

Wei Wang

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,218
citations

393982

19
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395343

33
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41
all docs

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docs citations

41
times ranked

1175
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Biological Control of <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> Tropical Race 4 in Banana Plantlets Using Newly Isolated <i>Streptomyces</i> sp. WHL7 from Marine Soft Coral. <i>Plant Disease</i> , 2022, 106, 254-259. | 0.7 | 13 |
| 2 | Biocontrol potential of a newly isolated <i>Streptomyces</i> sp. HSL-9B from mangrove forest on postharvest anthracnose of mango fruit caused by <i>Colletotrichum gloeosporioides</i> . <i>Food Control</i> , 2022, 135, 108836. | 2.8 | 17 |
| 3 | FocECM33, a GPI-anchored protein, regulates vegetative growth and virulence in <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> tropical race 4. <i>Fungal Biology</i> , 2022, 126, 213-223. | 1.1 | 5 |
| 4 | Genome-wide analysis of HAK/KUP/KT potassium transporter genes in banana (<i>Musa acuminata</i> L.) and their tissue-specific expression profiles under potassium stress. <i>Plant Growth Regulation</i> , 2022, 97, 51-60. | 1.8 | 5 |
| 5 | Potential Biological Control of Endophytic <i>Streptomyces</i> sp. 5-4 Against <i>Fusarium</i> Wilt of Banana Caused by <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> Tropical Race 4. <i>Phytopathology</i> , 2022, 112, 1877-1885. | 1.1 | 4 |
| 6 | <i>Acetobacter orientalis</i> XJC-C with a high lignocellulosic biomass-degrading ability improves significantly composting efficiency of banana residues by increasing metabolic activity and functional diversity of bacterial community. <i>Bioresource Technology</i> , 2021, 324, 124661. | 4.8 | 20 |
| 7 | Biological control of banana wilt disease caused by <i>Fusarium oxysporum</i> f. sp. <i>Cubense</i> using <i>Streptomyces</i> sp. H4. <i>Biological Control</i> , 2021, 155, 104524. | 1.4 | 27 |
| 8 | The M35 Metalloprotease Effector FocM35_1 Is Required for Full Virulence of <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> Tropical Race 4. <i>Pathogens</i> , 2021, 10, 670. | 1.2 | 14 |
| 9 | Biocontrol efficacy and possible mechanism of <i>Streptomyces</i> sp. H4 against postharvest anthracnose caused by <i>Colletotrichum fragariae</i> on strawberry fruit. <i>Postharvest Biology and Technology</i> , 2021, 175, 111401. | 2.9 | 56 |
| 10 | A Novel Antifungal Actinomycete <i>Streptomyces</i> sp. Strain H3-2 Effectively Controls Banana <i>Fusarium</i> Wilt. <i>Frontiers in Microbiology</i> , 2021, 12, 706647. | 1.5 | 21 |
| 11 | Biocontrol Ability and Mechanism of a Broad-Spectrum Antifungal Strain <i>Bacillus safensis</i> sp. QN1NO-4 Against Strawberry Anthracnose Caused by <i>Colletotrichum fragariae</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 735732. | 1.5 | 7 |
| 12 | Isolation and Evaluation of Rhizosphere Actinomycetes With Potential Application for Biocontrolling <i>Fusarium</i> Wilt of Banana Caused by <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> Tropical Race 4. <i>Frontiers in Microbiology</i> , 2021, 12, 763038. | 1.5 | 8 |
| 13 | Identification and Antifungal Mechanism of a Novel Actinobacterium <i>Streptomyces huiliensis</i> sp. nov. Against <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> Tropical Race 4 of Banana. <i>Frontiers in Microbiology</i> , 2021, 12, 722661. | 1.5 | 7 |
| 14 | A Newly Isolated <i>Streptomyces</i> sp. YYS-7 With a Broad-Spectrum Antifungal Activity Improves the Banana Plant Resistance to <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> Tropical Race 4. <i>Frontiers in Microbiology</i> , 2020, 11, 1712. | 1.5 | 45 |
| 15 | Newly Isolated <i>Streptomyces</i> sp. JBS5-6 as a Potential Biocontrol Agent to Control Banana <i>Fusarium</i> Wilt: Genome Sequencing and Secondary Metabolite Cluster Profiles. <i>Frontiers in Microbiology</i> , 2020, 11, 602591. | 1.5 | 32 |
| 16 | Biodegradation of lignocellulosic agricultural residues by a newly isolated <i>Fictibacillus</i> sp. YS-26 improving carbon metabolic properties and functional diversity of the rhizosphere microbial community. <i>Bioresource Technology</i> , 2020, 310, 123381. | 4.8 | 27 |
| 17 | Anti-Foc RT4 Activity of a Newly Isolated <i>Streptomyces</i> sp. 5â€™10 From a Medicinal Plant (<i>Curculigo</i>) Tj ETQq1 1 0,784314 rgBT /Over | 1.5 | 18 |
| 18 | <i>Flammeovirga agarivorans</i> sp. nov., an agar-digesting marine bacterium isolated from surface seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 6060-6066. | 0.8 | 8 |

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|----|--|-----|-----------|
| 19 | Effects of exogenous plant hormones on sugar accumulation and related enzyme activities during the development of longan (<i>Dimocarpus Longan</i> Lour.) fruits. <i>Journal of Horticultural Science and Biotechnology</i> , 2019, 94, 790-797. | 0.9 | 4 |
| 20 | Identification of Long Non-Coding RNAs and the Regulatory Network Responsive to Arbuscular Mycorrhizal Fungi Colonization in Maize Roots. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4491. | 1.8 | 22 |
| 21 | Taxonomy and Broad-Spectrum Antifungal Activity of <i>Streptomyces</i> sp. SCA3-4 Isolated From Rhizosphere Soil of <i>Opuntia stricta</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 1390. | 1.5 | 74 |
| 22 | Genome-wide characterization of a SRO gene family involved in response to biotic and abiotic stresses in banana (<i>Musa</i> spp.). <i>BMC Plant Biology</i> , 2019, 19, 211. | 1.6 | 18 |
| 23 | The LYSIN MOTIF-CONTAINING RECEPTOR-LIKE KINASE 1 protein of banana is required for perception of pathogenic and symbiotic signals. <i>New Phytologist</i> , 2019, 223, 1530-1546. | 3.5 | 27 |
| 24 | Identification of Arbuscular Mycorrhiza Fungi Responsive microRNAs and Their Regulatory Network in Maize. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3201. | 1.8 | 29 |
| 25 | Identification and Functional Characterization of a Maize Phosphate Transporter Induced by Mycorrhiza Formation. <i>Plant and Cell Physiology</i> , 2018, 59, 1683-1694. | 1.5 | 52 |
| 26 | Improvement of <i>Lotus japonicus</i> hairy root induction and development of a mycorrhizal symbiosis system. <i>Applications in Plant Sciences</i> , 2018, 6, e1141. | 0.8 | 6 |
| 27 | Proteomic analysis reveals large amounts of decomposition enzymes and major metabolic pathways involved in algicidal process of <i>Trametes versicolor</i> F21a. <i>Scientific Reports</i> , 2017, 7, 3907. | 1.6 | 25 |
| 28 | Systematic Identification, Evolution and Expression Analysis of the Zea mays PHT1 Gene Family Reveals Several New Members Involved in Root Colonization by Arbuscular Mycorrhizal Fungi. <i>International Journal of Molecular Sciences</i> , 2016, 17, 930. | 1.8 | 113 |
| 29 | Electrochemical Determination of Tert-Butyl Hydroquinone in Edible Oil Samples at Poly (Crystal) Tj ETQq1 1 0.784314 rgBT /Overlock 1 | 1.3 | 20 |
| 30 | Metabolic responses of <i>Beauveria bassiana</i> to hydrogen peroxide-induced oxidative stress using an LC-MS-based metabolomics approach. <i>Journal of Invertebrate Pathology</i> , 2016, 137, 1-9. | 1.5 | 15 |
| 31 | Effects of chitosan/nano-silica on postharvest quality and antioxidant capacity of loquat fruit during cold storage. <i>Postharvest Biology and Technology</i> , 2016, 119, 41-48. | 2.9 | 142 |
| 32 | Physico-chemical properties of longan fruit during development and ripening. <i>Scientia Horticulturae</i> , 2016, 207, 160-167. | 1.7 | 16 |
| 33 | Integration of UV-C with antagonistic yeast treatment for controlling post-harvest disease and maintaining fruit quality of <i>Ananas comosus</i> . <i>BioControl</i> , 2016, 61, 591-603. | 0.9 | 19 |
| 34 | Identification of defense-related genes in banana roots infected by <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> tropical race 4. <i>Euphytica</i> , 2015, 205, 837-849. | 0.6 | 13 |
| 35 | Functional Properties of a Cysteine Proteinase from Pineapple Fruit with Improved Resistance to Fungal Pathogens in <i>Arabidopsis thaliana</i> . <i>Molecules</i> , 2014, 19, 2374-2389. | 1.7 | 28 |
| 36 | Functional analysis of chimeric lysin motif domain receptors mediating Nod factor-induced defense signaling in <i>Arabidopsis thaliana</i> and chitin-induced nodulation signaling in <i>Lotus japonicus</i> . <i>Plant Journal</i> , 2014, 78, 56-69. | 2.8 | 23 |

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|----|--|-----|-----------|
| 37 | OsPIN1a Gene Participates in Regulating Negative Phototropism of Rice Roots. <i>Rice Science</i> , 2014, 21, 83-89. | 1.7 | 10 |
| 38 | Effect of chitosan/nano-silica coating on the physicochemical characteristics of longan fruit under ambient temperature. <i>Journal of Food Engineering</i> , 2013, 118, 125-131. | 2.7 | 166 |
| 39 | Expression Patterns, Activities and Carbohydrate-Metabolizing Regulation of Sucrose Phosphate Synthase, Sucrose Synthase and Neutral Invertase in Pineapple Fruit during Development and Ripening. <i>International Journal of Molecular Sciences</i> , 2012, 13, 9460-9477. | 1.8 | 38 |
| 40 | Identification and evaluation of two diagnostic markers linked to Fusarium wilt resistance (race 4) in banana (<i>Musa spp.</i>). <i>Molecular Biology Reports</i> , 2012, 39, 451-459. | 1.0 | 24 |