

# Iñigo Zabalgogea

## List of Publications by Year in descending order

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Version: 2024-02-01

72  
papers

1,915  
citations

257450

24  
h-index

289244

40  
g-index

73  
all docs

73  
docs citations

73  
times ranked

1795  
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-systemic fungal endophytes of grasses. <i>Fungal Ecology</i> , 2012, 5, 289-297.	1.6	124
2	Endophytic mycobiota of leaves and roots of the grass <i>Holcus lanatus</i> . <i>Fungal Diversity</i> , 2010, 41, 115-123.	12.3	119
3	Use of near-infrared reflectance spectroscopy in predicting nitrogen, phosphorus and calcium contents in heterogeneous woody plant species. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 382, 458-465.	3.7	95
4	Prevalence and Diversity of Viruses in the Entomopathogenic Fungus <i>Beauveria bassiana</i> . <i>Applied and Environmental Microbiology</i> , 2012, 78, 8523-8530.	3.1	76
5	Biocontrol and growth enhancement potential of two endophytic <i>Trichoderma</i> spp. from <i>Terminalia catappa</i> against the causative agent of Common Bean Root Rot ( <i>Fusarium solani</i> ). <i>Biological Control</i> , 2016, 96, 8-20.	3.0	73
6	Enzymatic activity of endophytic fungi from the medicinal plants <i>Terminalia catappa</i> , <i>Terminalia mantaly</i> and <i>Cananga odorata</i> . <i>South African Journal of Botany</i> , 2017, 109, 146-153.	2.5	67
7	Mycoviruses are common among different species of endophytic fungi of grasses. <i>Archives of Virology</i> , 2009, 154, 327-330.	2.1	60
8	Fungal Endophyte ( <i>Epichloë festucae</i> ) Alters the Nutrient Content of <i>Festuca rubra</i> Regardless of Water Availability. <i>PLoS ONE</i> , 2013, 8, e84539.	2.5	59
9	Effects of the infection by the fungal endophyte <i>Epichloë festucae</i> in the growth and nutrient content of <i>Festuca rubra</i> . <i>European Journal of Agronomy</i> , 2006, 24, 374-384.	4.1	57
10	Untapping the potential of plant mycobiomes for applications in agriculture. <i>Current Opinion in Plant Biology</i> , 2021, 60, 102034.	7.1	56
11	The infection of <i>Festuca rubra</i> by the fungal endophyte <i>Epichloë festucae</i> in Mediterranean permanent grasslands. <i>Grass and Forage Science</i> , 1999, 54, 91-95.	2.9	50
12	Mycoviruses infecting the endophytic and entomopathogenic fungus <i>Tolypocladium cylindrosporum</i> . <i>Virus Research</i> , 2011, 160, 409-413.	2.2	49
13	A totivirus infecting the mutualistic fungal endophyte <i>Epichloë festucae</i> . <i>Virus Research</i> , 2007, 124, 38-43.	2.2	48
14	An <i>Epichloë</i> endophyte affects the competitive ability of <i>Festuca rubra</i> against other grassland species. <i>Plant and Soil</i> , 2013, 362, 201-213.	3.7	44
15	Genetic structure of natural populations of the grass endophyte <i>Epichloë festucae</i> in semiarid grasslands. <i>Molecular Ecology</i> , 2002, 11, 355-364.	3.9	41
16	Near-infrared reflectance spectroscopy as a fast and non-destructive tool to predict foliar organic constituents of several woody species. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 1823-1833.	3.7	41
17	A Survey of Culturable Fungal Endophytes From <i>Festuca rubra</i> subsp. <i>pruinosa</i> , a Grass From Marine Cliffs, Reveals a Core Microbiome. <i>Frontiers in Microbiology</i> , 2018, 9, 3321.	3.5	40
18	Use of Near Infrared Reflectance Spectroscopy to Assess Forage Quality of a Mediterranean Shrub. <i>Communications in Soil Science and Plant Analysis</i> , 2004, 35, 665-678.	1.4	39

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19	Double-stranded ribonucleic acid in <i>Barsoy</i> ™ barley. <i>Plant Science</i> , 1992, 83, 187-194.	3.6	35
20	Fungal species diversity in juvenile and adult leaves of <i>Eucalyptus globulus</i> from plantations affected by <i>Mycosphaerella</i> leaf disease. <i>Annals of Applied Biology</i> , 2011, 158, 177-187.	2.5	33
21	Are endophytes an important link between airborne spores and allergen exposure?. <i>Fungal Diversity</i> , 2013, 60, 33-42.	12.3	32
22	Non-systemic fungal endophytes in <i>Festuca rubra</i> plants infected by <i>Epichloë festucae</i> in subarctic habitats. <i>Fungal Diversity</i> , 2013, 60, 25-32.	12.3	31
23	An ecological framework for understanding the roles of <i>Epichloë</i> endophytes on plant defenses against fungal diseases. <i>Fungal Biology Reviews</i> , 2020, 34, 115-125.	4.7	31
24	<i>Epichloë</i> endophytes affect the nutrient and fiber content of <i>Lolium perenne</i> regardless of plant genotype. <i>Plant and Soil</i> , 2016, 405, 265-277.	3.7	30
25	<i>Brassica oleracea</i> var. <i>acephala</i> (kale) improvement by biological activity of root endophytic fungi. <i>Scientific Reports</i> , 2020, 10, 20224.	3.3	25
26	Double-stranded RNA and virus-like particles in the grass endophyte <i>Epichloë festucae</i> . <i>Mycological Research</i> , 1998, 102, 914-918.	2.5	23
27	Ergovaline occurrence in grasses infected by fungal endophytes of semi-arid pastures in Spain. <i>Journal of the Science of Food and Agriculture</i> , 2003, 83, 347-353.	3.5	23
28	Fungal endophytes in grasses from semi-arid permanent grasslands of western Spain. <i>Grass and Forage Science</i> , 2003, 58, 94-97.	2.9	22
29	Occurrence of Alkaloids in Grass Seeds Symbiotic With Vertically-Transmitted <i>Epichloë</i> Fungal Endophytes and Its Relationship With Antioxidants. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	2.2	22
30	Pedigree analysis of the transmission of a double-stranded RNA in barley cultivars. <i>Plant Science</i> , 1993, 91, 45-53.	3.6	21
31	Relationships between the genetic distance of <i>Epichloë festucae</i> isolates and the ergovaline and peramine contents of their <i>Festuca rubra</i> hosts. <i>Annals of Applied Biology</i> , 2010, 156, 51-61.	2.5	20
32	Tick pathogenicity, thermal tolerance and virus infection in <i>Tolyposcladium cylindrosporium</i> . <i>Annals of Applied Biology</i> , 2011, 159, 192-201.	2.5	20
33	Germination response of endophytic <i>Festuca rubra</i> seeds in the presence of arsenic. <i>Grass and Forage Science</i> , 2014, 69, 462-469.	2.9	20
34	Assessment of the potential of NIR spectroscopy for the estimation of nitrogen content in grasses from semiarid grasslands. <i>Animal Feed Science and Technology</i> , 1999, 77, 91-98.	2.2	19
35	The infection of <i>Festuca rubra</i> subsp. <i>pruinosa</i> by <i>Epichloë festucae</i> . <i>Grass and Forage Science</i> , 2006, 61, 71-76.	2.9	19
36	Solutions to decrease a systematic error related to AAPH addition in the fluorescence-based ORAC assay. <i>Analytical Biochemistry</i> , 2017, 519, 27-29.	2.4	19

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37	Conditioned media and organic elicitors underpin the production of potent antiplasmodial metabolites by endophytic fungi from Cameroonian medicinal plants. <i>Parasitology Research</i> , 2018, 117, 2473-2485.	1.6	17
38	Pathogenicity of endophytic entomopathogenic fungi to <i>Ornithodoros erraticus</i> and <i>Ornithodoros moubata</i> (Acari: Argasidae). <i>Veterinary Parasitology</i> , 2008, 158, 336-343.	1.8	16
39	Entomopathogenic and Nematophagous Fungal Endophytes. , 2014, , 85-99.		16
40	Direct and indirect effects of the fungal endophyte <i>Epichloa uncinatum</i> on litter decomposition of the host grass, <i>Schedonorus pratensis</i> . <i>Plant Ecology</i> , 2017, 218, 1107-1115.	1.6	16
41	Role of foliar fungal endophytes in litter decomposition among species and population origins. <i>Fungal Ecology</i> , 2016, 21, 50-56.	1.6	15
42	Influence of fungal endophyte infection on nutrient element content of tall fescue. <i>Journal of Plant Nutrition</i> , 1999, 22, 163-176.	1.9	14
43	Interaction between plant genotype and the symbiosis with <i>Epichloa</i> fungal endophytes in seeds of red fescue ( <i>Festuca rubra</i> ). <i>Crop and Pasture Science</i> , 2011, 62, 1010.	1.5	14
44	Antioxidants in <i>Festuca rubra</i> L. seeds affected by the fungal symbiont <i>Epichloa festucae</i> . <i>Symbiosis</i> , 2012, 58, 73-80.	2.3	14
45	Physiological and population genetic analysis of <i>Botrytis</i> field isolates from vineyards in Castilla y León, Spain. <i>Plant Pathology</i> , 2019, 68, 523-536.	2.4	14
46	Mycovirus effect on the endophytic establishment of the entomopathogenic fungus <i>Tolypocladium cylindrosporum</i> in tomato and bean plants. <i>BioControl</i> , 2013, 58, 225-232.	2.0	13
47	<i>Aphelenchoides besseyi</i> Christie (Nematoda: Aphelenchoididae), agente causal del amachamiento del frijol común. <i>Tropical Plant Pathology</i> , 2013, 38, 243-252.	1.5	13
48	Ergovaline levels in cultivars of <i>Festuca arundinacea</i> . <i>Animal Feed Science and Technology</i> , 2001, 93, 169-176.	2.2	10
49	Direct classification of related species of fungal endophytes ( <i>Epichloa</i> spp.) using visible and near-infrared spectroscopy and multivariate analysis. <i>FEMS Microbiology Letters</i> , 2008, 284, 135-141.	1.8	10
50	Effects of choke disease in the grass <i>Brachypodium phoenicoides</i> . <i>Plant Pathology</i> , 2008, 57, 467-472.	2.4	10
51	Qualitative and quantitative analysis of endophyte alkaloids in perennial ryegrass using near-infrared spectroscopy. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 5028-5036.	3.5	10
52	Screening fungal endophytes from a wild grass for growth promotion in tritordeum, an agricultural cereal. <i>Plant Science</i> , 2021, 303, 110762.	3.6	10
53	Sympatric <i>Epichloa</i> species and chemotypic profiles in natural populations of <i>Lolium perenne</i> . <i>Fungal Ecology</i> , 2019, 39, 231-241.	1.6	9
54	Unencapsidated double-stranded RNA associated with membrane vesicles in isolates of <i>Alternaria solani</i> . <i>Mycological Research</i> , 1997, 101, 604-608.	2.5	8

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55	Fungal alkaloids in populations of endophyte-infected <i>Festuca rubra</i> subsp. <i>pruinosa</i> . <i>Grass and Forage Science</i> , 2007, 62, 364-371.	2.9	8
56	A spectroscopy approach to the study of virus infection in the endophytic fungus <i>Epichloë festucae</i> . <i>Virology Journal</i> , 2011, 8, 286.	3.4	8
57	Production of fumonisins by endophytic strains of <i>Tolypocladium cylindrosporum</i> and its relation to fungal virus infection. <i>Mycotoxin Research</i> , 2018, 34, 49-57.	2.3	8
58	Local adaptation in natural European host grass populations with asymmetric symbiosis. <i>PLoS ONE</i> , 2019, 14, e0215510.	2.5	8
59	Cultivation and growth dynamics of endophytic fungi in a solid culture medium based on sugar beet pulp. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 441-446.	3.5	8
60	Non-systemic fungal endophytes in <i>Carex brevicollis</i> may influence the toxicity of the sedge to livestock. <i>Spanish Journal of Agricultural Research</i> , 2014, 12, 623.	0.6	8
61	Variation and plasticity in <i>Epichloë</i> alkaloid content of <i>Festuca rubra</i> across Europe. <i>Fungal Ecology</i> , 2020, 47, 100942.	1.6	7
62	A Bipartite Geminivirus Infecting Tomatoes in Cuba. <i>Plant Disease</i> , 1997, 81, 1215-1215.	1.4	7
63	A Diaporthe Fungal Endophyte From a Wild Grass Improves Growth and Salinity Tolerance of Tritordeum and Perennial Ryegrass. <i>Frontiers in Plant Science</i> , 2022, 13, .	3.6	7
64	First Report of Grapevine Virus A in Spain. <i>Plant Disease</i> , 1997, 81, 830-830.	1.4	6
65	Near-infrared spectroscopy allows detection and species identification of <i>Epichloë</i> endophytes in <i>Lolium perenne</i> . <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 5037-5044.	3.5	4
66	The Role of Fungal Microbiome Components on the Adaptation to Salinity of <i>Festuca rubra</i> subsp. <i>pruinosa</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 695717.	3.6	4
67	<i>Biscogniauxia nummularia</i> infecting beech ( <i>Fagus sylvatica</i> ) trees and sympatric plants of the sedge <i>Carex brevicollis</i> . <i>Forest Pathology</i> , 2015, 45, 346-348.	1.1	3
68	Systemic fungal endophytes and ploidy level in <i>Festuca vivipara</i> populations in North European Islands. <i>Plant Systematics and Evolution</i> , 2014, 300, 1683-1691.	0.9	2
69	Identification of the Fungal Endophyte <i>Epichloë festucae</i> in the Fine Fescue <i>Festuca ampla</i> . <i>Plant Disease</i> , 2002, 86, 1272-1272.	1.4	2
70	First Report of Choke Disease Caused by <i>Epichloë baconii</i> in the Grass <i>Agrostis castellana</i> . <i>Plant Disease</i> , 2003, 87, 314-314.	1.4	2
71	Data on litter quality of host grass plants with and without fungal endophytes. <i>Data in Brief</i> , 2016, 7, 1469-1472.	1.0	1
72	Disruption of Traditional Grazing and Fire Regimes Shape the Fungal Endophyte Assemblages of the Tall-Grass <i>Brachypodium rupestre</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 679729.	3.5	1