Wei Wang

List of Publications by Year
in descending order

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40	1,218	394421 19	395702 33
papers	citations	h-index	g-index

41	41	41	1175
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biological Control of Fusarium oxysporum f. sp. cubense Tropical Race 4 in Banana Plantlets Using Newly Isolated Streptomyces sp. WHL7 from Marine Soft Coral. Plant Disease, 2022, 106, 254-259.	1.4	13
2	Biocontrol potential of a newly isolated Streptomyces sp. HSL-9B from mangrove forest on postharvest anthracnose of mango fruit caused by Colletotrichum gloeosporioides. Food Control, 2022, 135, 108836.	5.5	17
3	FocECM33, a GPI-anchored protein, regulates vegetative growth and virulence in Fusarium oxysporum f. sp. cubense tropical race 4. Fungal Biology, 2022, 126, 213-223.	2.5	5
4	Genome-wide analysis of HAK/KUP/KT potassium transporter genes in banana (Musa acuminata L.) and their tissue-specific expression profiles under potassium stress. Plant Growth Regulation, 2022, 97, 51-60.	3.4	5
5	Potential Biological Control of Endophytic Streptomyces sp. 5-4 Against Fusarium Wilt of Banana Caused by Fusarium oxysporum f. sp. cubense Tropical Race 4. Phytopathology, 2022, 112, 1877-1885.	2.2	4
6	Acetobacter orientalis 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. Bioresource Technology, 2021, 324, 124661.	9.6	20
7	Biological control of banana wilt disease caused by Fusarium oxyspoum f. sp. Cubense using Streptomyces sp. H4. Biological Control, 2021, 155, 104524.	3.0	27
8	The M35 Metalloprotease Effector FocM35_1 Is Required for Full Virulence of Fusarium oxysporum f. sp. cubense Tropical Race 4. Pathogens, 2021, 10, 670.	2.8	14
9	Biocontrol efficacy and possible mechanism of Streptomyces sp. H4 against postharvest anthracnose caused by Colletotrichum fragariae on strawberry fruit. Postharvest Biology and Technology, 2021, 175, 111401.	6.0	56
10	A Novel Antifungal Actinomycete Streptomyces sp. Strain H3-2 Effectively Controls Banana Fusarium Wilt. Frontiers in Microbiology, 2021, 12, 706647.	3.5	21
11	Biocontrol Ability and Mechanism of a Broad-Spectrum Antifungal Strain Bacillus safensis sp. QN1NO-4 Against Strawberry Anthracnose Caused by Colletotrichum fragariae. Frontiers in Microbiology, 2021, 12, 735732.	3.5	7
12	Isolation and Evaluation of Rhizosphere Actinomycetes With Potential Application for Biocontrolling Fusarium Wilt of Banana Caused by Fusarium oxysporum f. sp. cubense Tropical Race 4. Frontiers in Microbiology, 2021, 12, 763038.	3.5	8
13	Identification and Antifungal Mechanism of a Novel Actinobacterium Streptomyces huiliensis sp. nov. Against Fusarium oxysporum f. sp. cubense Tropical Race 4 of Banana. Frontiers in Microbiology, 2021, 12, 722661.	3.5	7
14	A Newly Isolated Streptomyces sp. YYS-7 With a Broad-Spectrum Antifungal Activity Improves the Banana Plant Resistance to Fusarium oxysporum f. sp. cubense Tropical Race 4. Frontiers in Microbiology, 2020, 11, 1712.	3.5	45
15	Newly Isolated Streptomyces sp. JBS5-6 as a Potential Biocontrol Agent to Control Banana Fusarium Wilt: Genome Sequencing and Secondary Metabolite Cluster Profiles. Frontiers in Microbiology, 2020, 11, 602591.	3.5	32
16	Biodegradation of lignocellulosic agricultural residues by a newly isolated Fictibacillus sp. YS-26 improving carbon metabolic properties and functional diversity of the rhizosphere microbial community. Bioresource Technology, 2020, 310, 123381.	9.6	27
17	Anti-Foc RT4 Activity of a Newly Isolated Streptomyces sp. 5â€“10 From a Medicinal Plant (Curculigo) Tj ETQq1 1 0.784314 rgBT /Ove	3.5	18
18	Flammeovirga agarivorans sp. nov., an agar-digesting marine bacterium isolated from surface seawater. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 6060-6066.	1.7	8

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19	Effects of exogenous plant hormones on sugar accumulation and related enzyme activities during the development of longan (Dimocarpus LonganLour.) fruits. Journal of Horticultural Science and Biotechnology, 2019, 94, 790-797.	1.9	4
20	Identification of Long Non-Coding RNAs and the Regulatory Network Responsive to Arbuscular Mycorrhizal Fungi Colonization in Maize Roots. International Journal of Molecular Sciences, 2019, 20, 4491.	4.1	22
21	Taxonomy and Broad-Spectrum Antifungal Activity of Streptomyces sp. SCA3-4 Isolated From Rhizosphere Soil of Opuntia stricta. Frontiers in Microbiology, 2019, 10, 1390.	3.5	74
22	Genome-wide characterization of a SRO gene family involved in response to biotic and abiotic stresses in banana (Musa spp.). BMC Plant Biology, 2019, 19, 211.	3.6	18
23	The <scp>LYSIN MOTIF</scp>â€<scp>CONTAINING RECEPTOR</scp>â€<scp>LIKE KINASE</scp> 1 protein of banana is required for perception of pathogenic and symbiotic signals. New Phytologist, 2019, 223, 1530-1546.	7.3	27
24	Identification of Arbuscular Mycorrhiza Fungi Responsive microRNAs and Their Regulatory Network in Maize. International Journal of Molecular Sciences, 2018, 19, 3201.	4.1	29
25	Identification and Functional Characterization of a Maize Phosphate Transporter Induced by Mycorrhiza Formation. Plant and Cell Physiology, 2018, 59, 1683-1694.	3.1	52
26	Improvement of Lotus japonicus hairy root induction and development of a mycorrhizal symbiosis system. Applications in Plant Sciences, 2018, 6, e1141.	2.1	6
27	Proteomic analysis reveals large amounts of decomposition enzymes and major metabolic pathways involved in algicidal process of Trametes versicolor F21a. Scientific Reports, 2017, 7, 3907.	3.3	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. International Journal of Molecular Sciences, 2016, 17, 930.	4.1	113
29	Electrochemical Determination of Tert-Butyl Hydroquinone in Edible Oil Samples at Poly (Crystal) Tj ETQq1 1 0.784314 rgBT /Overlock	2.6	20
30	Metabolic responses of Beauveria bassiana to hydrogen peroxide-induced oxidative stress using an LC-MS-based metabolomics approach. Journal of Invertebrate Pathology, 2016, 137, 1-9.	3.2	15
31	Effects of chitosan/nano-silica on postharvest quality and antioxidant capacity of loquat fruit during cold storage. Postharvest Biology and Technology, 2016, 119, 41-48.	6.0	142
32	Physico-chemical properties of longan fruit during development and ripening. Scientia Horticulturae, 2016, 207, 160-167.	3.6	16
33	Integration of UV-C with antagonistic yeast treatment for controlling post-harvest disease and maintaining fruit quality of Ananas comosus. BioControl, 2016, 61, 591-603.	2.0	19
34	Identification of defense-related genes in banana roots infected by Fusarium oxysporum f. sp. cubense tropical race 4. Euphytica, 2015, 205, 837-849.	1.2	13
35	Functional Properties of a Cysteine Proteinase from Pineapple Fruit with Improved Resistance to Fungal Pathogens in Arabidopsis thaliana. Molecules, 2014, 19, 2374-2389.	3.8	28
36	Functional analysis of chimeric lysin motif domain receptors mediating Nod factorâ€induced defense signaling in <scp>A</scp>rabidopsis thaliana and chitinâ€induced nodulation signaling in <scp>L</scp>otus japonicus. Plant Journal, 2014, 78, 56-69.	5.7	23

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37	OsPIN1a Gene Participates in Regulating Negative Phototropism of Rice Roots. Rice Science, 2014, 21, 83-89.	3.9	10
38	Effect of chitosan/nano-silica coating on the physicochemical characteristics of longan fruit under ambient temperature. Journal of Food Engineering, 2013, 118, 125-131.	5.2	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. International Journal of Molecular Sciences, 2012, 13, 9460-9477.	4.1	38
40	Identification and evaluation of two diagnostic markers linked to Fusarium wilt resistance (race 4) in banana (Musa spp.). Molecular Biology Reports, 2012, 39, 451-459.	2.3	24