidative stress and iron in plant immunity. <i>Free Radical Biology and Medicine</i> , 2022, 191, 137-149. | 1.3 | 8 |
| 3290 | The riddles of <i>Trichoderma</i> induced plant immunity. <i>Biological Control</i> , 2022, 174, 105037. | 1.4 | 14 |
| 3291 | Characterization and Pathogenicity of <i>Pseudopezalotiopsis vietnamensis</i> Causing Gray Blight of Wuyi Rock Tea (<i>Camellia sinensis</i>) in China and Specific Mechanisms of Disease Infection. <i>Phyton</i> , 2023, 92, 131-147. | 0.4 | 1 |
| 3292 | Grapevine WRKY transcription factors. <i>Fruit Research</i> , 2022, 2, 1-8. | 0.9 | 2 |
| 3293 | Role of Phytohormones in Plant-Microbial Interaction. <i>Signaling and Communication in Plants</i> , 2022, , 313-336. | 0.5 | 3 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 3294 | <i>Bacillus</i> -Secreted Oxalic Acid Induces Tomato Resistance Against Gray Mold Disease Caused by <i>Botrytis cinerea</i> by Activating the JA/ET Pathway. <i>Molecular Plant-Microbe Interactions</i> , 2022, 35, 659-671. | 1.4 | 5 |
| 3295 | Sigma factor binding protein 1 (CsSIB1) is a putative candidate of the major-effect QTL dm5.3 for downy mildew resistance in cucumber (<i>Cucumis sativus</i>). <i>Theoretical and Applied Genetics</i> , 2022, 135, 4197-4215. | 1.8 | 4 |
| 3296 | Comparative RNA-seq analysis reveals a critical role for ethylene in rose (<i>Rosa hybrida</i>) susceptible response to <i>Podosphaera pannosa</i> . <i>Frontiers in Plant Science</i> , 0, 13, . | 1.7 | 5 |
| 3297 | The interaction of the pathogen <i>Fusarium proliferatum</i> with <i>Trichoderma asperellum</i> characterized by transcriptome changes in apple rootstock roots. <i>Physiological and Molecular Plant Pathology</i> , 2022, 121, 101894. | 1.3 | 3 |
| 3298 | Jasmonic Acid and Salicylic Acid Levels in Defense Response of Azalea (<i>Rhododendron simsii</i> Hybrid) to Broad Mite (<i>Polyphagotarsonemus latus</i>). <i>Horticulturae</i> , 2022, 8, 840. | 1.2 | 0 |
| 3299 | Distinct Responses to Pathogenic and Symbiotic Microorganisms: The Role of Plant Immunity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10427. | 1.8 | 4 |
| 3301 | Physiological and transcriptomic analyses revealed gene networks involved in heightened resistance against tomato yellow leaf curl virus infection in salicylic acid and jasmonic acid treated tomato plants. <i>Frontiers in Microbiology</i> , 0, 13, . | 1.5 | 3 |
| 3302 | Plant defense elicitor, 2, 4-dichloro-6-[(E)-[(3-methoxyphenyl) imino] methyl] phenol (DPMP) and its mode of action against fungal pathogen <i>Alternaria solani</i> in tomato (<i>Solanum lycopersicum</i> L.). <i>Yuzuncu Yil University Journal of Agricultural Sciences</i> , 0, , 527-537. | 0.1 | 0 |
| 3303 | Endophytic <i>Metarhizium robertsii</i> suppresses the phytopathogen, <i>Cochliobolus heterostrophus</i> and modulates maize defenses. <i>PLoS ONE</i> , 2022, 17, e0272944. | 1.1 | 6 |
| 3305 | Lipid transfer proteins involved in plant-pathogen interactions and their molecular mechanisms. <i>Molecular Plant Pathology</i> , 2022, 23, 1815-1829. | 2.0 | 18 |
| 3306 | Manipulation of Senescence of Plants to Improve Biotic Stress Resistance. <i>Life</i> , 2022, 12, 1496. | 1.1 | 4 |
| 3308 | <i>In vivo</i> Imaging Enables Understanding of Seamless Plant Defense Responses to Wounding and Pathogen Attack. <i>Plant and Cell Physiology</i> , 2022, 63, 1391-1404. | 1.5 | 2 |
| 3309 | Jasmonate regulates plant resistance to <i>Pectobacterium brasiliense</i> by inducing indole glucosinolate biosynthesis. <i>Frontiers in Plant Science</i> , 0, 13, . | 1.7 | 5 |
| 3310 | Identification of effector CEP112 that promotes the infection of necrotrophic <i>Alternaria solani</i> . <i>BMC Plant Biology</i> , 2022, 22, . | 1.6 | 5 |
| 3311 | Jasmonate-based warfare between the pathogenic intruder and host plant: who wins?. <i>Journal of Experimental Botany</i> , 2023, 74, 1244-1257. | 2.4 | 8 |
| 3312 | A comprehensive review on genetic resistance of chickpea to ascochyta blight. , 2022, 104, 1337-1354. | | 3 |
| 3313 | Histone modification and chromatin remodeling in plant response to pathogens. <i>Frontiers in Plant Science</i> , 0, 13, . | 1.7 | 14 |
| 3315 | Remote Sensing: A New Tool for Disease Assessment in Crops. , 2022, , 47-67. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 3316 | Your package has arrived! <i>Trans</i> -Golgi Network component ECHIDNA regulates plant defenses. <i>Plant Physiology</i> , 0, . | 2.3 | 0 |
| 3317 | Comparative Analysis of Multiple GWAS Results Identifies Metabolic Pathways Associated with Resistance to <i>A. flavus</i> Infection and Aflatoxin Accumulation in Maize. <i>Toxins</i> , 2022, 14, 738. | 1.5 | 2 |
| 3318 | Genome-wide identification and expression analysis of <i>SBP-box</i> gene family reveal their involvement in hormone response and abiotic stresses in <i>Chrysanthemum nankingense</i> . <i>PeerJ</i> , 0, 10, e14241. | 0.9 | 2 |
| 3319 | A small knottin-like peptide negatively regulates in wheat to stripe rust resistance during early infection of wheat. <i>Crop Journal</i> , 2023, 11, 457-467. | 2.3 | 0 |
| 3320 | Impacts of corn intercropping with soybean, peanut and millet through different planting patterns on population dynamics and community diversity of insects under fertilizer reduction. <i>Frontiers in Plant Science</i> , 0, 13, . | 1.7 | 2 |
| 3321 | Herbivory modifies plant symbiont number and impact on host plant performance in the field. <i>Evolution; International Journal of Organic Evolution</i> , 0, , . | 1.1 | 1 |
| 3322 | Stomata at the crossroad of molecular interaction between biotic and abiotic stress responses in plants. <i>Frontiers in Plant Science</i> , 0, 13, . | 1.7 | 13 |
| 3324 | Comparative transcriptomic responses of European and Japanese larches to infection by <i>Phytophthora ramorum</i> . <i>BMC Plant Biology</i> , 2022, 22, . | 1.6 | 1 |
| 3325 | Tissue-specific transcriptome responses to <i>Fusarium</i> head blight and <i>Fusarium</i> root rot. <i>Frontiers in Plant Science</i> , 0, 13, . | 1.7 | 1 |
| 3326 | Hormone Changes in Tolerant and Susceptible Grapevine Leaves Under Powdery Mildew Infection. <i>Journal of Plant Growth Regulation</i> , 2023, 42, 3606-3614. | 2.8 | 2 |
| 3327 | Wheat Genes Associated with Different Types of Resistance against Stem Rust (<i>Puccinia graminis</i> Pers.). <i>Pathogens</i> , 2022, 11, 1157. | 1.2 | 5 |
| 3328 | Physiological and metabolic analyses provide insight into soybean seed resistance to <i>fusarium fujikuroi</i> causing seed decay. <i>Frontiers in Plant Science</i> , 0, 13, . | 1.7 | 2 |
| 3329 | Pyroloquinoline Quinone Treatment Induces Rice Resistance to Sheath Blight through Jasmonic Acid Pathway. <i>Agronomy</i> , 2022, 12, 2660. | 1.3 | 1 |
| 3330 | Role of reactive oxygen species in lesion mimic formation and conferred basal resistance to <i>Fusarium graminearum</i> in barley lesion mimic mutant 5386. <i>Frontiers in Plant Science</i> , 0, 13, . | 1.7 | 0 |
| 3332 | MnASI1 Mediates Resistance to <i>Botrytis cinerea</i> in Mulberry (<i>Morus notabilis</i>). <i>International Journal of Molecular Sciences</i> , 2022, 23, 13372. | 1.8 | 5 |
| 3333 | Transcriptome analysis reveals genes potentially related to maize resistance to <i>Rhizoctonia solani</i> . <i>Plant Physiology and Biochemistry</i> , 2022, 193, 78-89. | 2.8 | 7 |
| 3334 | Effect of prior drought and heat stress on <i>Camellia sinensis</i> transcriptome changes to <i>Ectropis oblique</i> (Lepidoptera: Geometridae) resistance. <i>Genomics</i> , 2022, 114, 110506. | 1.3 | 3 |
| 3336 | Putative genes and pathways for Vascular Streak Dieback resistance in cocoa (<i>Theobroma cacao</i> L.) identified through the characterization of linked markers. <i>Ecological Genetics and Genomics</i> , 2022, 25, 100147. | 0.3 | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 3337 | Transcriptomics in agricultural sciences: capturing changes in gene regulation during abiotic or biotic stress. , 2023, , 257-283. | | 0 |
| 3338 | Early-stage responses to <i>Plasmodiophora brassicae</i> at the transcriptome and metabolome levels in clubroot resistant and susceptible oilseed <i>Brassica napus</i> . <i>Molecular Omics</i> , 2022, 18, 991-1014. | 1.4 | 4 |
| 3339 | A plant growth-promoting bacteria <i>Priestia megaterium</i> JR48 induces plant resistance to the crucifer black rot via a salicylic acid-dependent signaling pathway. <i>Frontiers in Plant Science</i> , 0, 13, . | 1.7 | 4 |
| 3340 | Transcriptome Profiling of the Resistance Response of <i>Musa acuminata</i> subsp. <i>burmannicoides</i> , var. Calcutta 4 to <i>Pseudocercospora musae</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 13589. | 1.8 | 3 |
| 3341 | Plant Immunity Is Regulated by Biological, Genetic, and Epigenetic Factors. <i>Agronomy</i> , 2022, 12, 2790. | 1.3 | 1 |
| 3342 | Ecology of Powdery Mildews – Influence of Abiotic Factors on their Development and Epidemiology. <i>Critical Reviews in Plant Sciences</i> , 2022, 41, 365-390. | 2.7 | 6 |
| 3343 | Circadian Regulation of the <i>GLYCINE-RICH RNA-BINDING PROTEIN</i> Gene by the Master Clock Protein <i>CIRCADIAN CLOCK-ASSOCIATED 1</i> Is Important for Plant Innate Immunity. <i>Journal of Experimental Botany</i> , 0, , . | 2.4 | 1 |
| 3344 | Acetylation of a fungal effector that translocates host PR1 facilitates virulence. <i>ELife</i> , 0, 11, . | 2.8 | 11 |
| 3345 | Elaborating the Functional Roles of a Leucine-Rich Repeat Protein from <i>Arabidopsis thaliana</i> . <i>American Journal of Plant Sciences</i> , 2022, 13, 1381-1401. | 0.3 | 0 |
| 3346 | Advances in Durable Resistance to Diseases in Staple Food Crops: A Review. <i>Open Agriculture Journal</i> , 2022, 16, . | 0.3 | 0 |
| 3348 | Plant defense under Arctic light conditions: Can plants withstand invading pests?. <i>Frontiers in Plant Science</i> , 0, 13, . | 1.7 | 3 |
| 3349 | Genetic requirements for infection-specific responses in conferring disease resistance in <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 0, 13, . | 1.7 | 2 |
| 3350 | Climate change impedes plant immunity mechanisms. <i>Frontiers in Plant Science</i> , 0, 13, . | 1.7 | 12 |
| 3351 | Biotechnological Approaches to Increase the Bacterial and Fungal Disease Resistance in Potato. <i>Open Agriculture Journal</i> , 2022, 16, . | 0.3 | 2 |
| 3354 | Multiple infections influence the resistance of potato cultivars to late blight and potato cyst nematodes. <i>Plant Pathology</i> , 2023, 72, 667-676. | 1.2 | 0 |
| 3355 | Ethylene: A Master Regulator of Plant–Microbe Interactions under Abiotic Stresses. <i>Cells</i> , 2023, 12, 31. | 1.8 | 14 |
| 3356 | The NF-Y Transcription Factor Family in Watermelon: Re-Characterization, Assembly of CIN-FY Complexes, Hormone- and Pathogen-Inducible Expression and Putative Functions in Disease Resistance. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15778. | 1.8 | 0 |
| 3357 | Lactoferrin and its role in biotechnological strategies for plant defense against pathogens. <i>Transgenic Research</i> , 2023, 32, 1-16. | 1.3 | 3 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 3358 | An unexpected role for tomato threonine deaminase 2 in host defense against bacterial infection. <i>Plant Physiology</i> , 2023, 192, 527-545. | 2.3 | 4 |
| 3359 | Overexpression of auxin/indole-3-acetic acid gene MdIAA24 enhances <i>Glomerella</i> leaf spot resistance in apple (<i>Malus domestica</i>). <i>Horticultural Plant Journal</i> , 2024, 10, 15-24. | 2.3 | 4 |
| 3360 | Accessory Chromosomes of the <i>Fusarium oxysporum</i> Species Complex and Their Contribution to Host Niche Adaptation. , 2023, , 371-388. | | 2 |
| 3361 | Does Potassium (K ⁺) Contribute to High-Nitrate (NO ₃ ⁻) Weakening of a Plant's Defense System against Necrotrophic Fungi?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15631. | 1.8 | 1 |
| 3363 | Engineering Resistance against <i>Sclerotinia sclerotiorum</i> Using a Truncated NLR (TNx) and a Defense-Priming Gene. <i>Plants</i> , 2022, 11, 3483. | 1.6 | 0 |
| 3364 | Foliar Pathogen Infection Manipulates Soil Health through Root Exudate-Modified Rhizosphere Microbiome. <i>Microbiology Spectrum</i> , 2022, 10, . | 1.2 | 9 |
| 3365 | <i>Bacillus cereus</i> EC9 protects tomato against <i>Fusarium</i> wilt through JA/ET-activated immunity. <i>Frontiers in Plant Science</i> , 0, 13, . | 1.7 | 10 |
| 3366 | <i>Diplodia sapinea</i> infection reprograms foliar traits of its pine (<i>Pinus sylvestris</i> L.) host to death. <i>Tree Physiology</i> , 2023, 43, 611-629. | 1.4 | 1 |
| 3367 | Phytoextraction Potential of Sunn Hemp, Sunflower, and Marigold for Carbaryl Contamination: Hydroponic Experiment. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 16482. | 1.2 | 1 |
| 3368 | RNA-seq Gene Profiling Reveals Transcriptional Changes in the Late Phase during Compatible Interaction between a Korean Soybean Cultivar (<i>Glycine max</i> cv. Kwangan) and <i>Pseudomonas syringae</i> pv. <i>syringae</i> B728a. <i>Plant Pathology Journal</i> , 2022, 38, 603-615. | 0.7 | 1 |
| 3369 | Current and future trends in the biocontrol of postharvest diseases. <i>Critical Reviews in Food Science and Nutrition</i> , 0, , 1-13. | 5.4 | 6 |
| 3370 | Comparative Transcriptome and Co-Expression Network Analyses Reveal the Molecular Mechanism of Calcium-Deficiency-Triggered Tipburn in Chinese Cabbage (<i>Brassica rapa</i> L. ssp. <i>Pekinensis</i>). <i>Plants</i> , 2022, 11, 3555. | 1.6 | 0 |
| 3371 | Physiological and transcriptome profiling revealed defense networks during <i>Cladosporium fulvum</i> and tomato interaction at the early stage. <i>Frontiers in Plant Science</i> , 0, 13, . | 1.7 | 3 |
| 3373 | Mycoviral gene integration converts a plant pathogenic fungus into a biocontrol agent. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, . | 3.3 | 14 |
| 3374 | Beneficial Microorganisms as a Sustainable Alternative for Mitigating Biotic Stresses in Crops. <i>Stresses</i> , 2023, 3, 210-228. | 1.8 | 3 |
| 3375 | Host plant physiological transformation and microbial population heterogeneity as important determinants of the Soft Rot <i>Pectobacteriaceae</i> –plant interactions. <i>Seminars in Cell and Developmental Biology</i> , 2023, 148-149, 33-41. | 2.3 | 3 |
| 3376 | Contrasting responses of plant herbivory and disease to local and landscape drivers. <i>Plant and Soil</i> , 0, , . | 1.8 | 0 |
| 3377 | <i>Plasmopara viticola</i> RxLR effector PvAvh77 triggers cell death and governs immunity responses in grapevine. <i>Journal of Experimental Botany</i> , 2023, 74, 2047-2066. | 2.4 | 6 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 3378 | Rice Defense Responses Orchestrated by Oral Bacteria of the Rice Striped Stem Borer, <i>Chilo suppressalis</i> . <i>Rice</i> , 2023, 16, . | 1.7 | 4 |
| 3379 | Long-lasting memory of jasmonic acid-dependent immunity requires DNA demethylation and ARGONAUTE1. <i>Nature Plants</i> , 2023, 9, 81-95. | 4.7 | 11 |
| 3380 | Microbial fermentation products elicit salicylic acid or jasmonic acid related defence pathways in <i>Solanum lycopersicum</i> . <i>Horticulture Environment and Biotechnology</i> , 2023, 64, 669-681. | 0.7 | 1 |
| 3381 | <i>Helopeltis theivora</i> Responsive Transcriptomic Reprogramming Uncovers Long Non-coding RNAs as Possible Regulators of Primary and Secondary Metabolism in Tea Plant. <i>Journal of Plant Growth Regulation</i> , 0, , . | 2.8 | 1 |
| 3382 | Boosting Sustainable Agriculture by Arbuscular Mycorrhiza under Stress Condition: Mechanism and Future Prospective. <i>BioMed Research International</i> , 2022, 2022, 1-28. | 0.9 | 6 |
| 3383 | <i>Arabidopsis</i> Î ² -amylase 3 affects cell wall architecture and resistance against <i>Fusarium oxysporum</i> . <i>Physiological and Molecular Plant Pathology</i> , 2023, 124, 101945. | 1.3 | 0 |
| 3384 | Previous interaction with phytopathogenic bacteria alters the response of <i>Arabidopsis</i> against <i>Tetranychus urticae</i> herbivory. <i>Journal of Plant Interactions</i> , 2023, 18, . | 1.0 | 0 |
| 3385 | Microbiome Role in Control of Sustenance of Rice Health and Production. , 2021, , 335-393. | | 1 |
| 3386 | Conventional and new-breeding technologies for improving disease resistance in lentil (<i>Lens</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 422 | 1.7 | 4 |
| 3387 | Changes in plant secondary metabolite profiles in response to environmental stresses. , 2023, , 325-339. | | 0 |
| 3388 | The flowering time regulator FLK controls pathogen defense in <i>Arabidopsis thaliana</i> . <i>Plant Physiology</i> , 2023, 191, 2461-2474. | 2.3 | 4 |
| 3389 | A non-ÎA producing oxophytodienoate reductase functions in salicylic acid-mediated antagonism with jasmonic acid during pathogen attack. <i>Molecular Plant Pathology</i> , 2023, 24, 725-741. | 2.0 | 4 |
| 3390 | Ethylene and biotic stress in crops. , 2023, , 221-232. | | 0 |
| 3391 | Bacterial elicitors of the plant immune system: An overview and the way forward. <i>Plant Stress</i> , 2023, 7, 100138. | 2.7 | 12 |
| 3392 | Symbiotic Relationships with Fungi: From Mutualism to Parasitism. , 2023, , 375-413. | | 1 |
| 3393 | Biocontrol features of <i>Pseudomonas syringae</i> B-1 against <i>Botryosphaeria dothidea</i> in apple fruit. <i>Frontiers in Microbiology</i> , 0, 14, . | 1.5 | 2 |
| 3394 | An overview of plant resistance to plant-pathogenic bacteria. <i>Tropical Plant Pathology</i> , 2023, 48, 243-259. | 0.8 | 2 |
| 3395 | Plant extracellular self-DNA inhibits growth and induces immunity via the jasmonate signaling pathway. <i>Plant Physiology</i> , 2023, 192, 2475-2491. | 2.3 | 13 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 3396 | Impact of early insect herbivory on the invasive oak lace bug (<i>Corythucha arcuata</i> Say, 1832) in different oak species. <i>Arthropod-Plant Interactions</i> , 2023, 17, 363-371. | 0.5 | 1 |
| 3397 | Preliminary analysis reveals that RCF1 confers resistance to <i>Pseudomonas syringae</i> pv. tomato DC3000 but impairs <i>Botrytis cinerea</i> infection. <i>Physiological and Molecular Plant Pathology</i> , 2023, 125, 102002. | 1.3 | 0 |
| 3398 | Transcriptome analysis reveals resistance induced by Benzothiadiazole against soft rot in Chinese cabbage. <i>Scientia Horticulturae</i> , 2023, 315, 111978. | 1.7 | 3 |
| 3399 | Better living through phytochemistry: "Phytoavengins" and reappraising the production-focused dichotomy for defensive phytochemicals. <i>Physiological and Molecular Plant Pathology</i> , 2023, 125, 101978. | 1.3 | 6 |
| 3400 | Chitosan triggers tolerance to <i>Pythium myriotylum</i> infection in ginger (<i>Zingiber officinale</i>) by modulating multiple defense signaling pathways. <i>Physiological and Molecular Plant Pathology</i> , 2023, 125, 101983. | 1.3 | 3 |
| 3401 | Extracellular self-DNA induced a PTI-related local defence against <i>Rhizopus</i> rot in postharvest peach fruit. <i>Postharvest Biology and Technology</i> , 2023, 200, 112306. | 2.9 | 3 |
| 3402 | Potential role of a maize metallothionein gene in pest resistance. <i>Plant Gene</i> , 2023, 34, 100409. | 1.4 | 1 |
| 3403 | Impact of fruit bagging and postharvest storage conditions on quality and decay of organic nectarines. <i>Biological Agriculture and Horticulture</i> , 2023, 39, 36-50. | 0.5 | 0 |
| 3405 | Unravelling the mechanism of <i>Fusarium</i> wilt resistance in chickpea seedlings using biochemical studies and expression analysis of NBS-LRR and WRKY genes. <i>Physiological and Molecular Plant Pathology</i> , 2023, 124, 101958. | 1.3 | 2 |
| 3406 | Mind the middleman: How receptor-like cytoplasmic kinases mediate plant immunity. <i>Plant Physiology</i> , 0, , . | 2.3 | 0 |
| 3407 | Stroke of luck! Antibody off-target leads to a mechanism for regulation of plant defenses. <i>Plant Physiology</i> , 0, , . | 2.3 | 0 |
| 3408 | Plant Microbiome: An Ocean of Possibilities for Improving Disease Resistance in Plants. <i>Microorganisms</i> , 2023, 11, 392. | 1.6 | 13 |
| 3409 | Plant Metabolites Affect <i>Fusarium proliferatum</i> Metabolism and In Vitro Fumonisin Biosynthesis. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3002. | 1.8 | 3 |
| 3410 | An updated assessment of the soybean "Phytophthora sojae" pathosystem. <i>Plant Pathology</i> , 2023, 72, 843-860. | 1.2 | 2 |
| 3411 | Comparative transcriptome and metabolome analyses of cherry leaves spot disease caused by <i>Alternaria alternata</i> . <i>Frontiers in Plant Science</i> , 0, 14, . | 1.7 | 9 |
| 3412 | Melatonin as a Possible Natural Anti-Viral Compound in Plant Biocontrol. <i>Plants</i> , 2023, 12, 781. | 1.6 | 10 |
| 3413 | PIF8 "WRKY42" mediated salicylic acid synthesis modulates red light induced powdery mildew resistance in oriental melon. <i>Plant, Cell and Environment</i> , 2023, 46, 1726-1742. | 2.8 | 6 |
| 3414 | Insights into the aggressiveness of the emerging North American population 3 (NA3) of <i>Fusarium graminearum</i> . <i>Plant Disease</i> , 0, , . | 0.7 | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 3415 | N-ε-hydroxytryptophan induces systemic acquired resistance and transcriptional reprogramming via TGA transcription factors. <i>Plant, Cell and Environment</i> , 2023, 46, 1900-1920. | 2.8 | 8 |
| 3416 | Is the best resistance strategy against begomoviruses yet to come? A Comprehensive Review. <i>Summa Phytopathologica</i> , 2022, 48, 151-157. | 0.3 | 1 |
| 3417 | Tea plant (<i>Camellia sinensis</i>) lipid metabolism pathway modulated by tea field microbe (<i>Colletotrichum camelliae</i>) to promote disease. <i>Horticulture Research</i> , 2023, 10, . | 2.9 | 2 |
| 3418 | Regulatory role of phytohormones in the interaction of plants with insect herbivores. , 2023, , 41-64. | | 0 |
| 3419 | Characterization and functional analyses of wheat TaPR1 genes in response to stripe rust fungal infection. <i>Scientific Reports</i> , 2023, 13, . | 1.6 | 10 |
| 3420 | Interaction between the key defense-related phytohormones and polyamines in crops. , 2023, , 249-264. | | 0 |
| 3421 | The main fungal pathogens and defense-related hormonal signaling in crops. , 2023, , 307-331. | | 0 |
| 3422 | Untargeted profiling of secondary metabolites and phytotoxins associated with stemphylium blight of lentil. <i>Planta</i> , 2023, 257, . | 1.6 | 1 |
| 3423 | PMT6 Is Required for SWC4 in Positively Modulating Pepper Thermotolerance. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4849. | 1.8 | 1 |
| 3424 | Dose-Dependent Effects of Antioxidants on Root-Knot Nematode Infection in Vegetable Crops and Dosage Standardization for Preventive Measures. <i>Agronomy</i> , 2023, 13, 746. | 1.3 | 1 |
| 3426 | Comprehensive transcriptome analysis of different potato cultivars provides insight into early blight disease caused by <i>Alternaria solani</i> . <i>BMC Plant Biology</i> , 2023, 23, . | 1.6 | 4 |
| 3427 | GIGANTEA suppresses wilt disease resistance by down-regulating the jasmonate signaling in <i>Arabidopsis thaliana</i> . <i>Frontiers in Plant Science</i> , 0, 14, . | 1.7 | 2 |
| 3428 | Role of gut symbionts of insect pests: A novel target for insect-pest control. <i>Frontiers in Microbiology</i> , 0, 14, . | 1.5 | 9 |
| 3429 | Image-based time series analysis to establish differential disease progression for two <i>Fusarium</i> head blight pathogens in oat spikelets with variable resistance. <i>Frontiers in Plant Science</i> , 0, 14, . | 1.7 | 1 |
| 3430 | SIWRKY30 and SIWRKY81 synergistically modulate tomato immunity to <i>Ralstonia solanacearum</i> by directly regulating <i>SIPR-STH2</i> . <i>Horticulture Research</i> , 2023, 10, . | 2.9 | 9 |
| 3431 | Integrative transcriptome and proteome analysis reveals maize responses to <i>Fusarium verticillioides</i> infection inside the stalks. <i>Molecular Plant Pathology</i> , 2023, 24, 693-710. | 2.0 | 7 |
| 3433 | Necrotrophic fungal infection affects indolic glucosinolate metabolism in <i>Brassica rapa</i> . <i>Acta Physiologiae Plantarum</i> , 2023, 45, . | 1.0 | 3 |
| 3434 | A successful defence strategy in grapevine cultivar 'Tocai friulano' provides compartmentation of grapevine Flavescence dorée phytoplasma. <i>BMC Plant Biology</i> , 2023, 23, . | 1.6 | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 3436 | Role of zinc in management of plant diseases: A review. <i>Cogent Food and Agriculture</i> , 2023, 9, . | 0.6 | 2 |
| 3437 | Wounding and methyl jasmonate increase cyanogenic glucoside concentrations in <i>Sorghum bicolor</i> via upregulation of biosynthesis. <i>Plant Biology</i> , 0, , . | 1.8 | 0 |
| 3438 | Knockout of amino acid transporter gene <i>OsLHT1</i> accelerates leaf senescence and enhances resistance to rice blast fungus. <i>Journal of Experimental Botany</i> , 0, , . | 2.4 | 0 |
| 3439 | Bioinformatics and Expression Analysis of the Chitinase Genes in Strawberry (<i>Fragaria vesca</i>) and Functional Study of FvChi-14. <i>Plants</i> , 2023, 12, 1543. | 1.6 | 3 |
| 3440 | Endogenous Salicylic acid Estimation in Wheat leaves treated with Salicylic acid and infected with <i>Alternaria triticina</i> . <i>Magħallat Al-Muātar Li-l-Ġulġm</i> , 2023, 38, 61-68. | 0.1 | 0 |
| 3442 | Dicer-like 3a mediates intergenerational resistance against root-knot nematodes in rice via hormone responses. <i>Plant Physiology</i> , 2023, 193, 2071-2085. | 2.3 | 1 |
| 3443 | Inhibition of ROS-Scavenging Enzyme System Is a Key Event in Tomato Genetic Resistance against Root-Knot Nematodes. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7324. | 1.8 | 1 |
| 3444 | A Fine-Tuning of the Plant Hormones, Polyamines and Osmolytes by Ectomycorrhizal Fungi Enhances Drought Tolerance in Pedunculate Oak. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7510. | 1.8 | 3 |
| 3445 | Biochemical process associated with plants and beneficial microbes. , 2023, , 73-85. | | 0 |
| 3446 | Identification of <i>Fusarium oxysporum</i> f. sp. <i>lactucae</i> Race 1 as the Causal Agent of Lettuce Fusarium Wilt in Greece, Commercial Cultivars' Susceptibility, and Temporal Expression of Defense-Related Genes. <i>Microorganisms</i> , 2023, 11, 1082. | 1.6 | 2 |
| 3447 | Engineering crop resistance to biotic stresses. , 2023, , 171-220. | | 0 |
| 3448 | Peeking into plant-microbe interactions during plant defense. , 2023, , 167-200. | | 0 |
| 3449 | Climate change-induced alteration in biotic environment and its effect on cereal and pseudocereal quality. , 2023, , 359-380. | | 1 |
| 3454 | Deciphering the Role of Growth-Promoting Bacterial Endophytes in Harmonizing Plant Health. <i>Rhizosphere Biology</i> , 2023, , 265-300. | 0.4 | 1 |
| 3455 | Genomics of Host-Pathogen Interaction. , 2023, , 297-501. | | 1 |
| 3456 | Biometabolomics of Crucifer's Host-Pathosystem. , 2023, , 729-797. | | 0 |
| 3468 | The pivotal role of MYB transcription factors in plant disease resistance. <i>Planta</i> , 2023, 258, . | 1.6 | 4 |
| 3473 | Development of tolerance by <i>Macrophomina phaseolina</i> against fungicide, insecticide, and drought. , 2024, , 225-240. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 3474 | Use of plant-defense hormones against pathogen diseases. , 2023, , 305-334. | | 0 |
| 3500 | Plant immune system: Mechanisms and resilience. , 2024, , 9-21. | | 0 |
| 3512 | The pivotal roles of gut microbiota in insect plant interactions for sustainable pest management. Npj Biofilms and Microbiomes, 2023, 9, . | 2.9 | 8 |
| 3519 | The role of nitric oxide in systemic responses of plants. , 2023, , 217-231. | | 0 |
| 3532 | Resistance: the phenotype. , 2024, , 21-65. | | 0 |
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| 3563 | Black scurf of potato: Insights into biology, diagnosis, detection, host-pathogen interaction, and management strategies. Tropical Plant Pathology, 0, , . | 0.8 | 1 |
| 3564 | Molecular Events and Defence Mechanism Against Biotic Stress Induced by Bio-Priming of Beneficial Microbes. Microorganisms for Sustainability, 2023, , 61-87. | 0.4 | 0 |
| 3573 | Silicon - A Potential Alternative in Insect Pest Management for Sustainable Agriculture. Silicon, 0, , . | 1.8 | 0 |
| 3575 | Defensive Strategies of ROS in Plantâ€“Pathogen Interactions. , 2023, , 163-183. | | 0 |
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| # | ARTICLE | IF | CITATIONS |
|------|--|----|-----------|
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