

Susana RodrÃ-guez-EcheverrÃ-a

List of Publications by Year in descending order

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79
papers

3,230
citations

101543

36
h-index

161849

54
g-index

84
all docs

84
docs citations

84
times ranked

3804
citing authors

#	ARTICLE	IF	CITATIONS
1	Azorella Cushion Plants and Aridity are Important Drivers of Soil Microbial Communities in Andean Ecosystems. <i>Ecosystems</i> , 2021, 24, 1576-1590.	3.4	10
2	Nuevos tiempos, nuevos cambios también para Ecosistemas. <i>Ecosistemas</i> , 2021, 30, 2213.	0.4	0
3	Land-use history alters the diversity, community composition and interaction networks of ectomycorrhizal fungi in beech forests. <i>Journal of Ecology</i> , 2021, 109, 2856-2870.	4.0	17
4	Exploring the use of residues from the invasive <i>Acacia</i> sp. for weed control. <i>Renewable Agriculture and Food Systems</i> , 2020, 35, 26-37.	1.8	16
5	Complex patterns in tolerance and resistance to pests and diseases underpin the domestication of tomato. <i>New Phytologist</i> , 2020, 226, 254-266.	7.3	24
6	<i>Azorella compacta</i> : survival champions in extreme, high-elevation environments. <i>Ecosphere</i> , 2020, 11, e03031.	2.2	6
7	Integrating plant species contribution to mycorrhizal and seed dispersal mutualistic networks. <i>Biology Letters</i> , 2019, 15, 20180770.	2.3	6
8	First evidence for the joint dispersal of mycorrhizal fungi and plant diaspores by birds. <i>New Phytologist</i> , 2019, 222, 1054-1060.	7.3	48
9	Multilayer networks reveal the spatial structure of seed-dispersal interactions across the Great Rift landscapes. <i>Nature Communications</i> , 2018, 9, 140.	12.8	52
10	Should I stay or should I go? Mycorrhizal plants are more likely to invest in long-distance seed dispersal than non-mycorrhizal plants. <i>Ecology Letters</i> , 2018, 21, 683-691.	6.4	31
11	<i>Funneliformis mosseae</i> and Invasion by Exotic Legumes in a Brazilian Tropical Seasonal Dry Forest. <i>Russian Journal of Ecology</i> , 2018, 49, 500-506.	0.9	2
12	Diminishing importance of elaiosomes for acacia seed removal in non-native ranges. <i>Evolutionary Ecology</i> , 2018, 32, 601-621.	1.2	6
13	Mimicking a rainfall gradient to test the role of soil microbiota for mediating plant responses to drier conditions. <i>Oikos</i> , 2018, 127, 1776-1786.	2.7	17
14	The shift from plant-plant facilitation to competition under severe water deficit is spatially explicit. <i>Ecology and Evolution</i> , 2017, 7, 2441-2448.	1.9	45
15	Variation in seed packaging of a fleshy-fruited conifer provides insights into the ecology and evolution of multi-seeded fruits. <i>Plant Biology</i> , 2017, 19, 533-541.	3.8	3
16	Refaunation and the reinstatement of the seed dispersal function in Gorongosa National Park. <i>Conservation Biology</i> , 2017, 31, 76-85.	4.7	49
17	Arbuscular mycorrhizal fungi communities from tropical Africa reveal strong ecological structure. <i>New Phytologist</i> , 2017, 213, 380-390.	7.3	96
18	Premio al mejor revisor de Ecosistemas del bienio 2015-2016. <i>Ecosistemas</i> , 2017, 26, 89-89.	0.4	0

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19	Ecosistemas: seguimos creciendo. Ecosistemas, 2017, 26, 86-87.	0.4	0
20	Premio "Ecosistemas" al mejor resumen de Tesis Doctoral publicado en 2016. Ecosistemas, 2017, 26, 90-90.	0.4	0
21	Could biological invasion by <i>Cryptostegia madagascariensis</i> alter the composition of the arbuscular mycorrhizal fungal community in semi-arid Brazil?. <i>Acta Botanica Brasilica</i> , 2016, 30, 93-101.	0.8	21
22	Evidence for enemy release and increased seed production and size for two invasive Australian acacias. <i>Journal of Ecology</i> , 2016, 104, 1391-1399.	4.0	44
23	Trends in plant and soil microbial diversity associated with Mediterranean extensive cereal "fallow rotation agro-ecosystems. <i>Agriculture, Ecosystems and Environment</i> , 2016, 217, 33-40.	5.3	17
24	Two invasive acacia species secure generalist pollinators in invaded communities. <i>Acta Oecologica</i> , 2016, 74, 46-55.	1.1	20
25	Changes in microhabitat, but not allelopathy, affect plant establishment after <i>Acacia dealbata</i> invasion. <i>Journal of Plant Ecology</i> , 2016, , rtw061.	2.3	13
26	Identification of symbiotic nitrogen-fixing bacteria from three African leguminous trees in Gorongosa National Park. <i>Systematic and Applied Microbiology</i> , 2016, 39, 350-358.	2.8	12
27	Inconsistency in the detection of phytotoxic effects: A test with <i>Acacia dealbata</i> extracts using two different methods. <i>Phytochemistry Letters</i> , 2016, 15, 190-198.	1.2	11
28	Influence of soil microbiota in nurse plant systems. <i>Functional Ecology</i> , 2016, 30, 30-40.	3.6	59
29	Arbuscular mycorrhizal fungi in <i>Mimosa tenuiflora</i> (Willd.) Poir from Brazilian semi-arid. <i>Brazilian Journal of Microbiology</i> , 2016, 47, 359-366.	2.0	30
30	Impacts of the alien trees <i>Ailanthus altissima</i> (Mill.) Swingle and <i>Robinia pseudoacacia</i> L. on soil nutrients and microbial communities. <i>Soil Biology and Biochemistry</i> , 2016, 96, 65-73.	8.8	29
31	Pre-dispersal predation effect on seed packaging strategies and seed viability. <i>Oecologia</i> , 2016, 180, 91-102.	2.0	14
32	I Simposio sobre interacciones planta-suelo (Madrid, 25-26 febrero 2016). <i>Ecosistemas</i> , 2016, 25, 114.	0.4	2
33	Is there a bias in participation and visibility against women in ecology? A comparison between Iberian and Swiss conferences. , 2016, 25, 105-111.		0
34	Reproductive success of <i>Acacia longifolia</i> (Fabaceae, Mimosoideae) in native and invasive populations. <i>Australian Journal of Botany</i> , 2015, 63, 387.	0.6	13
35	Putative linkages between below- and aboveground mutualisms during alien plant invasions. <i>AoB PLANTS</i> , 2015, 7, plv062.	2.3	12
36	Invasion genetics of the <i>Bermuda buttercup</i> (<i>Oxalis pes-caprae</i>): complex intercontinental patterns of genetic diversity, polyploidy and heterostyly characterize both native and introduced populations. <i>Molecular Ecology</i> , 2015, 24, 2143-2155.	3.9	37

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37	Transplanting native woody legumes: a suitable option for the revegetation of coastal dunes. <i>Ecological Research</i> , 2015, 30, 49-55.	1.5	3
38	Contrasting soil fungal communities in Mediterranean pine forests subjected to different wildfire frequencies. <i>Fungal Diversity</i> , 2015, 70, 85-99.	12.3	33
39	Effect of physiological integration in self/non-self genotype recognition on the clonal invader <i>Carpobrotus edulis</i> . <i>Journal of Plant Ecology</i> , 2014, 7, 413-418.	2.3	21
40	Species composition of arbuscular mycorrhizal fungi differ in semi-natural and intensively managed pastures in an isolated oceanic island (Terceira, Azores). <i>Symbiosis</i> , 2014, 64, 73-85.	2.3	18
41	Disparate origins of <i>Bradyrhizobium</i> symbionts for invasive populations of <i>Cytisus scoparius</i> (Leguminosae) in North America. <i>FEMS Microbiology Ecology</i> , 2014, 89, 89-98.	2.7	34
42	Genetic Diversity and Differentiation of <i>Juniperus thurifera</i> in Spain and Morocco as Determined by SSR. <i>PLoS ONE</i> , 2014, 9, e88996.	2.5	80
43	Genetic diversity of root nodulating bacteria associated with <i>Retama sphaerocarpa</i> in sites with different soil and environmental conditions. <i>Systematic and Applied Microbiology</i> , 2014, 37, 305-310.	2.8	16
44	Reproductive biology and success of invasive Australian acacias in Portugal. <i>Botanical Journal of the Linnean Society</i> , 2014, 174, 574-588.	1.6	37
45	Adaptive plasticity to heterogeneous environments increases capacity for division of labor in the clonal invader <i>Carpobrotus edulis</i> (Aizoaceae). <i>American Journal of Botany</i> , 2014, 101, 1301-1308.	1.7	45
46	Developmentally-programmed division of labour in the clonal invader <i>Carpobrotus edulis</i> . <i>Biological Invasions</i> , 2013, 15, 1895-1905.	2.4	45
47	The effect of soil legacy on competition and invasion by <i>Acacia dealbata</i> Link. <i>Plant Ecology</i> , 2013, 214, 1139-1146.	1.6	58
48	A role for below-ground biota in plant plant facilitation. <i>Journal of Ecology</i> , 2013, 101, 1420-1428.	4.0	66
49	Differential impact on soil microbes of allelopathic compounds released by the invasive <i>Acacia dealbata</i> Link. <i>Soil Biology and Biochemistry</i> , 2013, 57, 156-163.	8.8	108
50	Co-introduction of exotic rhizobia to the rhizosphere of the invasive legume <i>Acacia saligna</i> , an intercontinental study. <i>Applied Soil Ecology</i> , 2013, 64, 118-126.	4.3	61
51	No allelopathic effect of the invader <i>Acacia dealbata</i> on the potential infectivity of arbuscular mycorrhizal fungi from native soils. <i>European Journal of Soil Biology</i> , 2013, 58, 42-44.	3.2	8
52	Influence of soil microorganisms, allelopathy and soil origin on the establishment of the invasive <i>Acacia dealbata</i> . <i>Plant Ecology and Diversity</i> , 2012, 5, 67-73.	2.4	23
53	Differential effectiveness of novel and old legume rhizobia mutualisms: implications for invasion by exotic legumes. <i>Oecologia</i> , 2012, 170, 253-261.	2.0	71
54	Is the potential for the formation of common mycorrhizal networks influenced by fire frequency?. <i>Soil Biology and Biochemistry</i> , 2012, 46, 136-144.	8.8	32

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55	Jack-of-all-trades and master of many? How does associated rhizobial diversity influence the colonization success of Australian <i>Acacia</i> species?. <i>Diversity and Distributions</i> , 2011, 17, 946-957.	4.1	95
56	Relationships between biological soil crusts, bacterial diversity and abundance, and ecosystem functioning: Insights from a semi-arid Mediterranean environment. <i>Journal of Vegetation Science</i> , 2011, 22, 165-174.	2.2	95
57	A field test of the stress-gradient hypothesis along an aridity gradient. <i>Journal of Vegetation Science</i> , 2011, 22, 818-827.	2.2	153
58	Physiological integration increases the survival and growth of the clonal invader <i>Carpobrotus edulis</i> . <i>Biological Invasions</i> , 2010, 12, 1815-1823.	2.4	95
59	Plant-soil feedback as a mechanism of invasion by <i>Carpobrotus edulis</i> . <i>Biological Invasions</i> , 2010, 12, 3637-3648.	2.4	60
60	Rhizobial hitchhikers from Down Under: invasional meltdown in a plant-bacteria mutualism?. <i>Journal of Biogeography</i> , 2010, 37, 1611-1622.	3.0	64
61	Impact of wildfire return interval on the ectomycorrhizal resistant propagules communities of a Mediterranean open forest. <i>Fungal Biology</i> , 2010, 114, 628-636.	2.5	77
62	Diversity of soil basidiomycete communities associated with <i>Quercus suber</i> L. in Portuguese montados. <i>European Journal of Soil Biology</i> , 2010, 46, 280-287.	3.2	10
63	Effect of invasive <i>Acacia dealbata</i> Link on soil microorganisms as determined by PCR-DGGE. <i>Applied Soil Ecology</i> , 2010, 44, 245-251.	4.3	107
64	Can root-feeders alter the composition of AMF communities? Experimental evidence from the dune grass <i>Ammophila arenaria</i> . <i>Basic and Applied Ecology</i> , 2009, 10, 131-140.	2.7	26
65	Belowground mutualists and the invasive ability of <i>Acacia longifolia</i> in coastal dunes of Portugal. <i>Biological Invasions</i> , 2009, 11, 651-661.	2.4	116
66	Fungal diversity in ancient documents. A case study on the Archive of the University of Coimbra. <i>International Biodeterioration and Biodegradation</i> , 2009, 63, 626-629.	3.9	111
67	Arbuscular mycorrhizal fungi of <i>Ammophila arenaria</i> (L.) Link: Spore abundance and root colonisation in six locations of the European coast. <i>European Journal of Soil Biology</i> , 2008, 44, 30-36.	3.2	46
68	Genetic Diversity and Differentiation of <i>Ammophila arenaria</i> (L.) Link as Revealed by ISSR Markers. <i>Journal of Coastal Research</i> , 2008, 241, 122-126.	0.3	14
69	Genetic Diversity of Rhizobia Associated with <i>Acacia longifolia</i> in Two Stages of Invasion of Coastal Sand Dunes. <i>Applied and Environmental Microbiology</i> , 2007, 73, 5066-5070.	3.1	38
70	Biodiversity and Interactions in the Rhizosphere. <i>Books in Soils, Plants, and the Environment</i> , 2007, , .	0.1	0
71	Nematode Interactions in Nature: Models for Sustainable Control of Nematode Pests of Crop Plants?. <i>Advances in Agronomy</i> , 2006, 89, 227-260.	5.2	54
72	Mechanism of control of root-feeding nematodes by mycorrhizal fungi in the dune grass <i>Ammophila arenaria</i> . <i>New Phytologist</i> , 2006, 169, 829-840.	7.3	166

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73	Diversity of AMF associated with <i>Ammophila arenaria</i> ssp. <i>arundinacea</i> in Portuguese sand dunes. <i>Mycorrhiza</i> , 2006, 16, 543-552.	2.8	55
74	Potential use of Iberian shrubby legumes and rhizobia inoculation in revegetation projects under acidic soil conditions. <i>Applied Soil Ecology</i> , 2005, 29, 203-208.	4.3	39
75	Effect of smoke, charred wood, and nitrogenous compounds on seed germination of ten species from woodland in central-western Spain. <i>Journal of Chemical Ecology</i> , 2003, 29, 237-251.	1.8	85
76	Analysis of the legume-rhizobia symbiosis in shrubs from central western Spain. <i>Journal of Applied Microbiology</i> , 2003, 95, 1367-1374.	3.1	64
77	Soil fertility and herb facilitation mediated by <i>Retama sphaerocarpa</i> . <i>Journal of Vegetation Science</i> , 2003, 14, 807-814.	2.2	57
78	Seasonal variation in AMF colonisation, soil and plant nutrient content in gypsum specialist and generalist species growing in P-poor soils. <i>Plant and Soil</i> , 0, , 1.	3.7	8
79	Invasional meltdown via horizontal gene transfer of a European symbiosis island variant in North American nodule symbionts of <i>Cytisus scoparius</i> . <i>Biological Invasions</i> , 0, , 1.	2.4	0