

# Wei Wei

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

2,044  
citations

361413

20  
h-index

254184

43  
g-index

52  
all docs

52  
docs citations

52  
times ranked

839  
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of an interactive online phytoplasma classification tool, iPhyClassifier, and its application in analysis of the peach X-disease phytoplasma group (16SrIII). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 2582-2593.	1.7	495
2	Computer-simulated RFLP analysis of 16S rRNA genes: identification of ten new phytoplasma groups. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 1855-1867.	1.7	307
3	â€Candidatus <i>Phytoplasma solani</i> â€™, a novel taxon associated with stolbur- and bois noir-related diseases of plants. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 2879-2894.	1.7	190
4	Automated RFLP pattern comparison and similarity coefficient calculation for rapid delineation of new and distinct phytoplasma 16Sr subgroup lineages. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 2368-2377.	1.7	142
5	Ancient, recurrent phage attacks and recombination shaped dynamic sequence-variable mosaics at the root of phytoplasma genome evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11827-11832.	7.1	82
6	Genetic diversity among phytoplasmas infecting <i>Opuntia</i> species: virtual RFLP analysis identifies new subgroups in the peanut witches'-broom phytoplasma group. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 1448-1457.	1.7	64
7	'Candidatus <i>Phytoplasma tamaricis</i> ', a novel taxon discovered in witches'-broom-diseased salt cedar ( <i>Tamarix chinensis</i> Lour.). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 2496-2504.	1.7	52
8	â€Candidatus <i>Phytoplasma sudamericanum</i> â€™, a novel taxon, and strain PassWB-Br4, a new subgroup 16SrIII-V phytoplasma, from diseased passion fruit ( <i>Passiflora edulis</i> f. <i>flavicarpa</i> Deg.). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 984-989.	1.7	47
9	The iPhyClassifier, an Interactive Online Tool for Phytoplasma Classification and Taxonomic Assignment. <i>Methods in Molecular Biology</i> , 2013, 938, 329-338.	0.9	45
10	New 16Sr subgroups and distinct single nucleotide polymorphism lineages among grapevine Bois noir phytoplasma populations. <i>Annals of Applied Biology</i> , 2009, 154, 279-289.	2.5	43
11	â€Candidatus <i>Phytoplasma wodyetiae</i> â€™, a new taxon associated with yellow decline disease of foxtail palm ( <i>Wodyetia bifurcata</i> ) in Malaysia. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 3765-3772.	1.7	42
12	Should â€Candidatus <i>Phytoplasma</i> â€™ be retained within the order Acholeplasmatales?. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 1075-1082.	1.7	40
13	Phytoplasmal infection derails genetically preprogrammed meristem fate and alters plant architecture. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19149-19154.	7.1	39
14	â€Candidatus <i>Phytoplasma hispanicum</i> â€™, a novel taxon associated with Mexican periwinkle virescence disease of <i>Catharanthus roseus</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 3463-3467.	1.7	38
15	â€Candidatus <i>Phytoplasma luffae</i> â€™, a novel taxon associated with witches'â€™ broom disease of loofah, <i>Luffa aegyptica</i> Mill. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 3127-3133.	1.7	33
16	A new phytoplasma associated with little leaf disease in azalea: multilocus sequence characterization reveals a distinct lineage within the aster yellows phytoplasma group. <i>Annals of Applied Biology</i> , 2011, 158, 318-330.	2.5	28
17	Salicylic acidâ€mediated elicitation of tomato defence against infection by potato purple top phytoplasma. <i>Annals of Applied Biology</i> , 2012, 161, 36-45.	2.5	27
18	The agent associated with blue dwarf disease in wheat represents a new phytoplasma taxon, â€Candidatus <i>Phytoplasma tritici</i> â€™. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	26

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19	Unraveling the Etiology of North American Grapevine Yellow (NAGY): Novel NAGY Phytoplasma Sequences Related to <i>Candidatus</i> Phytoplasma pruni <sup>TM</sup> . <i>Plant Disease</i> , 2015, 99, 1087-1097.	1.4	23
20	Phytoplasma Genomes: Evolution Through Mutually Complementary Mechanisms, Gene Loss and Horizontal Acquisition. , 2014, , 235-271.		22
21	Identification of two new phylogenetically distant phytoplasmas from <i>Scaevola taccada</i> plants exhibiting stem fasciation and shoot proliferation symptoms. <i>Annals of Applied Biology</i> , 2012, 160, 25-34.	2.5	21
22	Role of gibberellic acid in tomato defence against potato purple top phytoplasma infection. <i>Annals of Applied Biology</i> , 2013, 162, 191-199.	2.5	21
23	Spatiotemporal dynamics and quantitative analysis of phytoplasmas in insect vectors. <i>Scientific Reports</i> , 2020, 10, 4291.	3.3	20
24	Potato purple top phytoplasma-induced disruption of gibberellin homeostasis in tomato plants. <i>Annals of Applied Biology</i> , 2013, 162, 131-139.	2.5	18
25	Integration of metabolomics and existing omics data reveals new insights into phytoplasma-induced metabolic reprogramming in host plants. <i>PLoS ONE</i> , 2021, 16, e0246203.	2.5	18
26	Multilocus genotyping of a <i>Candidatus</i> Phytoplasma aurantifolia <sup>TM</sup> -related strain associated with cauliflower phyllody disease in China. <i>Annals of Applied Biology</i> , 2016, 169, 64-74.	2.5	14
27	New Symptoms Identified in Phytoplasma-Infected Plants Reveal Extra Stages of Pathogen-Induced Meristem Fate-Derailment. <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 1314-1323.	2.6	14
28	Identification of new J and K 16SrXII subgroups and distinct single nucleotide polymorphism genetic lineages among <i>Candidatus</i> Phytoplasma solani <sup>TM</sup> strains associated with bois noir in Central Italy. <i>Australasian Plant Pathology</i> , 2017, 46, 31-34.	1.0	13
29	Multilocus genotyping identifies a highly homogeneous phytoplasma lineage associated with sweet cherry virescence disease in China and its carriage by an erythroneurine leafhopper. <i>Crop Protection</i> , 2018, 106, 13-22.	2.1	13
30	Evidence for the role of an invasive weed in widespread occurrence of phytoplasma diseases in diverse vegetable crops: Implications from lineage-specific molecular markers. <i>Crop Protection</i> , 2016, 89, 193-201.	2.1	10
31	Identification of Phytoplasmas Representing Multiple New Genetic Lineages from Phloem-Feeding Leafhoppers Highlights the Diversity of Phytoplasmas and Their Potential Vectors. <i>Pathogens</i> , 2021, 10, 352.	2.8	10
32	Development of molecular markers and a diagnostic tool for investigation of coinfections by and interactions between potato purple top and potato witches'-broom phytoplasmas in tomato. <i>Annals of Applied Biology</i> , 2016, 168, 133-141.	2.5	8
33	Novel phytoplasma strains of X disease group unveil genetic markers that distinguish North American and South American geographic lineages within subgroups 16SrIII <sup>U</sup> and 16SrIII <sup>V</sup> . <i>Annals of Applied Biology</i> , 2017, 171, 405-416.	2.5	8
34	Screening potential insect vectors in a museum biorepository reveals undiscovered diversity of plant pathogens in natural areas. <i>Ecology and Evolution</i> , 2021, 11, 6493-6503.	1.9	8
35	Phytoplasma Infection Blocks Starch Breakdown and Triggers Chloroplast Degradation, Leading to Premature Leaf Senescence, Sucrose Reallocation, and Spatiotemporal Redistribution of Phytohormones. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1810.	4.1	8
36	<i>Candidatus</i> Phytoplasma brasiliense <sup>TM</sup> -related strains associated with papaya bunchy top disease in northern Peru represent a distinct geographic lineage. <i>Crop Protection</i> , 2017, 92, 99-106.	2.1	7

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37	Occurrence, distribution and possible functional roles of simple sequence repeats in phytoplasma genomes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 2748-2760.	1.7	6
38	First Report of a Natural Infection of <i>Opuntia</i> sp. by a <i>Candidatus Phytoplasma asteris</i> -Related Phytoplasma in China. <i>Plant Disease</i> , 2007, 91, 461-461.	1.4	6
39	Multilocus Genotyping Reveals New Molecular Markers for Differentiating Distinct Genetic Lineages among <i>Candidatus Phytoplasma Solani</i> -Strains Associated with Grapevine Bois Noir. <i>Pathogens</i> , 2020, 9, 970.	2.8	5
40	First Report of a New Grapevine Yellows Disease in Peru and its Association With Infection by a <i>Candidatus Phytoplasma brasiliense</i> -Related Phytoplasma Strain. <i>Plant Disease</i> , 2017, 101, 502-502.	1.4	5
41	Molecular identification and characterization of a new phytoplasma strain associated with Chinese chestnut yellow crinkle disease in China. <i>Forest Pathology</i> , 2011, 41, 233-236.	1.1	4
42	Transcriptome analysis reveals a complex array of differentially expressed genes accompanying a source-to-sink change in phytoplasma-infected sweet cherry leaves. <i>Annals of Applied Biology</i> , 2019, 175, 69-82.	2.5	4
43	Molecular identification and characterization of <i>Candidatus Phytoplasma convolvuli</i> -related strains (representing a new 16SrXII-O subgroup) associated with papaya bunchy top disease in Nigeria. <i>Crop Protection</i> , 2021, 148, 105731.	2.1	4
44	Molecular Identification of a New Phytoplasma Strain Associated with the First Observation of Jujube Witches'-Broom Disease in Northeastern China. <i>Plant Disease</i> , 2007, 91, 1364-1364.	1.4	4
45	Growth inhibition of phytopathogenic spiroplasmas by membrane-interactive antimicrobial peptides Novispirin T7 and Caerin 1.1. <i>Annals of Applied Biology</i> , 0, , .	2.5	3
46	Complete Genome Sequence of <i>Spiroplasma phoeniceum</i> Strain P40 T , a Plant Pathogen Isolated from Diseased Plants of Madagascar Periwinkle [ <i>Catharanthus roseus</i> (L.) G. Don]. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	2
47	Phytoplasma inoculum titre and inoculation timing influence symptom development in newly infected plants. <i>Phytopathogenic Mollicutes</i> , 2019, 9, 115.	0.1	2
48	First Report of Sugarcane Yellow Leaf Disease in Mexico and Detection of <i>Candidatus Phytoplasma asteris</i> -Related Strains in Affected Plants. <i>Plant Disease</i> , 2019, 103, 1015.	1.4	1
49	New genetically distinct phytoplasmas and insect carriers associated with pine tree disease revealed by a survey in Curonian Spit, Lithuania. <i>Canadian Journal of Forest Research</i> , 0, , .	1.7	1
50	First Report of Bougainvillea Floral Bract Proliferation Disease in Cuba and Its Association with Phytoplasmal Infection. <i>Plant Disease</i> , 2020, 104, 967-967.	1.4	0
51	A Survey of Potential Insect Vectors of Mountain Pine Proliferation Decline Phytoplasma in Curonian Spit, Lithuania. , 2020, 3, .		0