

Ana Perez-Sierra

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

2,526
citations

279798

23
h-index

214800

47
g-index

76
all docs

76
docs citations

76
times ranked

2174
citing authors

#	ARTICLE	IF	CITATIONS
1	Widespread <i>Phytophthora</i> infestations in European nurseries put forest, semi-natural and horticultural ecosystems at high risk of <i>Phytophthora</i> diseases. <i>Forest Pathology</i> , 2016, 46, 134-163.	1.1	273
2	Fungal Planet description sheets: 214-280. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2014, 32, 184-306.	4.4	229
3	Fungal trunk pathogens associated with wood decay of almond trees on Mallorca (Spain). <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2012, 28, 1-13.	4.4	156
4	Canker and decline diseases caused by soil- and airborne <i>Phytophthora</i> species in forests and woodlands. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2018, 40, 182-220.	4.4	135
5	Multiple alien <i>Phytophthora</i> taxa discovered on diseased ornamental plants in Spain. <i>Plant Pathology</i> , 2009, 58, 100-110.	2.4	123
6	Outbreak of Pitch Canker Caused by <i>Fusarium circinatum</i> on <i>Pinus</i> spp. in Northern Spain. <i>Plant Disease</i> , 2005, 89, 1015-1015.	1.4	94
7	Standardizing the Nomenclature for Clonal Lineages of the Sudden Oak Death Pathogen, <i>Phytophthora ramorum</i> . <i>Phytopathology</i> , 2009, 99, 792-795.	2.2	93
8	Fungal Planet description sheets: 1042-1111. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2020, 44, 301-459.	4.4	91
9	Characterization of <i>Fusarium circinatum</i> from <i>Pinus</i> spp. in northern Spain. <i>Mycological Research</i> , 2007, 111, 832-839.	2.5	71
10	Previously unrecorded low-temperature <i>Phytophthora</i> species associated with <i>Quercus</i> decline in a Mediterranean forest in eastern Spain. <i>Forest Pathology</i> , 2013, 43, 331-339.	1.1	71
11	The Use of Genus-Specific Amplicon Pyrosequencing to Assess <i>Phytophthora</i> Species Diversity Using eDNA from Soil and Water in Northern Spain. <i>PLoS ONE</i> , 2015, 10, e0119311.	2.5	71
12	Six new <i>Phytophthora</i> species from ITS Clade 7a including two sexually functional heterothallic hybrid species detected in natural ecosystems in Taiwan. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2017, 38, 100-135.	4.4	67
13	Diversity of <i>Phytophthora</i> species in natural ecosystems of Taiwan and association with disease symptoms. <i>Plant Pathology</i> , 2017, 66, 194-211.	2.4	60
14	A Survey in Natural Forest Ecosystems of Vietnam Reveals High Diversity of both New and Described <i>Phytophthora</i> Taxa including <i>P. ramorum</i> . <i>Forests</i> , 2020, 11, 93.	2.1	53
15	Evidence for Multiple Introductions and Clonality in Spanish Populations of <i>Fusarium circinatum</i> . <i>Phytopathology</i> , 2013, 103, 851-861.	2.2	51
16	A new blight disease on <i>Buxus</i> in the UK caused by the fungus <i>Cylindrocladium</i> . <i>Plant Pathology</i> , 2000, 49, 805-805.	2.4	48
17	<i>Phytophthora niederhauserii</i> sp. nov., a polyphagous species associated with ornamentals, fruit trees and native plants in 13 countries. <i>Mycologia</i> , 2014, 106, 431-447.	1.9	47
18	Metabarcoding and development of new real-time specific assays reveal <i>Phytophthora</i> species diversity in holm oak forests in eastern Spain. <i>Plant Pathology</i> , 2017, 66, 115-123.	2.4	40

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19	The Destructive Tree Pathogen <i>Phytophthora ramorum</i> Originates from the Laurosilva Forests of East Asia. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 226.	3.5	40
20	First report of <i>Phytophthora gonapodyides</i> involved in the decline of <i>Quercus ilex</i> in xeric conditions in Spain. <i>New Disease Reports</i> , 2010, 22, 33-33.	0.8	37
21	Histology of <i>Quercus ilex</i> roots during infection by <i>Phytophthora cinnamomi</i> . <i>Trees - Structure and Function</i> , 2015, 29, 1943-1957.	1.9	30
22	<i>Nothophytophthora</i> gen. nov., a new sister genus of <i>Phytophthora</i> from natural and semi-natural ecosystems. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2017, 39, 143-174.	4.4	30
23	<i>Phytophthora pachypleura</i> sp. nov., a new species causing root rot of <i>Aucuba japonica</i> and other ornamentals in the United Kingdom. <i>Plant Pathology</i> , 2014, 63, 1095-1109.	2.4	27
24	Genetic diversity, sensitivity to phenylamide fungicides and aggressiveness of <i>Phytophthora ramorum</i> on <i>Camellia</i> , <i>Rhododendron</i> and <i>Viburnum</i> plants in Spain. <i>Plant Pathology</i> , 2011, 60, 1069-1076.	2.4	24
25	<i>Phytophthora alni</i> on <i>Alnus glutinosa</i> reported for the first time in Spain. <i>Plant Pathology</i> , 2010, 59, 798-798.	2.4	23
26	Evolutionary trait-based approaches for predicting future global impacts of plant pathogens in the genus <i>Phytophthora</i> . <i>Journal of Applied Ecology</i> , 2021, 58, 718-730.	4.0	23
27	Outbreak of a New <i>Phytophthora</i> sp. Associated with Severe Decline of Almond Trees in Eastern Spain. <i>Plant Disease</i> , 2010, 94, 534-541.	1.4	22
28	New <i>Phaeoacremonium</i> species isolated from sandalwood trees in Western Australia. <i>IMA Fungus</i> , 2014, 5, 67-77.	3.8	22
29	Characterization of <i>Armillaria heimii</i> from Africa. <i>Plant Pathology</i> , 2004, 53, 220-230.	2.4	21
30	Efficacy of hot water treatment to reduce the incidence of <i>Fusarium circinatum</i> on <i>Pinus radiata</i> seeds. <i>Forestry</i> , 2012, 85, 629-635.	2.3	21
31	Evaluation of <i>Pinus radiata</i> seed treatments to control <i>Fusarium circinatum</i> : effects on seed emergence and disease incidence. <i>Forest Pathology</i> , 2015, 45, 525-533.	1.1	19
32	Characterization of <i>Cylindrodendrum</i> , <i>Dactylonectria</i> and <i>Ilyonectria</i> isolates associated with locust decline in Spain, with description of <i>Cylindrodendrum alicantinum</i> sp. nov.. <i>European Journal of Plant Pathology</i> , 2016, 145, 103-118.	1.7	18
33	PHYTO-THREATS: Addressing Threats to UK Forests and Woodlands from <i>Phytophthora</i> ; Identifying Risks of Spread in Trade and Methods for Mitigation. <i>Forests</i> , 2021, 12, 1617.	2.1	18
34	Phenotypical and Molecular Characterisation of <i>Fusarium circinatum</i> : Correlation with Virulence and Fungicide Sensitivity. <i>Forests</i> , 2017, 8, 458.	2.1	17
35	High vegetative compatibility diversity of <i>Cryphonectria parasitica</i> infecting sweet chestnut (<i>Castanea sativa</i>) in Britain indicates multiple pathogen introductions. <i>Plant Pathology</i> , 2019, 68, 727-737.	2.4	16
36	Diversity of <i>Phytophthora</i> Species Detected in Disturbed and Undisturbed British Soils Using High-Throughput Sequencing Targeting ITS rRNA and COI mtDNA Regions. <i>Forests</i> , 2021, 12, 229.	2.1	16

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37	First Report of <i>Alternaria</i> Black Spot of Pomegranate Caused by <i>Alternaria alternata</i> in Spain. <i>Plant Disease</i> , 2014, 98, 689-689.	1.4	15
38	Two <i>Phytophthora</i> species causing decline of wild olive (<i>Olea europaea</i> subsp.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	2.4	15
39	<i>Phytophthora oleae</i> , a new root pathogen of wild olives. <i>Plant Pathology</i> , 2019, 68, 901-907.	2.4	15
40	<i>Phytophthora</i> in woody ornamental nurseries.. , 2013, , 166-177.		15
41	Morphological and Genetic Analyses of the Invasive Forest Pathogen <i>Phytophthora austrocedri</i> Reveal that Two Clonal Lineages Colonized Britain and Argentina from a Common Ancestral Population. <i>Phytopathology</i> , 2017, 107, 1532-1540.	2.2	14
42	First Report of <i>Phaeoacremonium scolyti</i> Causing Petri Disease of Grapevine in Spain. <i>Plant Disease</i> , 2008, 92, 836-836.	1.4	14
43	First Report of Circular Leaf Spot of Persimmon Caused by <i>Mycosphaerella nawae</i> in Spain. <i>Plant Disease</i> , 2010, 94, 374-374.	1.4	14
44	First report of <i>Gnomoniopsis smithogilyvi</i> causing lesions and cankers of sweet chestnut in the United Kingdom. <i>New Disease Reports</i> , 2017, 35, 20-20.	0.8	14
45	Effect of Thermal Treatments on Ni-Mn-Ga and Ni-Rich Ni-Ti-Hf/Zr High-Temperature Shape Memory Alloys. <i>Shape Memory and Superelasticity</i> , 2015, 1, 418-428.	2.2	13
46	First Report of Leaf Spot, Blight, and Stem Lesions Caused by <i>Cylindrocladium pauciramosum</i> on <i>Callistemon</i> in Spain. <i>Plant Disease</i> , 2007, 91, 1057-1057.	1.4	11
47	First Report of <i>Phaeoacremonium mortoniae</i> Causing Petri Disease of Grapevine in Spain. <i>Plant Disease</i> , 2007, 91, 1206-1206.	1.4	11
48	Using Citizen Science to monitor the spread of tree pests and diseases: outcomes of two projects in Slovenia and the UK. <i>Management of Biological Invasions</i> , 2020, 11, 703-719.	1.2	11
49	First Report of Gummy Stem Blight Caused by <i>Didymella bryoniae</i> on Grafted Watermelon in Tunisia. <i>Plant Disease</i> , 2007, 91, 468-468.	1.4	11
50	First report of <i>Phytophthora pluvialis</i> in Europe causing resinous cankers on western hemlock. <i>New Disease Reports</i> , 2022, 45, .	0.8	11
51	Occurrence of <i>Monosporascus cannonballus</i> in Watermelon Fields in Tunisia and Factors Associated with Ascospore Density in Soil. <i>Journal of Phytopathology</i> , 2010, 158, 137-142.	1.0	10
52	Effect of dsRNA on growth rate and reproductive potential of <i>Monosporascus cannonballus</i> . <i>Fungal Biology</i> , 2011, 115, 236-244.	2.5	10
53	Associations Between <i>Armillaria</i> Species and Host Plants in U.K. Gardens. <i>Plant Disease</i> , 2017, 101, 1903-1909.	1.4	10
54	First Report of Damping-Off Caused by <i>Cylindrocarpon pauciseptatum</i> on <i>Pinus radiata</i> in Spain. <i>Plant Disease</i> , 2011, 95, 874-874.	1.4	10

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55	First Report of <i>Sirosporium celtidis</i> Causing a Foliar Disease of European Hackberry in Spain. Plant Disease, 2012, 96, 1826-1826.	1.4	9
56	<i>Cylindrocladium pauciramosum</i> causes root and collar rot of <i>Polygala myrtifolia</i> in Spain.. Plant Pathology, 2006, 55, 298-298.	2.4	8
57	Hypovirulent effect of the <i>Cryphonectria hypovirus 1</i> in British isolates of <i>Cryphonectria parasitica</i> . Pest Management Science, 2020, 76, 1333-1343.	3.4	8
58	First Report of <i>Cylindrocladiella parva</i> and <i>C. peruviana</i> Associated with Black-foot Disease of Grapevine in Spain. Plant Disease, 2012, 96, 1381-1381.	1.4	7
59	First finding of <i>Phytophthora foliorum</i> in the United Kingdom. New Disease Reports, 2016, 34, 2-2.	0.8	7
60	First Report of <i>Pythium indigoferae</i> and <i>P. irregulare</i> Associated to Apple Trees Decline in Tunisia. Journal of Phytopathology, 2011, 159, 352-357.	1.0	6
61	(2085) Proposal to conserve the name <i>Cylindrocladium buxicola</i> against <i>C. pseudonaviculatum</i> (Ascomycota). Taxon, 2012, 61, 1119-1120.	0.7	6
62	First Report of Shoot Blight Caused by <i>Sirococcus tsugae</i> on Atlantic Cedar (<i>Cedrus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	1.4	6
63	First Report of Leaf Spot and Twig Blight of <i>Rhododendron</i> spp. Caused by <i>Phytophthora hibernalis</i> in Spain. Plant Disease, 2007, 91, 909-909.	1.4	6
64	First Report of <i>Campylocarpon fasciculare</i> Causing Black Foot Disease of Grapevine in Spain. Plant Disease, 2011, 95, 1028-1028.	1.4	5
65	First report of <i>Cryphonectria parasitica</i> on abandoned galls of <i>Dryocosmus kuriphilus</i> on sweet chestnut in the United Kingdom. New Disease Reports, 2020, 41, 34-34.	0.8	5
66	Identification of <i>Pythium tracheiphilum</i> as the causal agent of vascular necrosis of endive (<i>Cichorium</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 4	1.2	4
67	First Report of <i>Phoma exigua</i> var. <i>heteromorpha</i> Causing Oleander Dieback in Spain. Plant Disease, 2005, 89, 775-775.	1.4	4
68	Lavender Cotton Root Rot: A New Host of <i>Phytophthora tentaculata</i> Found in Spain. Plant Disease, 2006, 90, 523-523.	1.4	4
69	New detections of chestnut blight in Great Britain during 2019â€“2020 reveal high <i>Cryphonectria parasitica</i> diversity and limited spread of the disease. Plant Pathology, 0, , .	2.4	4
70	Survey and Monitoring of <i>Phytophthora</i> Species in Natural Ecosystems: Methods for Sampling, Isolation, Purification, Storage, and Pathogenicity Tests. Methods in Molecular Biology, 2022, , 13-49.	0.9	4
71	Incidence of the emerging pathogen <i>Neonectria neomacrospora</i> on <i>Abies taxa</i> in the National Arboreta in England (UK). Forest Ecology and Management, 2021, 492, 119207.	3.2	2
72	<i>Phytophthora siskiyouensis</i> causing stem lesions and cankers on <i>Alnus incana</i> . New Disease Reports, 2015, 31, 17-17.	0.8	2

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73	Bleeding Canker on Mesquite in Peru caused by <i>Phytophthora syringae</i> . <i>Plant Disease</i> , 2007, 91, 226-226.	1.4	1
74	First report of <i>Sirococcus piceicola</i> associated with Sitka spruce seed in Britain. <i>New Disease Reports</i> , 2021, 44, .	0.8	0