

# Claude Husson

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,286  
citations

430442

18  
h-index

525886

27  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1451  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.2	19
2	Surprising low diversity of the plant pathogen <i>Phytophthora</i> in Amazonian forests. <i>Environmental Microbiology</i> , 2020, 22, 5019-5032.	1.8	17
3	Comparison and validation of Oomycetes metabarcoding primers for <i>Phytophthora</i> high throughput sequencing. <i>Journal of Plant Pathology</i> , 2019, 101, 743-748.	0.6	9
4	The ash dieback invasion of Europe was founded by two genetically divergent individuals. <i>Nature Ecology and Evolution</i> , 2018, 2, 1000-1008.	3.4	82
5	Assessment of Passive Traps Combined with High-Throughput Sequencing To Study Airborne Fungal Communities. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	39
6	Genetic Diversity and Origins of the Homoploid-Type Hybrid <i>Phytophthora alni</i> . <i>Applied and Environmental Microbiology</i> , 2016, 82, 7142-7153.	1.4	9
7	An evolutionary ecology perspective to address forest pathology challenges of today and tomorrow. <i>Annals of Forest Science</i> , 2016, 73, 45-67.	0.8	88
8	Genetic diversity and genetic structure of black alder ( <i>Alnus glutinosa</i> [L.] Gaertn) in the Belgium-Luxembourg-France cross-border area. <i>Tree Genetics and Genomes</i> , 2016, 12, 1.	0.6	15
9	Modeling climate impact on an emerging disease, the <i>Phytophthora alni</i> -induced alder decline. <i>Global Change Biology</i> , 2014, 20, 3209-3221.	4.2	75
10	Development and use of new sensitive molecular tools for diagnosis and detection of <i>Melampsora</i> rusts on cultivated poplar. <i>Forest Pathology</i> , 2013, 43, 1-11.	0.5	7
11	Strong Genetic Differentiation Between North American and European Populations of <i>Phytophthora alni</i> subsp. <i>uniformis</i> . <i>Phytopathology</i> , 2013, 103, 190-199.	1.1	42
12	Optimization of a real-time PCR assay for the detection of the quarantine pathogen <i>Melampsora medusae</i> f. sp. <i>deltoidea</i> . <i>Fungal Biology</i> , 2013, 117, 389-398.	1.1	10
13	Occurrence of <i>Hymenoscyphus pseudoalbidus</i> on infected ash logs. <i>Plant Pathology</i> , 2012, 61, 889-895.	1.2	82
14	Predicting invasion success of forest pathogenic fungi from species traits. <i>Journal of Applied Ecology</i> , 2011, 48, 1381-1390.	1.9	89
15	<i>Chalara fraxinea</i> is an invasive pathogen in France. <i>European Journal of Plant Pathology</i> , 2011, 130, 311-324.	0.8	97
16	Finding Single Copy Genes Out of Sequenced Genomes for Multilocus Phylogenetics in Non-Model Fungi. <i>PLoS ONE</i> , 2011, 6, e18803.	1.1	50
17	Species diversity and drivers of spread of alien fungi (sensu lato) in Europe with a particular focus on France. <i>Biological Invasions</i> , 2010, 12, 157-172.	1.2	62
18	A Statistical Model to Detect Asymptomatic Infectious Individuals with an Application in the <i>Phytophthora alni</i> -Induced Alder Decline. <i>Phytopathology</i> , 2010, 100, 1262-1269.	1.1	17

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19	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.	0.8	74
20	Simulating the effects of a climate-change scenario on the geographical range and activity of forest-pathogenic fungi. <i>Canadian Journal of Plant Pathology</i> , 2007, 29, 101-120.	0.8	159
21	Risk Factors for the Phytophthora-Induced Decline of Alder in Northeastern France. <i>Phytopathology</i> , 2007, 97, 99-105.	1.1	31
22	Wettability of Poplar Leaves Influences Dew Formation and Infection by <i>Melampsora larici-populina</i> . <i>Plant Disease</i> , 2006, 90, 177-184.	0.7	30
23	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.	0.8	27
24	Comparison of Genetic and Virulence Diversity of <i>Melampsora larici-populina</i> Populations on Wild and Cultivated Poplar and Influence of the Alternate Host. <i>Phytopathology</i> , 2006, 96, 1027-1036.	1.1	53
25	Susceptibility of native French elm clones to <i>Ophiostoma novo-ulmi</i> . <i>Annals of Forest Science</i> , 2005, 62, 689-696.	0.8	15
26	SCAR-based 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.	0.8	40
27	Partial Resistance to <i>Melampsora larici-populina</i> Leaf Rust in Hybrid Poplars: Genetic Variability in Inoculated Excised Leaf Disk Bioassay and Relationship with Complete Resistance. <i>Phytopathology</i> , 2003, 93, 421-427.	1.1	46