

Cristina Aponte

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,843
citations

236833

25
h-index

265120

42
g-index

56
all docs

56
docs citations

56
times ranked

2798
citing authors

#	ARTICLE	IF	CITATIONS
1	Riparian fungal communities respond to land-use mediated changes in soil properties and vegetation structure. <i>Plant and Soil</i> , 2022, 475, 491-513.	1.8	6
2	Soil Bacterial Community Responds to Land-Use Change in Riparian Ecosystems. <i>Forests</i> , 2021, 12, 157.	0.9	2
3	Growing Stock Volume Retrieval from Single and Multi-Frequency Radar Backscatter. <i>Forests</i> , 2021, 12, 944.	0.9	4
4	Indications of positive feedbacks to flammability through fuel structure after high-severity fire in temperate eucalypt forests. <i>International Journal of Wildland Fire</i> , 2021, 30, 664-679.	1.0	3
5	Fire, drought and productivity as drivers of dead wood biomass in eucalypt forests of south-eastern Australia. <i>Forest Ecology and Management</i> , 2021, 482, 118859.	1.4	14
6	Shifts in Forest Species Composition and Abundance under Climate Change Scenarios in Southern Carpathian Romanian Temperate Forests. <i>Forests</i> , 2021, 12, 1434.	0.9	15
7	Positive associations among rare species and their persistence in ecological assemblages. <i>Nature Ecology and Evolution</i> , 2020, 4, 40-45.	3.4	65
8	Climate reverses directionality in the richness–abundance relationship across the World’s main forest biomes. <i>Nature Communications</i> , 2020, 11, 5635.	5.8	20
9	Persistent changes in the horizontal and vertical canopy structure of fire-tolerant forests after severe fire as quantified using multi-temporal airborne lidar data. <i>Forest Ecology and Management</i> , 2020, 472, 118255.	1.4	24
10	Refining benchmarks for soil organic carbon in Australia’s temperate forests. <i>Geoderma</i> , 2020, 368, 114246.	2.3	11
11	Structural diversity underpins carbon storage in Australian temperate forests. <i>Global Ecology and Biogeography</i> , 2020, 29, 789-802.	2.7	45
12	Revegetation technique changes root mycorrhizal colonisation and root fungal communities: the advantage of direct seeding over transplanting tube-stock in riparian ecosystems. <i>Plant Ecology</i> , 2020, 221, 813-828.	0.7	5
13	Variation in soil microbial communities: elucidating relationships with vegetation and soil properties, and testing sampling effectiveness. <i>Plant Ecology</i> , 2020, 221, 837-851.	0.7	13
14	High-severity wildfires in temperate Australian forests have increased in extent and aggregation in recent decades. <i>PLoS ONE</i> , 2020, 15, e0242484.	1.1	32
15	Are High Severity Fires Increasing in Southern Australia?. , 2020, , .		1
16	Sentinel-1/2 Time Series for Selective Logging Monitoring in Temperate Forests. , 2020, , .		0
17	Title is missing!. , 2020, 15, e0242484.		0
18	Title is missing!. , 2020, 15, e0242484.		0

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19	Title is missing!. , 2020, 15, e0242484.		0
20	Title is missing!. , 2020, 15, e0242484.		0
21	Synthetic aperture radar sensitivity to forest changes: A simulations-based study for the Romanian forests. <i>Science of the Total Environment</i> , 2019, 689, 1104-1114.	3.9	28
22	Global effects of nonâ€native tree species on multiple ecosystem services. <i>Biological Reviews</i> , 2019, 94, 1477-1501.	4.7	158
23	Assessing Legacy Effects of Wildfires on the Crown Structure of Fire-Tolerant Eucalypt Trees Using Airborne LiDAR Data. <i>Remote Sensing</i> , 2019, 11, 2433.	1.8	23
24	Fire-severity classification across temperate Australian forests: random forests versus spectral index thresholding. , 2019, , .		6
25	Biochar from biosolids microwaved-pyrolysis: Characteristics and potential for use as growing media amendment. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018, 130, 181-189.	2.6	16
26	Evaluation of Spectral Indices for Assessing Fire Severity in Australian Temperate Forests. <i>Remote Sensing</i> , 2018, 10, 1680.	1.8	64
27	Detection of windthrows and insect outbreaks by L-band SAR: A case study in the Bavarian Forest National Park. <i>Remote Sensing of Environment</i> , 2018, 209, 700-711.	4.6	52
28	Contrasting effects of urban habitat complexity on metabolic functional diversity and composition of litter and soil bacterial communities. <i>Urban Ecosystems</i> , 2017, 20, 595-607.	1.1	14
29	Environmental heterogeneity promotes floristic turnover in temperate forests of south-eastern Australia more than dispersal limitation and disturbance. <i>Landscape Ecology</i> , 2017, 32, 1613-1629.	1.9	32
30	Assessing fire impacts on the carbon stability of fireâ€tolerant forests. <i>Ecological Applications</i> , 2017, 27, 2497-2513.	1.8	25
31	Nutrient uptake and use efficiency in coâ€occurring plants along a disturbance and nutrient availability gradient in the boreal forests of the southwest Yukon, Canada. <i>Journal of Vegetation Science</i> , 2017, 28, 69-81.	1.1	17
32	Forest fires and climate change: causes, consequences and management options. <i>International Journal of Wildland Fire</i> , 2016, 25, i.	1.0	49
33	Production of pyrogenic carbon during planned fires in forests of East Gippsland, Victoria. <i>Forest Ecology and Management</i> , 2016, 373, 9-16.	1.4	23
34	Mortality and recruitment of fire-tolerant eucalypts as influenced by wildfire severity and recent prescribed fire. <i>Forest Ecology and Management</i> , 2016, 380, 107-117.	1.4	86
35	Monitoring live fuel moisture in semiarid environments using L-band radar data. <i>International Journal of Wildland Fire</i> , 2015, 24, 560.	1.0	19
36	Fire severity estimation from space: a comparison of active and passive sensors and their synergy for different forest types. <i>International Journal of Wildland Fire</i> , 2015, 24, 1062.	1.0	37

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37	Radar Burn Ratio for fire severity estimation at canopy level: An example for temperate forests. <i>Remote Sensing of Environment</i> , 2015, 170, 14-31.	4.6	52
38	Why Is Seed Production So Variable among Individuals? A Ten-Year Study with Oaks Reveals the Importance of Soil Environment. <i>PLoS ONE</i> , 2014, 9, e115371.	1.1	29
39	Polarimetric Properties of Burned Forest Areas at C- and L-Band. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2014, 7, 267-276.	2.3	39
40	Environmental effects on growth phenology of co-occurring Eucalyptus species. <i>International Journal of Biometeorology</i> , 2014, 58, 427-442.	1.3	17
41	Soil nutrients and microbial biomass in three contrasting Mediterranean forests. <i>Plant and Soil</i> , 2014, 380, 57-72.	1.8	12
42	Repeated prescribed fires decrease stocks and change attributes of coarse woody debris in a temperate eucalypt forest. <i>Ecological Applications</i> , 2014, 24, 976-989.	1.8	44
43	Forest Biomass Estimation at High Spatial Resolution: Radar Versus Lidar Sensors. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2014, 11, 711-715.	1.4	15
44	Evaluating long-term effects of prescribed fire regimes on carbon stocks in a temperate eucalypt forest. <i>Forest Ecology and Management</i> , 2014, 328, 219-228.	1.4	54
45	Large-scale micropropagation of the Australian key species <i>Gahnia radula</i> (Cyperaceae) and its return to revegetation sites. <i>Australian Journal of Botany</i> , 2014, 62, 417.	0.3	3
46	Decreases in standing tree-based carbon stocks associated with repeated prescribed fires in a temperate mixed-species eucalypt forest. <i>Forest Ecology and Management</i> , 2013, 306, 243-255.	1.4	39
47	Tree species effects on nutrient cycling and soil biota: A feedback mechanism favouring species coexistence. <i>Forest Ecology and Management</i> , 2013, 309, 36-46.	1.4	115
48	First Report of Root Rot Caused by <i>Pythium spiculum</i> Affecting Cork Oaks at Doña Ana Biological Reserve in Spain. <i>Plant Disease</i> , 2013, 97, 991-991.	0.7	6
49	Tree Species Effect on Litter Decomposition and Nutrient Release in Mediterranean Oak Forests Changes Over Time. <i>Ecosystems</i> , 2012, 15, 1204-1218.	1.6	104
50	Relationships between leaf morphological traits, nutrient concentrations and isotopic signatures for Mediterranean woody plant species and communities. <i>Plant and Soil</i> , 2012, 357, 407-424.	1.8	75
51	Protected wading bird species threaten relict centenarian cork oaks in a Mediterranean Biosphere Reserve: A conservation management conflict. <i>Biological Conservation</i> , 2011, 144, 764-771.	1.9	26
52	Oak trees and soil interactions in Mediterranean forests: a positive feedback model. <i>Journal of Vegetation Science</i> , 2011, 22, 856-867.	1.1	41
53	Microbial C, N and P in soils of Mediterranean oak forests: influence of season, canopy cover and soil depth. <i>Biogeochemistry</i> , 2010, 101, 77-92.	1.7	132
54	Characteristics of the soil seed bank in Mediterranean temporary ponds and its role in ecosystem dynamics. <i>Wetlands Ecology and Management</i> , 2010, 18, 243-253.	0.7	32

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55	Indirect host effect on ectomycorrhizal fungi: Leaf fall and litter quality explain changes in fungal communities on the roots of co-occurring Mediterranean oaks. <i>Soil Biology and Biochemistry</i> , 2010, 42, 788-796.	4.2	96