

Renaud Ioos

List of Publications by Citations

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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.

66

papers

1,368

citations

20

h-index

35

g-index

69

ext. papers

1,680

ext. citations

2.6

avg, IF

4.6

L-index

#	Paper	IF	Citations
66	Genetic characterization of the natural hybrid species <i>Phytophthora alni</i> as inferred from nuclear and mitochondrial DNA analyses. <i>Fungal Genetics and Biology</i> , 2006 , 43, 511-29	3.9	107
65	<i>Chalara fraxinea</i> is an invasive pathogen in France. <i>European Journal of Plant Pathology</i> , 2011 , 130, 311-324		82
64	The effects of fungicides on <i>Fusarium</i> spp. and <i>Microdochium nivale</i> and their associated trichothecene mycotoxins in French naturally-infected cereal grains. <i>Crop Protection</i> , 2005 , 24, 894-902	2.7	77
63	Development, comparison, and validation of real-time and conventional PCR tools for the detection of the fungal pathogens causing brown spot and red band needle blights of pine. <i>Phytopathology</i> , 2010 , 100, 105-14	3.8	76
62	Sensitive detection of <i>Fusarium circinatum</i> in pine seed by combining an enrichment procedure with a real-time polymerase chain reaction using dual-labeled probe chemistry. <i>Phytopathology</i> , 2009 , 99, 582-90	3.8	74
61	Occurrence and distribution of <i>Microdochium nivale</i> and <i>Fusarium</i> species isolated from barley, durum and soft wheat grains in France from 2000 to 2002. <i>Mycopathologia</i> , 2004 , 158, 351-62	2.9	63
60	Genomic Variation within <i>Monilinia laxa</i> , <i>M. fructigena</i> and <i>M. fructicola</i> , and Application to Species Identification by PCR 2000 , 106, 373-378		61
59	Rapid in planta detection of <i>Chalara fraxinea</i> by a real-time PCR assay using a dual-labelled probe. <i>European Journal of Plant Pathology</i> , 2009 , 125, 329-335	2.1	55
58	Differentiation of Poaceae Potyviruses by Reverse Transcription-Polymerase Chain Reaction and Restriction Analysis. <i>Journal of Phytopathology</i> , 2000 , 148, 141-151	1.8	55
57	Evidence for homoploid speciation in <i>Phytophthora alni</i> supports taxonomic reclassification in this species complex. <i>Fungal Genetics and Biology</i> , 2015 , 77, 12-21	3.9	53
56	Diversity of the <i>Fusarium graminearum</i> species complex on French cereals. <i>European Journal of Plant Pathology</i> , 2014 , 138, 133-148	2.1	50
55	The ash dieback invasion of Europe was founded by two genetically divergent individuals. <i>Nature Ecology and Evolution</i> , 2018 , 2, 1000-1008	12.3	49
54	Fast and reliable molecular methods to detect fungal pathogens in woody plants. <i>Applied Microbiology and Biotechnology</i> , 2020 , 104, 2453-2468	5.7	35
53	SCARBased PCR primers to detect the hybrid pathogen <i>Phytophthora alni</i> and its subspecies causing alder disease in Europe. <i>European Journal of Plant Pathology</i> , 2005 , 112, 323-335	2.1	35
52	Development of a PCR test to detect the downy mildew causal agent <i>Plasmopara halstedii</i> in sunflower seeds. <i>Plant Pathology</i> , 2007 , 56, 209-218	2.8	33
51	Is the emergence of <i>Dothistroma</i> needle blight of pine in France caused by the cryptic species <i>Dothistroma pini</i> ?. <i>Phytopathology</i> , 2012 , 102, 47-54	3.8	29
50	An optimized duplex real-time PCR tool for sensitive detection of the quarantine oomycete <i>Plasmopara halstedii</i> in sunflower seeds. <i>Phytopathology</i> , 2012 , 102, 908-17	3.8	28

49	Detection of plant pathogens using real-time PCR: how reliable are late Ct values?. <i>Plant Pathology</i> , 2017 , 66, 359-367	2.8	26
48	Development of a hydrolysis probe-based real-time assay for the detection of tropical strains of <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> race 4. <i>PLoS ONE</i> , 2017 , 12, e0171767	3.7	21
47	Usefulness of single copy genes containing introns in <i>Phytophthora</i> for the development of detection tools for the regulated species <i>P. ramorum</i> and <i>P. fragariae</i> . <i>European Journal of Plant Pathology</i> , 2006 , 116, 171-176	2.1	20
46	Transferability of PCR-based diagnostic protocols: An international collaborative case study assessing protocols targeting the quarantine pine pathogen <i>Fusarium circinatum</i> . <i>Scientific Reports</i> , 2019 , 9, 8195	4.9	18
45	Global Geographic Distribution and Host Range of <i>Fusarium circinatum</i> , the Causal Agent of Pine Pitch Canker. <i>Forests</i> , 2020 , 11, 724	2.8	18
44	Assessment of Passive Traps Combined with High-Throughput Sequencing To Study Airborne Fungal Communities. <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	18
43	Do higher summer temperatures restrict the dissemination of <i>Hymenoscyphus fraxineus</i> in France?. <i>Forest Pathology</i> , 2018 , 48, e12426	1.2	17
42	Duplex real-time PCR assay for the simultaneous detection of <i>Caliciopsis pinea</i> and <i>Fusarium circinatum</i> in pine samples. <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 7135-7146	5.7	16
41	Characterization of microsatellite markers in the interspecific hybrid <i>Phytophthora alni</i> ssp. <i>alni</i> , and cross-amplification with related taxa. <i>Molecular Ecology Notes</i> , 2006 , 7, 133-137		15
40	Tracking the invasion: dispersal of <i>Hymenoscyphus fraxineus</i> airborne inoculum at different scales. <i>FEMS Microbiology Ecology</i> , 2018 , 94,	4.3	13
39	One-Step Detection of <i>Monilinia fructicola</i> , <i>M. fructigena</i> , and <i>M. laxa</i> on <i>Prunus</i> and <i>Malus</i> by a Multiplex Real-Time PCR Assay. <i>Plant Disease</i> , 2016 , 100, 2465-2474	1.5	12
38	First Report of Blight Disease on <i>Buxus</i> Caused by <i>Cylindrocladium buxicola</i> in France. <i>Plant Disease</i> , 2012 , 96, 1069	1.5	12
37	Metabarcoding targeting the EF1 alpha region to assess <i>Fusarium</i> diversity on cereals. <i>PLoS ONE</i> , 2019 , 14, e0207988	3.7	12
36	Landscape epidemiology of ash dieback. <i>Journal of Ecology</i> , 2020 , 108, 1789-1799	6	11
35	A Genomic Approach to Develop a New qPCR Test Enabling Detection of the Lineage Causing Wheat Blast. <i>Plant Disease</i> , 2020 , 104, 60-70	1.5	11
34	<i>Fusarium temperatum</i> isolated from maize in France. <i>European Journal of Plant Pathology</i> , 2017 , 148, 997-1001	2.1	10
33	Validation and accreditation of a duplex real-time PCR test for reliable in planta detection of <i>Chalara fraxinea</i> 1. <i>EPPO Bulletin</i> , 2011 , 41, 21-26	1	10
32	European collaborative studies for the validation of PCR-based detection tests targeting regulated fungi and oomycetes. <i>EPPO Bulletin</i> , 2008 , 38, 198-204	1	10

31	Pine Pitch Canker (PPC): Pathways of Pathogen Spread and Preventive Measures. <i>Forests</i> , 2019 , 10, 1158-8	10
30	First Report of Dothistroma pini, a Recent Agent of the Dothistroma Needle Blight, on Pinus radiata in France. <i>Plant Disease</i> , 2014 , 98, 841	1.5 9
29	A PCR, qPCR, and LAMP Toolkit for the Detection of the Wheat Blast Pathogen in Seeds. <i>Plants</i> , 2020 , 9,	4.5 8
28	Optimization of a real-time PCR assay for the detection of the quarantine pathogen Melampsora medusae f. sp. deltoidae. <i>Fungal Biology</i> , 2013 , 117, 389-98	2.8 8
27	Rapid detection of Fusarium circinatum propagules on trapped pine beetles. <i>Forest Pathology</i> , 2015 , 45, 324-330	1.2 8
26	First report of f. sp. tropical race 4 (TR4) causing banana wilt in the Island of Mayotte. <i>Plant Disease</i> , 2020 ,	1.5 8
25	First Report of Phytophthora ramorum Causing Japanese Larch Dieback in France. <i>Plant Disease</i> , 2018 , PDIS02180288PDN	1.5 7
24	Simultaneous monitoring and quantification of Melampsora allii-populina and Melampsora larici-populina on infected poplar leaves using a duplex real-time PCR assay. <i>Plant Pathology</i> , 2016 , 65, 380-391	2.8 7
23	A sensitive real-time PCR assay for the detection of the two Melampsora medusae formae speciales on infected poplar leaves. <i>European Journal of Plant Pathology</i> , 2013 , 136, 433-441	2.1 6
22	First Report of Black Sigatoka Disease in Banana Caused by Mycosphaerella fijiensis on Martinique Island. <i>Plant Disease</i> , 2011 , 95, 359	1.5 6
21	A robust and specific real-time PCR tool for the detection of Phytophthora lateralis in plant tissues. <i>European Journal of Plant Pathology</i> , 2016 , 146, 231-244	2.1 6
20	A Set of Conventional and Multiplex Real-Time PCR Assays for Direct Detection of Elsinoë fawcettii, E. australis, and Pseudocercospora angolensis in Citrus Fruits. <i>Plant Disease</i> , 2019 , 103, 345-356	1.5 5
19	Multiplex real-time PCR assays for the detection and identification of Heterobasidion species attacking conifers in Europe. <i>Plant Pathology</i> , 2019 , 68, 1493-1507	2.8 5
18	Development and use of new sensitive molecular tools for diagnosis and detection of Melampsora rusts on cultivated poplar. <i>Forest Pathology</i> , 2012 , 43, n/a-n/a	1.2 5
17	Distribution and expression of elicitor genes in the interspecific hybrid oomycete Phytophthora alni. <i>Applied and Environmental Microbiology</i> , 2007 , 73, 5587-97	4.8 5
16	Simulation of consumer exposure to deoxynivalenol according to wheat crop management and grain segregation: case studies and methodological considerations. <i>Regulatory Toxicology and Pharmacology</i> , 2005 , 42, 253-9	3.4 5
15	Test performance study of diagnostic procedures for identification and detection of Gibberella circinata in pine seeds in the framework of a EUPHRESKO project. <i>EPPO Bulletin</i> , 2013 , 43, 267-275	1 4
14	Characterization of Colletotrichum orchidophilum, the agent of black spot disease of vanilla. <i>Journal of Phytopathology</i> , 2018 , 166, 525-531	1.8 4

13	First report of citrus black spot disease caused by <i>Phyllosticta citricarpa</i> on <i>Citrus limon</i> and <i>C. sinensis</i> in Tunisia. <i>New Disease Reports</i> , 2020 , 41, 8-8	1.3	3
12	First Report of Pineapple Black Rot Caused by <i>Ceratocystis paradoxa</i> on <i>Ananas comosus</i> in French Guiana. <i>Plant Disease</i> , 2014 , 98, 1584	1.5	3
11	Combining permanent aerobiological networks and molecular analyses for large-scale surveillance of forest fungal pathogens: A proof-of-concept. <i>Plant Pathology</i> , 2021 , 70, 181-194	2.8	3
10	First Report of Orange Rust Caused by <i>Puccinia kuehnii</i> on Sugarcane on the Island of Reunion. <i>Plant Disease</i> , 2019 , 103, 2962	1.5	2
9	Identification and pathogenicity of species associated with leaf blotch disease and premature defoliation in French apple orchards.. <i>PeerJ</i> , 2021 , 9, e12496	3.1	2
8	Ecological differentiation and incipient speciation in the fungal pathogen causing rice blast		2
7	The ash dieback invasion of Europe was founded by two individuals from a native population with huge adaptive potential		2
6	Application de la variabilité génétique de l'ADNr chez <i>Monilinia laxa</i> , <i>Monilinia fructigena</i> et <i>Monilinia fructicola</i> Identification des espèces par PCR*. <i>EPPO Bulletin</i> , 2000 , 30, 499-505	1	1
5	First report of black Sigatoka disease in banana caused by <i>Mycosphaerella fijiensis</i> on Reunion Island. <i>New Disease Reports</i> , 2019 , 39, 12-12	1.3	1
4	First Report of <i>Neonectria neomacrospora</i> Causing European Silver Fir (<i>Abies alba</i>) Dieback in France. <i>Plant Disease</i> , 2019 , 103, 365	1.5	1
3	First Report of <i>Phytophthora niederhauserii</i> Causing Wilt of <i>Begonia elatior</i> in France. <i>Plant Disease</i> , 2015 , 99, 1277-1277	1.5	0
2	New multiplex conventional PCR and quadruplex real-time PCR assays for one-tube detection of <i>Phyllosticta citricarpa</i> , <i>Elsinoë fawcettii</i> , <i>Elsinoë australis</i> , and <i>Pseudocercospora angolensis</i> in Citrus: development and validation. <i>Applied Microbiology and Biotechnology</i> , 2020 , 104, 9363-9385	5.7	0
1	Molecular Detection of Wheat Blast Pathogen in Seeds. <i>Methods in Molecular Biology</i> , 2022 , 139-153	1.4	