Cristina Aponte

List of Publications by Year
in descending order

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	Global effects of non‐native tree species on multiple ecosystem services. Biological Reviews, 2019, 94, 1477-1501.	4.7	158
2	Microbial C, N and P in soils of Mediterranean oak forests: influence of season, canopy cover and soil depth. Biogeochemistry, 2010, 101, 77-92.	1.7	132
3	Tree species effects on nutrient cycling and soil biota: A feedback mechanism favouring species coexistence. Forest Ecology and Management, 2013, 309, 36-46.	1.4	115
4	Tree Species Effect on Litter Decomposition and Nutrient Release in Mediterranean Oak Forests Changes Over Time. Ecosystems, 2012, 15, 1204-1218.	1.6	104
5	Indirect host effect on ectomycorrhizal fungi: Leaf fall and litter quality explain changes in fungal communities on the roots of co-occurring Mediterranean oaks. Soil Biology and Biochemistry, 2010, 42, 788-796.	4.2	96
6	Mortality and recruitment of fire-tolerant eucalypts as influenced by wildfire severity and recent prescribed fire. Forest Ecology and Management, 2016, 380, 107-117.	1.4	86
7	Relationships between leaf morphological traits, nutrient concentrations and isotopic signatures for Mediterranean woody plant species and communities. Plant and Soil, 2012, 357, 407-424.	1.8	75
8	Positive associations among rare species and their persistence in ecological assemblages. Nature Ecology and Evolution, 2020, 4, 40-45.	3.4	65
9	Evaluation of Spectral Indices for Assessing Fire Severity in Australian Temperate Forests. Remote Sensing, 2018, 10, 1680.	1.8	64
10	Evaluating long-term effects of prescribed fire regimes on carbon stocks in a temperate eucalypt forest. Forest Ecology and Management, 2014, 328, 219-228.	1.4	54
11	Radar Burn Ratio for fire severity estimation at canopy level: An example for temperate forests. Remote Sensing of Environment, 2015, 170, 14-31.	4.6	52
12	Detection of windthrows and insect outbreaks by L-band SAR: A case study in the Bavarian Forest National Park. Remote Sensing of Environment, 2018, 209, 700-711.	4.6	52
13	Forest fires and climate change: causes, consequences and management options. International Journal of Wildland Fire, 2016, 25, i.	1.0	49
14	Structural diversity underpins carbon storage in Australian temperate forests. Global Ecology and Biogeography, 2020, 29, 789-802.	2.7	45
15	Repeated prescribed fires decrease stocks and change attributes of coarse woody debris in a temperate eucalypt forest. Ecological Applications, 2014, 24, 976-989.	1.8	44
16	Oak trees and soil interactions in Mediterranean forests: a positive feedback model. Journal of Vegetation Science, 2011, 22, 856-867.	1.1	41
17	Decreases in standing tree-based carbon stocks associated with repeated prescribed fires in a temperate mixed-species eucalypt forest. Forest Ecology and Management, 2013, 306, 243-255.	1.4	39
18	Polarimetric Properties of Burned Forest Areas at C- and L-Band. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 267-276.	2.3	39

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19	Fire severity estimation from space: a comparison of active and passive sensors and their synergy for different forest types. International Journal of Wildland Fire, 2015, 24, 1062.	1.0	37
20	Characteristics of the soil seed bank in Mediterranean temporary ponds and its role in ecosystem dynamics. Wetlands Ecology and Management, 2010, 18, 243-253.	0.7	32
21	Environmental heterogeneity promotes floristic turnover in temperate forests of south-eastern Australia more than dispersal limitation and disturbance. Landscape Ecology, 2017, 32, 1613-1629.	1.9	32
22	High-severity wildfires in temperate Australian forests have increased in extent and aggregation in recent decades. PLoS ONE, 2020, 15, e0242484.	1.1	32
23	Why Is Seed Production So Variable among Individuals? A Ten-Year Study with Oaks Reveals the Importance of Soil Environment. PLoS ONE, 2014, 9, e115371.	1.1	29
24	Synthetic aperture radar sensitivity to forest changes: A simulations-based study for the Romanian forests. Science of the Total Environment, 2019, 689, 1104-1114.	3.9	28
25	Protected wading bird species threaten relict centenarian cork oaks in a Mediterranean Biosphere Reserve: A conservation management conflict. Biological Conservation, 2011, 144, 764-771.	1.9	26
26	Assessing fire impacts on the carbon stability of fire‐tolerant forests. Ecological Applications, 2017, 27, 2497-2513.	1.8	25
27	Persistent changes in the horizontal and vertical canopy structure of fire-tolerant forests after severe fire as quantified using multi-temporal airborne lidar data. Forest Ecology and Management, 2020, 472, 118255.	1.4	24
28	Production of pyrogenic carbon during planned fires in forests of East Gippsland, Victoria. Forest Ecology and Management, 2016, 373, 9-16.	1.4	23
29	Assessing Legacy Effects of Wildfires on the Crown Structure of Fire-Tolerant Eucalypt Trees Using Airborne LiDAR Data. Remote Sensing, 2019, 11, 2433.	1.8	23
30	Climate reverses directionality in the richness–abundance relationship across the World's main forest biomes. Nature Communications, 2020, 11, 5635.	5.8	20
31	Monitoring live fuel moisture in semiarid environments using L-band radar data. International Journal of Wildland Fire, 2015, 24, 560.	1.0	19
32	Environmental effects on growth phenology of co-occurring Eucalyptus species. International Journal of Biometeorology, 2014, 58, 427-442.	1.3	17
33	Nutrient uptake and use efficiency in co‐occurring plants along a disturbance and nutrient availability gradient in the boreal forests of the southwest Yukon, Canada. Journal of Vegetation Science, 2017, 28, 69-81.	1.1	17
34	Biochar from biosolids microwaved-pyrolysis: Characteristics and potential for use as growing media amendment. Journal of Analytical and Applied Pyrolysis, 2018, 130, 181-189.	2.6	16
35	Forest Biomass Estimation at High Spatial Resolution: Radar Versus Lidar Sensors. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 711-715.	1.4	15
36	Shifts in Forest Species Composition and Abundance under Climate Change Scenarios in Southern Carpathian Romanian Temperate Forests. Forests, 2021, 12, 1434.	0.9	15

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37	Contrasting effects of urban habitat complexity on metabolic functional diversity and composition of litter and soil bacterial communities. Urban Ecosystems, 2017, 20, 595-607.	1.1	14
38	Fire, drought and productivity as drivers of dead wood biomass in eucalypt forests of south-eastern Australia. Forest Ecology and Management, 2021, 482, 118859.	1.4	14
39	Variation in soil microbial communities: elucidating relationships with vegetation and soil properties, and testing sampling effectiveness. Plant Ecology, 2020, 221, 837-851.	0.7	13
40	Soil nutrients and microbial biomass in three contrasting Mediterranean forests. Plant and Soil, 2014, 380, 57-72.	1.8	12
41	Refining benchmarks for soil organic carbon in Australiaâ€™s temperate forests. Geoderma, 2020, 368, 114246.	2.3	11
42	First Report of Root Rot Caused by Pythium spiculum Affecting Cork Oaks at DoÃ±ana Biological Reserve in Spain. Plant Disease, 2013, 97, 991-991.	0.7	6
43	Fire-severity classification across temperate Australian forests: random forests versus spectral index thresholding. , 2019, , .		6
44	Riparian fungal communities respond to land-use mediated changes in soil properties and vegetation structure. Plant and Soil, 2022, 475, 491-513.	1.8	6
45	Revegetation technique changes root mycorrhizal colonisation and root fungal communities: the advantage of direct seeding over transplanting tube-stock in riparian ecosystems. Plant Ecology, 2020, 221, 813-828.	0.7	5
46	Growing Stock Volume Retrieval from Single and Multi-Frequency Radar Backscatter. Forests, 2021, 12, 944.	0.9	4
47	Large-scale micropropagation of the Australian key species Gahnia radula (Cyperaceae) and its return to revegetation sites. Australian Journal of Botany, 2014, 62, 417.	0.3	3
48	Indications of positive feedbacks to flammability through fuel structure after high-severity fire in temperate eucalypt forests. International Journal of Wildland Fire, 2021, 30, 664-679.	1.0	3
49	Soil Bacterial Community Responds to Land-Use Change in Riparian Ecosystems. Forests, 2021, 12, 157.	0.9	2
50	Are High Severity Fires Increasing in Southern Australia?. , 2020, , .		1
51	Sentinel-1/2 Time Series for Selective Logging Monitoring in Temperate Forests. , 2020, , .		0
52	Title is missing!. , 2020, 15, e0242484.		0
53	Title is missing!. , 2020, 15, e0242484.		0
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55	Title is missing!. , 2020, 15, e0242484.		0