Angelica Casanova-Katny

List of Publications by Year
in descending order

37 papers	1,545 citations	567281 15 h-index	477307 29 g-index
37 all docs	37 docs citations	37 times ranked	2765 citing authors

#	Article	IF	Citations
1	Global maps of soil temperature. Global Change Biology, 2022, 28, 3110-3144.	9.5	113
2	Warming impacts potential germination of non-native plants on the Antarctic Peninsula. Communications Biology, 2021, 4, 403.	4.4	9
3	Inhibition of Primary Photosynthesis in Desiccating Antarctic Lichens Differing in Their Photobionts, Thallus Morphology, and Spectral Properties. Microorganisms, 2021, 9, 818.	3.6	9
4	A comparative analysis of gaseous phase hydration properties of two lichenized fungi: Niebla tigrina (Follman) Rundel & Bowler from Atacama Desert and Umbilicaria antarctica Frey & I. M. Lamb from Robert Island, Southern Shetlands Archipelago, maritime Antarctica. Extremophiles, 2021, 25, 267-283.	2.3	1
5	Resistance of Antarctic moss Sanionia uncinata to photoinhibition: chlorophyll fluorescence analysis of samples from the western and eastern coasts of the Antarctic Peninsula. Plant Biology, 2021, 23, 653-663.	3.8	4
6	Diversidad de musgos en comunidades vegetales asociadas a una pingÃ¼inera en la Isla DecepciÃ³n, AntÃ¡rtica marÃtima. Gayana - Botanica, 2021, 78, 56-64.	0.2	0
7	Estudio preliminar de lÃquenes del orden Peltigerales presentes en el Parque EcolÃ³gico y Cultural Rucamanque, RegiÃ³n de La AraucanÃa, Chile. Gayana - Botanica, 2021, 78, 104-111.	0.2	0
8	Diversity and Host Relationships of the Mycoparasite Sepedonium (Hypocreales, Ascomycota) in Temperate Central Chile. Microorganisms, 2021, 9, 2261.	3.6	1
9	It Is Hot in the Sun: Antarctic Mosses Have High Temperature Optima for Photosynthesis Despite Cold Climate. Frontiers in Plant Science, 2020, 11, 1178.	3.6	40
10	Refuges of Antarctic diversity. , 2020, , 181-200.		32
11	ContribuciÃ³n al conocimiento de la biota liquÃ©nica de la Reserva Nacional Katalalixar, Patagonia, Chile. Gayana - Botanica, 2020, 77, 38-47.	0.2	0
12	Nuevos registros de hongos desertÃ¢colas en los Parques Nacionales Nevado Tres Cruces y Pan de AzÃºcar, RegiÃ³n de Atacama, Chile. Gayana - Botanica, 2020, 77, 67-72.	0.2	1
13	Do new records of macrofungi indicate warming of their habitats in terrestrial Antarctic ecosystems?. Czech Polar Reports, 2020, 10, 281-296.	0.6	0
14	<strong>Sequestrate syndrome in Bondarzewia guaitecasensis (Fungi,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Phytotaxa, 2020, 474, 272-282.	0.3	2
15	The pioneer lichen Placopsis in maritime Antarctica: Genetic diversity of their mycobionts and green algal symbionts, and their correlation with deglaciation time. Symbiosis, 2019, 79, 1-24.	2.3	19
16	Species-specific effects of passive warming in an Antarctic moss system. Royal Society Open Science, 2019, 6, 190744.	2.4	16
17	Open top chamber microclimate may limit photosynthetic processes in Antarctic lichen: Case study from King George Island, Antarctica. Czech Polar Reports, 2019, 9, 61-77.	0.6	6
18	Passive warming effect on soil microbial community and humic substance degradation in maritime Antarctic region. Journal of Basic Microbiology, 2018, 58, 513-522.	3.3	15

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19	Competition between native Antarctic vascular plants and invasive Poa annua changes with temperature and soil nitrogen availability. Biological Invasions, 2018, 20, 1597-1610.	2.4	28
20	Geoecology and Historical Heritage in the Ice-Free Area of Elephant Point (Antarctica). Proposal for Future Environmental Protection. Geoheritage, 2017, 9, 97-109.	2.8	10
21	Passive warming reduces stress and shifts reproductive effort in the Antarctic moss,Polytrichastrum alpinum. Annals of Botany, 2017, 119, 27-38.	2.9	18
22	Dehydration and Freezing Resistance of Lichenized Fungi. , 2017, , 77-102.		2
23	Bayesian methods for comparing species physiological and ecological response curves. Ecological Informatics, 2016, 34, 35-43.	5.2	9
24	Reproductive output of mosses under experimental warming on Fildes Peninsula, King George Island, maritime Antarctica. Revista Chilena De Historia Natural, 2016, 89, .	1.2	18
25	Soluble carbohydrate content variation in Sanionia uncinata and Polytrichastrum alpinum, two Antarctic mosses with contrasting desiccation capacities. Biological Research, 2016, 49, 6.	3.4	18
26	Soil carbon storage controlled by interactions between geochemistry and climate. Nature Geoscience, 2015, 8, 780-783.	12.9	509
27	Non-structural carbohydrate content in cryptogamic Antarctic species after two years of passive warming on the Fildes Peninsula. Czech Polar Reports, 2015, 5, 88-98.	0.6	3
28	Do <scp>A</scp>ntarctic lichens modify microclimate and facilitate vascular plants in the maritime <scp>A</scp>ntarctic? A comment to Molinaâ€Montenegro etÂal. (). Journal of Vegetation Science, 2014, 25, 601-605.	2.2	9
29	Antarctic moss carpets facilitate growth of Deschampsia antarctica but not its survival. Polar Biology, 2012, 35, 1869-1878.	1.2	44
30	Mycotrophy in Gilliesieae, a threatened and poorly known tribe of Alliaceae from central Chile. Revista Chilena De Historia Natural, 2012, 85, 179-186.	1.2	6
31	The best for the guest: high Andean nurse cushions of Azorella madreporica enhance arbuscular mycorrhizal status in associated plant species. Mycorrhiza, 2011, 21, 613-622.	2.8	316
32	Antarctic hairgrass expansion in the South Shetland archipelago and Antarctic Peninsula revisited. Polar Biology, 2011, 34, 1679-1688.	1.2	51
33	Deschampsia antarctica Desv. primary photochemistry performs differently in plants grown in the field and laboratory. Polar Biology, 2010, 33, 477-483.	1.2	8
34	Post-fire seedlings of Nothofagus alpina in Southern Chile show strong dominance of a single ectomycorrhizal fungus and a vertical shift in root architecture. Plant and Soil, 2008, 313, 237-250.	3.7	20
35	Increase of photosynthesis and starch in potato under elevated CO2 is dependent on leaf age. Journal of Plant Physiology, 2005, 162, 429-438.	3.5	45
36	Photosynthetic and stomatal responses of potatoes grown under elevated CO2 and/or O3â€"results from the European CHIP-programme. European Journal of Agronomy, 2002, 17, 337-352.	4.1	43

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37	Cold resistance in Antarctic angiosperms. Physiologia Plantarum, 2001, 111, 55-65.	5.2	120