

# Jian-Ren Ye

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Negative effects of free-living nematodes on the populations of <i>Bursaphelenchus xylophilus</i> in dead pine trees. <i>Biological Control</i> , <b>2022</b> , 104858	3.8	0
60	The Endophytic Strain ZS-3 Enhances Salt Tolerance in by Regulating Photosynthesis, Osmotic Stress, and Ion Homeostasis and Inducing Systemic Tolerance.. <i>Frontiers in Plant Science</i> , <b>2022</b> , 13, 820837	6.2	0
59	Efficient Synthesis of Biobased Furoic Acid from Corncob via Chemoenzymatic Approach. <i>Processes</i> , <b>2022</b> , 10, 677	2.9	
58	Molecular characterization and functional analysis of Bxy-octr-1 in <i>Bursaphelenchus xylophilus</i> .. <i>Gene</i> , <b>2022</b> , 823, 146350	3.8	0
57	Whole-Genome Sequencing and Potassium-Solubilizing Mechanism of SK1-7.. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 722379	5.7	0
56	Comparison of Morphological Indexes and the Pathogenicity of <i>Bursaphelenchus xylophilus</i> in Northern and Southern China. <i>Forests</i> , <b>2021</b> , 12, 310	2.8	0
55	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> , <b>2021</b> , 21, 224	5.3	0
54	Knockout of a highly GC-rich gene in <i>Burkholderia pyrrocinia</i> by recombineering with freeze-thawing transformation. <i>Molecular Plant Pathology</i> , <b>2021</b> , 22, 843-857	5.7	2
53	Effects of Several Chemicals on the Migration Behavior of <i>Bursaphelenchus xylophilus</i> (Steiner & Buhrer) Nickle. <i>Forests</i> , <b>2021</b> , 12, 771	2.8	
52	<i>Burkholderia pyrrocinia</i> strain JK-SH007 affects zinc (Zn) accumulation and translocation in tomato. <i>Archives of Agronomy and Soil Science</i> , <b>2021</b> , 67, 447-458	2	2
51	Copy Number Variations of Glycoside Hydrolase 45 Genes in <i>Bursaphelenchus xylophilus</i> and Their Impact on the Pathogenesis of Pine Wilt Disease. <i>Forests</i> , <b>2021</b> , 12, 275	2.8	1
50	A novel pine wood nematode effector, BxSCD1, suppresses plant immunity and interacts with an ethylene-forming enzyme in pine. <i>Molecular Plant Pathology</i> , <b>2021</b> , 22, 1399-1412	5.7	4
49	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> , <b>2020</b> , 157, 637-650	2.1	8
48	Effects of Different Culture Conditions on the Biofilm Formation of <i>Bacillus pumilus</i> HR10. <i>Current Microbiology</i> , <b>2020</b> , 77, 1405-1411	2.4	4
47	Adding nutrients to the biocontrol strain JK-SH007 promotes biofilm formation and improves resistance to stress. <i>AMB Express</i> , <b>2020</b> , 10, 32	4.1	4
46	A simplified quick microbial genomic DNA extraction via freeze-thawing cycles. <i>Molecular Biology Reports</i> , <b>2020</b> , 47, 703-709	2.8	5
45	Transcriptome Analysis of <i>Bursaphelenchus xylophilus</i> Uncovers the Impact of <i>Stenotrophomonas maltophilia</i> on Nematode and Pine Wilt Disease. <i>Forests</i> , <b>2020</b> , 11, 908	2.8	1

44	Somatic embryogenesis in slash pine ( <i>Pinus elliottii</i> Engelm): improving initiation of embryogenic tissues and maturation of somatic embryos. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2020</b> , 143, 159-171	2.7	8
43	Plant regeneration by somatic embryogenesis in <i>Pinus thunbergii</i> resistant to the pine wood nematode. <i>Canadian Journal of Forest Research</i> , <b>2019</b> , 49, 1604-1612	1.9	1
42	Silencing of Gene Affects the Reproduction and Pathogenicity of the Pine Wood Nematode,. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	7
41	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> , <b>2019</b> , 51, 254-262	2.8	9
40	Canker on culm of <i>Bambusa multiplex</i> (Lour.) Raeusch. ex Schult. caused by <i>Fusarium incarnatum</i> (Roberge) Sacc.. <i>Journal of Phytopathology</i> , <b>2019</b> , 167, 91-97	1.8	1
39	Micropropagation of <i>Pinus densiflora</i> and the evaluation of nematode resistance of regenerated microshoots in vitro. <i>Journal of Forestry Research</i> , <b>2019</b> , 30, 519-528	2	4
38	A Novel Cold-Adaptive Endo-1,4-βGlucanase From JK-SH007: Gene Expression and Characterization of the Enzyme and Mode of Action. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 3137	5.7	11
37	Indole-3-Acetic Acid in JK-SH007: Enzymatic Identification of the Indole-3-Acetamide Synthesis Pathway. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 2559	5.7	19
36	Major sperm protein BxMSP10 is required for reproduction and egg hatching in <i>Bursaphelenchus xylophilus</i> . <i>Experimental Parasitology</i> , <b>2019</b> , 197, 51-56	2.1	9
35	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> , <b>2019</b> , 32, 452-463	3.6	17
34	Shoot Blight on Chinese Fir ( <i>Cunninghamia lanceolata</i> ) is Caused by <i>Bipolaris oryzae</i> . <i>Plant Disease</i> , <b>2018</b> , 102, 500-506	1.5	10
33	Selection of Reliable Reference Genes for RT-qPCR Analysis of Gene Expression From Different Habitats and Developmental Stages. <i>Frontiers in Genetics</i> , <b>2018</b> , 9, 269	4.5	14
32	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> , <b>2018</b> , 13, e0199625	3.7	35
31	Characteristics of Organic Acid Secretion Associated with the Interaction between WS-FJ9 and Poplar Root System. <i>BioMed Research International</i> , <b>2018</b> , 2018, 9619724	3	51
30	Pleiotropic Roles of ChSat4 in Asexual Development, Cell Wall Integrity Maintenance, and Pathogenicity in. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 2311	5.7	10
29	The MAPKKK CgMck1 Is Required for Cell Wall Integrity, Appressorium Development, and Pathogenicity in. <i>Genes</i> , <b>2018</b> , 9,	4.2	20
28	<i>Bacillus velezensis</i> strain HYEBS-6 as a potential biocontrol agent against anthracnose on <i>Euonymus japonicus</i> . <i>Biocontrol Science and Technology</i> , <b>2017</b> , 27, 636-653	1.7	19
27	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> , <b>2017</b> , 18,	6.3	5

26	Validation of reference genes for RT-qPCR analysis in <i>Burkholderia pyrrocinia</i> JK-SH007. <i>Journal of Microbiological Methods</i> , <b>2017</b> , 132, 95-98	2.8	7
25	Deciphering the Molecular Variations of Pine Wood Nematode <i>Bursaphelenchus xylophilus</i> with Different Virulence. <i>PLoS ONE</i> , <b>2016</b> , 11, e0156040	3.7	24
24	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> , <b>2016</b> , 17, 279	6.3	12
23	Identifying Virulence-Associated Genes Using Transcriptomic and Proteomic Association Analyses of the Plant Parasitic Nematode <i>Bursaphelenchus mucronatus</i> . <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	9
22	Influence of Bxpe1 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> , <b>2016</b> , 17,	6.3	12
21	<i>Colletotrichum gloeosporioides sensu stricto</i> Is a Pathogen of Leaf Anthracnose on Evergreen Spindle Tree ( <i>Euonymus japonicus</i> ). <i>Plant Disease</i> , <b>2016</b> , 100, 672-678	1.5	24
20	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> , <b>2015</b> , 16, 5216-34	6.3	23
19	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> , <b>2015</b> , 555, 346-56	3.8	13
18	The effect of methyl salicylate on the induction of direct and indirect plant defense mechanisms in poplar ( <i>Populus euramericana</i> Nanlin 895). <i>Journal of Plant Interactions</i> , <b>2015</b> , 10, 93-100	3.8	14
17	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> , <b>2014</b> , 69, 435-442	1.5	3
16	Isolation and characterization of a mycorrhiza helper bacterium from rhizosphere soils of poplar stands. <i>Biology and Fertility of Soils</i> , <b>2014</b> , 50, 593-601	6.1	14
15	Screening and functional analysis of the peroxiredoxin specifically expressed in <i>Bursaphelenchus xylophilus</i> --the causative agent of pine wilt disease. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 10215-32	6.3	7
14	Biosafety and colonization of <i>Burkholderia multivorans</i> WS-FJ9 and its growth-promoting effects on poplars. <i>Applied Microbiology and Biotechnology</i> , <b>2013</b> , 97, 10489-98	5.7	19
13	Specifically expressed genes of the nematode <i>Bursaphelenchus xylophilus</i> involved with early interactions with pine trees. <i>PLoS ONE</i> , <b>2013</b> , 8, e78063	3.7	21
12	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> , <b>2012</b> , 31, 1813-21	5.1	18
11	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> , <b>2012</b> , 48, 385-391	6.1	23
10	Pathogenicity of aseptic <i>Bursaphelenchus xylophilus</i> . <i>PLoS ONE</i> , <b>2012</b> , 7, e38095	3.7	30
9	A nested PCR assay targeting the DNA topoisomerase I gene to detect the pine wood nematode, <i>Bursaphelenchus xylophilus</i> . <i>Phytoparasitica</i> , <b>2010</b> , 38, 369-377	1.5	2

8	Micropropagation of <i>Pinus massoniana</i> and mycorrhiza formation in vitro. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2010</b> , 102, 121-128	2.7	25
7	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> , <b>2010</b> , 127, 89-98	2.1	27
6	AFLP analysis of <i>Fusarium circinatum</i> and relative species. <i>Frontiers of Forestry in China: Selected Publications From Chinese Universities</i> , <b>2009</b> , 4, 478-483		1
5	Role of human-mediated dispersal in the spread of the pinewood nematode in China. <i>PLoS ONE</i> , <b>2009</b> , 4, e4646	3.7	87
4	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> , <b>2007</b> , 2, 82-86		1
3	Evaluation of somatic embryo production during embryogenic tissue proliferation stage using morphology, maternal genotype, proliferation rate and tissue age of <i>Pinus thunbergii</i> Parl. <i>Journal of Forestry Research</i> , 1	2	2
2	Molecular characterization and functional analysis of daf-8 in the pinewood nematode, <i>Bursaphelenchus xylophilus</i> . <i>Journal of Forestry Research</i> , 1	2	1
1	<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