Jian-Ren Ye

List of Publications by Citations

61 papers	706 citations	17 h-index	23 g-index
72 ext. papers	974 ext. citations	3.5 avg, IF	4.21 L-index

#	Paper	IF	Citations
61	Role of human-mediated dispersal in the spread of the pinewood nematode in China. *PLoS ONE*, **2009**, 4, e4646	3.7	87
60	Characteristics of Organic Acid Secretion Associated with the Interaction between WS-FJ9 and Poplar Root System. *BioMed Research International*, **2018**, 2018, 9619724	3	51
59	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. *PLoS ONE*, **2018**, 13, e0199625	3.7	35
58	Pathogenicity of aseptic Bursaphelenchus xylophilus. *PLoS ONE*, **2012**, 7, e38095	3.7	30
57	Detection of the pine wood nematode using a real-time PCR assay to target the DNA topoisomerase I gene. *European Journal of Plant Pathology*, **2010**, 127, 89-98	2.1	27
56	Micropropagation of Pinus massoniana and mycorrhiza formation in vitro. *Plant Cell, Tissue and Organ Culture*, **2010**, 102, 121-128	2.7	25
55	Deciphering the Molecular Variations of Pine Wood Nematode Bursaphelenchus xylophilus with Different Virulence. *PLoS ONE*, **2016**, 11, e0156040	3.7	24
54	Colletotrichum gloeosporioides sensu stricto Is a Pathogen of Leaf Anthracnose on Evergreen Spindle Tree (Euonymus japonicus). *Plant Disease*, **2016**, 100, 672-678	1.5	24
53	Molecular characterization and functional analysis of three pathogenesis-related cytochrome P450 genes from Bursaphelenchus xylophilus (Tylenchida: Aphelenchoidoidea). *International Journal of Molecular Sciences*, **2015**, 16, 5216-34	6.3	23
52	Effects of ectomycorrhizal fungus Boletus edulis and mycorrhiza helper Bacillus cereus on the growth and nutrient uptake by Pinus thunbergii. *Biology and Fertility of Soils*, **2012**, 48, 385-391	6.1	23
51	Specifically expressed genes of the nematode Bursaphelenchus xylophilus involved with early interactions with pine trees. *PLoS ONE*, **2013**, 8, e78063	3.7	21
50	The MAPKKK CgMck1 Is Required for Cell Wall Integrity, Appressorium Development, and Pathogenicity in. *Genes*, **2018**, 9,	4.2	20
49	Bacillus velezensis strain HYEB5-6 as a potential biocontrol agent against anthracnose on Euonymus japonicus. *Biocontrol Science and Technology*, **2017**, 27, 636-653	1.7	19
48	Biosafety and colonization of Burkholderia multivorans WS-FJ9 and its growth-promoting effects on poplars. *Applied Microbiology and Biotechnology*, **2013**, 97, 10489-98	5.7	19
47	Indole-3-Acetic Acid in JK-SH007: Enzymatic Identification of the Indole-3-Acetamide Synthesis Pathway. *Frontiers in Microbiology*, **2019**, 10, 2559	5.7	19
46	NOS-like-mediated nitric oxide is involved in Pinus thunbergii response to the invasion of Bursaphelenchus xylophilus. *Plant Cell Reports*, **2012**, 31, 1813-21	5.1	18
45	An Effector, BxSapB1, Induces Cell Death and Contributes to Virulence in the Pine Wood Nematode Bursaphelenchus xylophilus. *Molecular Plant-Microbe Interactions*, **2019**, 32, 452-463	3.6	17

44	Selection of Reliable Reference Genes for RT-qPCR Analysis of Gene Expression From Different Habitats and Developmental Stages. *Frontiers in Genetics*, **2018**, 9, 269	4.5	14
43	Isolation and characterization of a mycorrhiza helper bacterium from rhizosphere soils of poplar stands. *Biology and Fertility of Soils*, **2014**, 50, 593-601	6.1	14
42	The effect of methyl salicylate on the induction of direct and indirect plant defense mechanisms in poplar (Populus euramericana Nanlin 895). *Journal of Plant Interactions*, **2015**, 10, 93-100	3.8	14
41	Deep sequencing analyses of pine wood nematode Bursaphelenchus xylophilus microRNAs reveal distinct miRNA expression patterns during the pathological process of pine wilt disease. *Gene*, **2015**, 555, 346-56	3.8	13
40	Identification of Autophagy in the Pine Wood Nematode Bursaphelenchus xylophilus and the Molecular Characterization and Functional Analysis of Two Novel Autophagy-Related Genes, BxATG1 and BxATG8. *International Journal of Molecular Sciences*, **2016**, 17, 279	6.3	12
39	Influence of Bxpel1 Gene Silencing by dsRNA Interference on the Development and Pathogenicity of the Pine Wood Nematode, Bursaphelenchus xylophilus. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	12
38	A Novel Cold-Adaptive Endo-1,4-Glucanase From JK-SH007: Gene Expression and Characterization of the Enzyme and Mode of Action. *Frontiers in Microbiology*, **2019**, 10, 3137	5.7	11
37	Shoot Blight on Chinese Fir (Cunninghamia lanceolata) is Caused by Bipolaris oryzae. *Plant Disease*, **2018**, 102, 500-506	1.5	10
36	Pleiotropic Roles of ChSat4 in Asexual Development, Cell Wall Integrity Maintenance, and Pathogenicity in. *Frontiers in Microbiology*, **2018**, 9, 2311	5.7	10
35	Differential effects of rapamycin on Bursaphelenchus xylophilus with different virulence and differential expression of autophagy genes under stresses in nematodes. *Acta Biochimica Et Biophysica Sinica*, **2019**, 51, 254-262	2.8	9
34	Identifying Virulence-Associated Genes Using Transcriptomic and Proteomic Association Analyses of the Plant Parasitic Nematode Bursaphelenchus mucronatus. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	9
33	Major sperm protein BxMSP10 is required for reproduction and egg hatching in Bursaphelenchus xylophilus. *Experimental Parasitology*, **2019**, 197, 51-56	2.1	9
32	A Bursaphelenchus xylophilus effector, Bx-FAR-1, suppresses plant defense and affects nematode infection of pine trees. *European Journal of Plant Pathology*, **2020**, 157, 637-650	2.1	8
31	Somatic embryogenesis in slash pine (Pinus elliottii Engelm): improving initiation of embryogenic tissues and maturation of somatic embryos. *Plant Cell, Tissue and Organ Culture*, **2020**, 143, 159-171	2.7	8
30	Silencing of Gene Affects the Reproduction and Pathogenicity of the Pine Wood Nematode,. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	7
29	Validation of reference genes for RT-qPCR analysis in Burkholderia pyrrocinia JK-SH007. *Journal of Microbiological Methods*, **2017**, 132, 95-98	2.8	7
28	Screening and functional analysis of the peroxiredoxin specifically expressed in Bursaphelenchus xylophilus--the causative agent of pine wilt disease. *International Journal of Molecular Sciences*, **2014**, 15, 10215-32	6.3	7
27	Expression Profiling of Autophagy Genes BxATG1 and BxATG8 under Biotic and Abiotic Stresses in Pine Wood Nematode Bursaphelenchus xylophilus. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	5

26	A simplified quick microbial genomic DNA extraction via freeze-thawing cycles. *Molecular Biology Reports*, **2020**, 47, 703-709	2.8	5
25	Effects of Different Culture Conditions on the Biofilm Formation of Bacillus pumilus HR10. *Current Microbiology*, **2020**, 77, 1405-1411	2.4	4
24	Micropropagation of Pinus densiflora and the evaluation of nematode resistance of regenerated microshoots in vitro. *Journal of Forestry Research*, **2019**, 30, 519-528	2	4
23	Adding nutrients to the biocontrol strain JK-SH007 promotes biofilm formation and improves resistance to stress. *AMB Express*, **2020**, 10, 32	4.1	4
22	A novel pine wood nematode effector, BxSCD1, suppresses plant immunity and interacts with an ethylene-forming enzyme in pine. *Molecular Plant Pathology*, **2021**, 22, 1399-1412	5.7	4
21	Profiling of differentially expressed genes in ectomycorrhizal fungus Pisolithus tinctorius responding to mycorrhiza helper Brevibacillus reuszeri MPt17. *Biologia (Poland)*, **2014**, 69, 435-442	1.5	3
20	A nested PCR assay targeting the DNA topoisomerase I gene to detect the pine wood nematode, Bursaphelenchus xylophilus. *Phytoparasitica*, **2010**, 38, 369-377	1.5	2
19	Evaluation of somatic embryo production during embryogenic tissue proliferation stage using morphology, maternal genotype, proliferation rate and tissue age of Pinus thunbergii Parl. *Journal of Forestry Research*,1	2	2
18	Knockout of a highly GC-rich gene in Burkholderia pyrrocinia by recombineering with freeze-thawing transformation. *Molecular Plant Pathology*, **2021**, 22, 843-857	5.7	2
17	Burkholderia pyrrocinia strain JK-SH007 affects zinc (Zn) accumulation and translocation in tomato. *Archives of Agronomy and Soil Science*, **2021**, 67, 447-458	2	2
16	Plant regeneration by somatic embryogenesis in Pinus thunbergii resistant to the pine wood nematode. *Canadian Journal of Forest Research*, **2019**, 49, 1604-1612	1.9	1
15	Canker on culm of Bambusa multiplex (Lour.) Raeusch. ex Schult. caused by Fusarium incarnatum (Roberge) Sacc.. *Journal of Phytopathology*, **2019**, 167, 91-97	1.8	1
14	AFLP analysis of Fusarium circinatum and relative species. *Frontiers of Forestry in China: Selected Publications From Chinese Universities*, **2009**, 4, 478-483		1
13	Discrimination of Bursaphelenchus xylophilus and Bursaphelencus mucronatus by PCR-RFLP technique. *Frontiers of Forestry in China: Selected Publications From Chinese Universities*, **2007**, 2, 82-86		1
12	Transcriptome Analysis of Bursaphelenchus xylophilus Uncovers the Impact of Stenotrophomonas maltophilia on Nematode and Pine Wilt Disease. *Forests*, **2020**, 11, 908	2.8	1
11	Molecular characterization and functional analysis of daf-8 in the pinewood nematode, Bursaphelenchus xylophilus. *Journal of Forestry Research*,1	2	1
10	Copy Number Variations of Glycoside Hydrolase 45 Genes in Bursaphelenchus xylophilus and Their Impact on the Pathogenesis of Pine Wilt Disease. *Forests*, **2021**, 12, 275	2.8	1
9	Whole-Genome Sequencing and Potassium-Solubilizing Mechanism of SK1-7.. *Frontiers in Microbiology*, **2021**, 12, 722379	5.7	0

8	Negative effects of free-living nematodes on the populations of Bursaphelenchus xylophilus in dead pine trees. *Biological Control*, **2022**, 104858	3.8	0
7	Comparison of Morphological Indexes and the Pathogenicity of Bursaphelenchus xylophilus in Northern and Southern China. *Forests*, **2021**, 12, 310	2.8	0
6	Comparative transcriptomic analysis of candidate effectors to explore the infection and survival strategy of Bursaphelenchus xylophilus during different interaction stages with pine trees. *BMC Plant Biology*, **2021**, 21, 224	5.3	0
5	Bacillus velezensis JK-XZ8 prevents and controls crown gall disease on Prunus subhirtella by colonizing and inducing resistance. *Journal of Forestry Research*,1	2	0
4	The Endophytic Strain ZS-3 Enhances Salt Tolerance in by Regulating Photosynthesis, Osmotic Stress, and Ion Homeostasis and Inducing Systemic Tolerance.. *Frontiers in Plant Science*, **2022**, 13, 820837	6.2	0
3	Molecular characterization and functional analysis of Bxy-octr-1 in Bursaphelenchus xylophilus.. *Gene*, **2022**, 823, 146350	3.8	0
2	Effects of Several Chemicals on the Migration Behavior of Bursaphelenchus xylophilus (Steiner & Buhrer) Nickle. *Forests*, **2021**, 12, 771	2.8	
1	Efficient Synthesis of Biobased Furoic Acid from Corncob via Chemoenzymatic Approach. *Processes*, **2022**, 10, 677	2.9	