

Xiao-Qin Wu

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papers

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citations

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h-index

24
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92
ext. papers

1,134
ext. citations

3.7
avg, IF

4.69
L-index

#	Paper	IF	Citations
75	Characteristics of Organic Acid Secretion Associated with the Interaction between WS-FJ9 and Poplar Root System. <i>BioMed Research International</i> , 2018 , 2018, 9619724	3	51
74	Specific and functional diversity of endophytic bacteria from pine wood nematode <i>Bursaphelenchus xylophilus</i> with different virulence. <i>International Journal of Biological Sciences</i> , 2013 , 9, 34-44	11.2	47
73	Isolation and characterization of two phosphate-solubilizing fungi from rhizosphere soil of moso bamboo and their functional capacities when exposed to different phosphorus sources and pH environments. <i>PLoS ONE</i> , 2018 , 13, e0199625	3.7	35
72	Malonylome analysis of rhizobacterium <i>Bacillus amyloliquefaciens</i> FZB42 reveals involvement of lysine malonylation in polyketide synthesis and plant-bacteria interactions. <i>Journal of Proteomics</i> , 2017 , 154, 1-12	3.9	28
71	Detection of the pine wood nematode using a real-time PCR assay to target the DNA topoisomerase I gene. <i>European Journal of Plant Pathology</i> , 2010 , 127, 89-98	2.1	27
70	Phosphate Solubilization and Gene Expression of Phosphate-Solubilizing Bacterium WS-FJ9 under Different Levels of Soluble Phosphate. <i>Journal of Microbiology and Biotechnology</i> , 2017 , 27, 844-855	3.3	27
69	Effect of GFP-tagging on nitrogen fixation and plant growth promotion of an endophytic diazotrophic strain of <i>Paenibacillus polymyxa</i> . <i>Botany</i> , 2017 , 95, 933-942	1.3	25
68	Micropropagation of <i>Pinus massoniana</i> and mycorrhiza formation in vitro. <i>Plant Cell, Tissue and Organ Culture</i> , 2010 , 102, 121-128	2.7	25
67	Effects of Soluble Phosphate on Phosphate-Solubilizing Characteristics and Expression of <i>gcd</i> Gene in <i>Pseudomonas frederiksbergensis</i> JW-SD2. <i>Current Microbiology</i> , 2016 , 72, 198-206	2.4	24
66	Deciphering the Molecular Variations of Pine Wood Nematode <i>Bursaphelenchus xylophilus</i> with Different Virulence. <i>PLoS ONE</i> , 2016 , 11, e0156040	3.7	24
65	Molecular characterization and functional analysis of three pathogenesis-related cytochrome P450 genes from <i>Bursaphelenchus xylophilus</i> (Tylenchida: Aphelenchoidoidea). <i>International Journal of Molecular Sciences</i> , 2015 , 16, 5216-34	6.3	23
64	Effects of ectomycorrhizal fungus <i>Boletus edulis</i> and mycorrhiza helper <i>Bacillus cereus</i> on the growth and nutrient uptake by <i>Pinus thunbergii</i> . <i>Biology and Fertility of Soils</i> , 2012 , 48, 385-391	6.1	23
63	dRNA-Seq Reveals Genomewide TSSs and Noncoding RNAs of Plant Beneficial Rhizobacterium <i>Bacillus amyloliquefaciens</i> FZB42. <i>PLoS ONE</i> , 2015 , 10, e0142002	3.7	22
62	Bacterial Diversity and Community Structure in the Pine Wood Nematode <i>Bursaphelenchus xylophilus</i> and <i>B. mucronatus</i> with Different Virulence by High-Throughput Sequencing of the 16S rDNA. <i>PLoS ONE</i> , 2015 , 10, e0137386	3.7	21
61	Specifically expressed genes of the nematode <i>Bursaphelenchus xylophilus</i> involved with early interactions with pine trees. <i>PLoS ONE</i> , 2013 , 8, e78063	3.7	21
60	NOS-like-mediated nitric oxide is involved in <i>Pinus thunbergii</i> response to the invasion of <i>Bursaphelenchus xylophilus</i> . <i>Plant Cell Reports</i> , 2012 , 31, 1813-21	5.1	18
59	The phosphate-solubilizing ability of and its effects on the growth of in phosphate-limiting conditions. <i>Biology Open</i> , 2019 , 8,	2.2	17

58	Effects of Endobacterium (<i>Stenotrophomonas maltophilia</i>) on Pathogenesis-Related Gene Expression of Pine Wood Nematode (<i>Bursaphelenchus xylophilus</i>) and Pine Wilt Disease. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	17
57	An Effector, BxSapB1, Induces Cell Death and Contributes to Virulence in the Pine Wood Nematode <i>Bursaphelenchus xylophilus</i> . <i>Molecular Plant-Microbe Interactions</i> , 2019 , 32, 452-463	3.6	17
56	Forest Tree Associated Bacterial Diffusible and Volatile Organic Compounds against Various Phytopathogenic Fungi. <i>Microorganisms</i> , 2020 , 8,	4.9	14
55	Isolation and characterization of a mycorrhiza helper bacterium from rhizosphere soils of poplar stands. <i>Biology and Fertility of Soils</i> , 2014 , 50, 593-601	6.1	14
54	Deep sequencing analyses of pine wood nematode <i>Bursaphelenchus xylophilus</i> microRNAs reveal distinct miRNA expression patterns during the pathological process of pine wilt disease. <i>Gene</i> , 2015 , 555, 346-56	3.8	13
53	Antifungal Effects of Volatile Organic Compounds Produced by JZ-GX1 Against in <i>Frontiers in Microbiology</i> , 2020 , 11, 1114	5.7	13
52	Walnut anthracnose caused by <i>Colletotrichum siamense</i> in China. <i>Australasian Plant Pathology</i> , 2017 , 46, 585-595	1.4	12
51	Identification, cloning and expression patterns of the genes related to phosphate solubilization in <i>Burkholderia multivorans</i> WS-FJ9 under different soluble phosphate levels. <i>AMB Express</i> , 2020 , 10, 108	4.1	12
50	Identification, Virulence and Fungicide Sensitivity of s.s. Responsible for Walnut Anthracnose Disease in China. <i>Plant Disease</i> , 2020 , 104, 1358-1368	1.5	12
49	Identification of Autophagy in the Pine Wood Nematode <i>Bursaphelenchus xylophilus</i> and the Molecular Characterization and Functional Analysis of Two Novel Autophagy-Related Genes, BxATG1 and BxATG8. <i>International Journal of Molecular Sciences</i> , 2016 , 17, 279	6.3	12
48	Influence of Bxpel1 Gene Silencing by dsRNA Interference on the Development and Pathogenicity of the Pine Wood Nematode, <i>Bursaphelenchus xylophilus</i> . <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	12
47	Regulation of Soluble Phosphate on the Ability of Phytate Mineralization and Propeller Phytase Gene Expression of <i>Pseudomonas fluorescens</i> JZ-DZ1, a Phytate-Mineralizing Rhizobacterium. <i>Current Microbiology</i> , 2016 , 73, 915-923	2.4	12
46	Cathepsin L-like Cysteine Proteinase Genes Are Associated with the Development and Pathogenicity of Pine Wood Nematode,. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	10
45	Differential effects of rapamycin on <i>Bursaphelenchus xylophilus</i> with different virulence and differential expression of autophagy genes under stresses in nematodes. <i>Acta Biochimica Et Biophysica Sinica</i> , 2019 , 51, 254-262	2.8	9
44	Role of Biofilm Formation by <i>Bacillus pumilus</i> HR10 in Biocontrol against Pine Seedling Damping-Off Disease Caused by <i>Rhizoctonia solani</i> . <i>Forests</i> , 2020 , 11, 652	2.8	9
43	BxCDP1 from the pine wood nematode <i>Bursaphelenchus xylophilus</i> is recognized as a novel molecular pattern. <i>Molecular Plant Pathology</i> , 2020 , 21, 923-935	5.7	9
42	A <i>Bursaphelenchus xylophilus</i> effector, Bx-FAR-1, suppresses plant defense and affects nematode infection of pine trees. <i>European Journal of Plant Pathology</i> , 2020 , 157, 637-650	2.1	8
41	Bacterial Communities and Virulence Associated with Pine Wood Nematode from Different spp. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	8

40	Effects of <i>Rahnella aquatilis</i> JZ-GX1 on Treat Chlorosis Induced by Iron Deficiency in <i>Cinnamomum camphora</i> . <i>Journal of Plant Growth Regulation</i> , 2020 , 39, 877-887	4.7	8
39	Identification of a novel effector BxSapB3 that enhances the virulence of pine wood nematode <i>Bursaphelenchus xylophilus</i> . <i>Acta Biochimica Et Biophysica Sinica</i> , 2019 , 51, 1071-1078	2.8	6
38	Autophagy contributes to resistance to the oxidative stress induced by pine reactive oxygen species metabolism, promoting infection by <i>Bursaphelenchus xylophilus</i> . <i>Pest Management Science</i> , 2020 , 76, 2755-2767	4.6	5
37	Diversity and Function of Endo-Bacteria in <i>Bursaphelenchus xylophilus</i> from <i>Pinus massoniana</i> Lamb. in Different Regions. <i>Forests</i> , 2020 , 11, 487	2.8	5
36	Expression Profiling of Autophagy Genes BxATG1 and BxATG8 under Biotic and Abiotic Stresses in Pine Wood Nematode <i>Bursaphelenchus xylophilus</i> . <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	5
35	Autophagy contributes to the feeding, reproduction, and mobility of <i>Bursaphelenchus xylophilus</i> at low temperatures. <i>Acta Biochimica Et Biophysica Sinica</i> , 2019 , 51, 864-872	2.8	5
34	The effect of endobacteria on the development and virulence of the pine wood nematode, <i>Bursaphelenchus xylophilus</i> . <i>Nematology</i> , 2015 , 17, 581-589	0.9	5
33	Salt Tolerance Mechanism and Species Identification of the Plant Rhizosphere Bacterium JYZ-SD2. <i>Current Microbiology</i> , 2020 , 77, 388-395	2.4	5
32	Salt Tolerance Mechanism of the Rhizosphere Bacterium JZ-GX1 and Its Effects on Tomato Seed Germination and Seedling Growth. <i>Frontiers in Microbiology</i> , 2021 , 12, 657238	5.7	5
31	Community and functional diversity of bacteria associated with propagative and dispersal forms of <i>Bursaphelenchus xylophilus</i> . <i>Nematology</i> , 2016 , 18, 1185-1198	0.9	5
30	Malonylome of the plant growth promoting rhizobacterium with potent biocontrol activity, FZB42. <i>Data in Brief</i> , 2017 , 10, 548-550	1.2	4
29	Effects of Different Culture Conditions on the Biofilm Formation of <i>Bacillus pumilus</i> HR10. <i>Current Microbiology</i> , 2020 , 77, 1405-1411	2.4	4
28	Two novel strains, <i>Bacillus albus</i> JK-XZ3 and <i>B. velezensis</i> JK-XZ8, with activity against <i>Cerasus</i> crown gall disease in Xuzhou, China. <i>Australasian Plant Pathology</i> , 2020 , 49, 127-136	1.4	4
27	Micropropagation of <i>Pinus densiflora</i> and the evaluation of nematode resistance of regenerated microshoots in vitro. <i>Journal of Forestry Research</i> , 2019 , 30, 519-528	2	4
26	Volatile Organic Compounds of the Plant Growth-Promoting Rhizobacteria JZ-GX1 Enhanced the Tolerance of to Salt Stress. <i>Frontiers in Plant Science</i> , 2021 , 12, 753332	6.2	4
25	A novel pine wood nematode effector, BxSCD1, suppresses plant immunity and interacts with an ethylene-forming enzyme in pine. <i>Molecular Plant Pathology</i> , 2021 , 22, 1399-1412	5.7	4
24	A key effector, BxSapB2, plays a role in the pathogenicity of the pine wood nematode <i>Bursaphelenchus xylophilus</i> . <i>Forest Pathology</i> , 2020 , 50, e12600	1.2	3
23	Molecular Characterization and Functional Analysis of Three Autophagy Genes, , , and , in. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	3

22	Profiling of differentially expressed genes in ectomycorrhizal fungus <i>Pisolithus tinctorius</i> responding to mycorrhiza helper <i>Brevibacillus reuszeri</i> MPT17. <i>Biologia (Poland)</i> , 2014 , 69, 435-442	1.5	3
21	Mycorrhizal formation of nine ectomycorrhizal fungi on poplar cuttings. <i>Frontiers of Forestry in China: Selected Publications From Chinese Universities</i> , 2008 , 3, 475-479		3
20	Characteristics and function of a novel cystatin gene in the pine wood nematode. <i>Biology Open</i> , 2019 , 8,	2.2	3
19	Enhanced Iron Uptake in Plants by Volatile Emissions of JZ-GX1. <i>Frontiers in Plant Science</i> , 2021 , 12, 7040000		3
18	Differentially Expressed Proteins From the Peritrophic Membrane Related to the Lethal, Synergistic Mechanisms Observed in <i>Hyphantria cunea</i> Larvae Treated With a Mixture of Bt and Chlorbenzuron. <i>Journal of Insect Science</i> , 2017 , 17,	2	2
17	Relationship between plant hormone level excreted by ectomycorrhizal fungi and growth of poplar NL-895. <i>Frontiers of Forestry in China: Selected Publications From Chinese Universities</i> , 2009 , 4, 236-241		2
16	A nested PCR assay targeting the DNA topoisomerase I gene to detect the pine wood nematode, <i>Bursaphelenchus xylophilus</i> . <i>Phytoparasitica</i> , 2010 , 38, 369-377	1.5	2
15	Mycorrhiza helper bacterium <i>Bacillus pumilus</i> HR10 the improves growth and nutritional status of <i>Pinus thunbergii</i> by promoting mycorrhizal proliferation. <i>Tree Physiology</i> , 2021 ,	4.2	2
14	New SigD-regulated genes identified in the rhizobacterium <i>Bacillus amyloliquefaciens</i> FZB42. <i>Biology Open</i> , 2016 , 5, 1776-1783	2.2	2
13	<i>Burkholderia pyrrocinia</i> strain JK-SH007 affects zinc (Zn) accumulation and translocation in tomato. <i>Archives of Agronomy and Soil Science</i> , 2021 , 67, 447-458	2	2
12	Resistance genes mediate differential resistance to pine defensive substances β -Pinene and H ₂ O ₂ in <i>Bursaphelenchus xylophilus</i> with different levels of virulence. <i>Journal of Forestry Research</i> , 2021 , 32, 1753-1762	2	2
11	First Report of leaf spot disease caused by <i>Colletotrichum gloeosporioides</i> on <i>Chaenomeles sinensis</i> in China. <i>Plant Disease</i> , 2021 ,	1.5	2
10	Discrimination of <i>Bursaphelenchus xylophilus</i> and <i>Bursaphelenchus mucronatus</i> by PCR-RFLP technique. <i>Frontiers of Forestry in China: Selected Publications From Chinese Universities</i> , 2007 , 2, 82-86		1
9	Transcriptome Analysis of <i>Bursaphelenchus xylophilus</i> Uncovers the Impact of <i>Stenotrophomonas maltophilia</i> on Nematode and Pine Wilt Disease. <i>Forests</i> , 2020 , 11, 908	2.8	1
8	Improvement of Sphaeropsis Shoot Blight Disease Resistance by Applying the Ectomycorrhizal Fungus sp. RL and Mycorrhizal Helper Bacterium HR10 to .. <i>Phytopathology</i> , 2022 , PHYTO09210392R	3.8	1
7	Adaptation of pine wood nematode, <i>Bursaphelenchus xylophilus</i> , early in its interaction with two <i>Pinus</i> species that differ in resistance. <i>Journal of Forestry Research</i> ,1	2	0
6	Comparative transcriptomic analysis of candidate effectors to explore the infection and survival strategy of <i>Bursaphelenchus xylophilus</i> during different interaction stages with pine trees. <i>BMC Plant Biology</i> , 2021 , 21, 224	5.3	0
5	<i>Bacillus velezensis</i> JK-XZ8 prevents and controls crown gall disease on <i>Prunus subhirtella</i> by colonizing and inducing resistance. <i>Journal of Forestry Research</i> ,1	2	0

- 4 Genome Sequencing of JZ-GX1 Provides New Insights Into Molecular and Genetic Mechanisms of Plant Growth Promotion.. *Frontiers in Microbiology*, **2022**, 13, 828990 5:7 ○
- 3 RAPD analysis of genetic relationships among *Sphaeropsis sapinea* isolates. *Frontiers of Forestry in China: Selected Publications From Chinese Universities*, **2007**, 2, 78-81
- 2 Colonization by the Mycorrhizal Helper HR10 Is Enhanced During the Establishment of Ectomycorrhizal Symbiosis Between sp. RL and .. *Frontiers in Microbiology*, **2022**, 13, 818912 5:7
- 1 The Bursaphelenchus xylophilus effector BxML1 targets the cyclophilin protein (CyP) to promote parasitism and virulence in pine.. *BMC Plant Biology*, **2022**, 22, 216 5:3