

Rosa Maria Canals

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4992085/publications.pdf>

Version: 2024-02-01

33
papers

481
citations

687363

13
h-index

752698

20
g-index

36
all docs

36
docs citations

36
times ranked

626
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainability of traditional pastoral fires in highlands under global change: Effects on soil function and nutrient cycling. <i>Agriculture, Ecosystems and Environment</i> , 2016, 235, 155-163.	5.3	48
2	HOW DISTURBANCE BY FOSSORIAL MAMMALS ALTERS N CYCLING IN A CALIFORNIA ANNUAL GRASSLAND. <i>Ecology</i> , 2003, 84, 875-881.	3.2	43
3	Allelopathic potential of <i>Lolium rigidum</i> Gaud. on the early growth of three associated pasture species. <i>Grass and Forage Science</i> , 2004, 59, 107-112.	2.9	35
4	Title is missing!. , 2000, 9, 965-984.		34
5	Autotoxicity in <i>Lolium rigidum</i> : analyzing the role of chemically mediated interactions in annual plant populations. <i>Journal of Theoretical Biology</i> , 2005, 235, 402-407.	1.7	33
6	Soil nutrient fluxes and vegetation changes on molehills. <i>Journal of Vegetation Science</i> , 2000, 11, 23-30.	2.2	30
7	Changes in soil nitrogen dynamics caused by prescribed fires in dense gorse lands in SW Pyrenees. <i>Science of the Total Environment</i> , 2018, 639, 175-185.	8.0	25
8	Emerging conflicts for the environmental use of water in high-valuable rangelands. Can livestock water ponds be managed as artificial wetlands for amphibians?. <i>Ecological Engineering</i> , 2011, 37, 1443-1452.	3.6	22
9	Modelling the combined effect of chemical interference and resource competition on the individual growth of two herbaceous populations. <i>Plant and Soil</i> , 2007, 292, 95-103.	3.7	20
10	Nutrient pulses after prescribed winter fires and preferential patterns of N uptake may contribute to the expansion of <i>Brachypodium pinnatum</i> (L) P . Br in highland grasslands. <i>Applied Vegetation Science</i> , 2014, 17, 419-428.	1.9	18
11	Horse meat production in northern Spain: ecosystem services and sustainability in High Nature Value farmland. <i>Animal Frontiers</i> , 2021, 11, 47-54.	1.7	18
12	Decoupling of traditional burnings and grazing regimes alters plant diversity and dominant species competition in high-mountain grasslands. <i>Science of the Total Environment</i> , 2021, 790, 147917.	8.0	16
13	Plant-herbivory feedbacks and selective allocation of a toxic metal are behind the stability of degraded covers dominated by <i>Brachypodium pinnatum</i> in acidic soils. <i>Plant and Soil</i> , 2017, 415, 373-386.	3.7	15
14	Land use change effects on carbon and nitrogen stocks in the Pyrenees during the last 150 years: A modeling approach. <i>Ecological Modelling</i> , 2015, 312, 322-334.	2.5	14
15	Heathland dynamics in biotically disturbed areas: on the role of some features enhancing heath success. <i>Acta Oecologica</i> , 2002, 23, 303-312.	1.1	10
16	Chances of loss of fungal endophytes in agronomic grasses: A case-study for <i>Lolium rigidum</i> . <i>Agriculture, Ecosystems and Environment</i> , 2008, 127, 146-152.	5.3	10
17	Combined effects of labile and recalcitrant carbon on short-term availability of nitrogen in intensified arable soil. <i>European Journal of Soil Science</i> , 2014, 65, 377-385.	3.9	10
18	Disruption of traditional land use regimes causes an economic loss of provisioning services in high-mountain grasslands. <i>Ecosystem Services</i> , 2020, 46, 101200.	5.4	10

#	ARTICLE	IF	CITATIONS
19	Plant Functional Diversity, Climate and Grazer Type Regulate Soil Activity in Natural Grasslands. <i>Agronomy</i> , 2020, 10, 1291.	3.0	8
20	Landscape in motion: revisiting the role of key disturbances in the preservation of mountain ecosystems. <i>Cuadernos De Investigacion Geografica</i> , 2019, 45, 515-531.	1.1	8
21	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
22	Plant Colonizers Shape Early N-dynamics in Gopher-mounds. <i>Plant and Soil</i> , 2005, 276, 327-334.	3.7	7
23	Soil bacterial functional diversity mirrors the loss of plant diversity by the expansion of a native tall-grass in high mountain grasslands. <i>Plant and Soil</i> , 2019, 445, 243-257.	3.7	7
24	Interactions between biogeochemical and management factors explain soil organic carbon in Pyrenean grasslands. <i>Biogeosciences</i> , 2020, 17, 6033-6050.	3.3	7
25	Positive Effects of Legumes on Soil Organic Carbon Stocks Disappear at High Legume Proportions Across Natural Grasslands in the Pyrenees. <i>Ecosystems</i> , 2022, 25, 960-975.	3.4	5
26	Relating the spatial distribution of a tall-grass to fertility islands in a temperate mountain grassland. <i>Soil Biology and Biochemistry</i> , 2021, 163, 108455.	8.8	5
27	Comparison of Culturing and Metabarcoding Methods to Describe the Fungal Endophytic Assemblage of <i>Brachypodium rupestre</i> Growing in a Range of Anthropized Disturbance Regimes. <i>Biology</i> , 2021, 10, 1246.	2.8	5
28	<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
29	3ª edición de la Escuela de Ecología de Verano UPNA (2017). <i>Ecosistemas</i> , 2017, 26, 112-113.	0.4	3
30	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
31	Training future researchers: introducing ecological and environmental science to the school. <i>Ecosistemas</i> , 2019, 28, 116-119.	0.4	1
32	Curso apoyado por la AEET: Escuela de Ecología de Verano UPNA 2015. <i>Ecosistemas</i> , 2015, 24, 104-106.	0.4	1
33	Curso apoyado por la AEET: 2ª edición de la Escuela de Ecología de Verano UPNA (2016). , 2016, 25, 167-169.		0