Jaime Aguayo

List of Publications by Year
in descending order

18	557	759233 12	839539 18
papers	citations	h-index	g-index

18	18	18	770
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An evolutionary ecology perspective to address forest pathology challenges of today and tomorrow. Annals of Forest Science, 2016, 73, 45-67.	2.0	88
2	Modeling climate impact on an emerging disease, the Phytophthora alniâ€induced alder decline. Global Change Biology, 2014, 20, 3209-3221.	9.5	75
3	Evidence for homoploid speciation in Phytophthora alni supports taxonomic reclassification in this species complex. Fungal Genetics and Biology, 2015, 77, 12-21.	2.1	70
4	Strong Genetic Differentiation Between North American and European Populations of Phytophthora alni subsp. uniformis. Phytopathology, 2013, 103, 190-199.	2.2	42
5	Assessment of Passive Traps Combined with High-Throughput Sequencing To Study Airborne Fungal Communities. Applied and Environmental Microbiology, 2018, 84, .	3.1	39
6	Detection of plant pathogens using realâ€time <scp>PCR</scp>: how reliable are late C_t values?. Plant Pathology, 2017, 66, 359-367.	2.4	38
7	Metabarcoding targeting the EF1 alpha region to assess Fusarium diversity on cereals. PLoS ONE, 2019, 14, e0207988.	2.5	31
8	Development of a hydrolysis probe-based real-time assay for the detection of tropical strains of Fusarium oxysporum f. sp. cubense race 4. PLoS ONE, 2017, 12, e0171767.	2.5	31
9	Potential Interactions between Invasive Fusarium circinatum and Other Pine Pathogens in Europe. Forests, 2020, 11, 7.	2.1	26
10	Transferability of PCR-based diagnostic protocols: An international collaborative case study assessing protocols targeting the quarantine pine pathogen Fusarium circinatum. Scientific Reports, 2019, 9, 8195.	3.3	22
11	First Report of Fusarium oxysporum f. sp. cubense Tropical Race 4 (TR4) Causing Banana Wilt in the Island of Mayotte. Plant Disease, 2021, 105, 219.	1.4	22
12	Combining permanent aerobiological networks and molecular analyses for largeâ€scale surveillance of forest fungal pathogens: A proofâ€ofâ€concept. Plant Pathology, 2021, 70, 181-194.	2.4	19
13	A Statistical Model to Detect Asymptomatic Infectious Individuals with an Application in the Phytophthora alni-Induced Alder Decline. Phytopathology, 2010, 100, 1262-1269.	2.2	17
14	Identification and pathogenicity of Alternaria species associated with leaf blotch disease and premature defoliation in French apple orchards. PeerJ, 2021, 9, e12496.	2.0	13
15	A Set of Conventional and Multiplex Real-Time PCR Assays for Direct Detection of ElsinoÃ« fawcettii, E. australis, and Pseudocercospora angolensis in Citrus Fruits. Plant Disease, 2019, 103, 345-356.	1.4	11
16	Genetic Diversity and Origins of the Homoploid-Type Hybrid Phytophthora Ã—alni. Applied and Environmental Microbiology, 2016, 82, 7142-7153.	3.1	9
17	New multiplex conventional PCR and quadruplex real-time PCR assays for one-tube detection of Phyllosticta citricarpa, ElsinoÃ« fawcettii, ElsinoÃ« australis, and Pseudocercospora angolensis in Citrus: development and validation. Applied Microbiology and Biotechnology, 2020, 104, 9363-9385.	3.6	3
18	Assessment of molecular detection of Fusarium circinatum in insects and passive spore traps in Pinus radiata plantations. Forest Pathology, 2020, 50, e12574.	1.1	1