

Johanna D Turnbull

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

558
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

1054
citing authors

#	ARTICLE	IF	CITATIONS
1	It Is Hot in the Sun: Antarctic Mosses Have High Temperature Optima for Photosynthesis Despite Cold Climate. <i>Frontiers in Plant Science</i> , 2020, 11, 1178.	3.6	40
2	Optimizing Spectral and Spatial Resolutions of Unmanned Aerial System Imaging Sensors for Monitoring Antarctic Vegetation. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019, 12, 3813-3825.	4.9	17
3	Rapid change in East Antarctic terrestrial vegetation in response to regional drying. <i>Nature Climate Change</i> , 2018, 8, 879-884.	18.8	100
4	Moving beyond presence and absence when examining changes in species distributions. <i>Global Change Biology</i> , 2017, 23, 2929-2940.	9.5	28
5	Unmanned aircraft system advances health mapping of fragile polar vegetation. <i>Methods in Ecology and Evolution</i> , 2017, 8, 1842-1857.	5.2	69
6	Bayesian methods for comparing species physiological and ecological response curves. <i>Ecological Informatics</i> , 2016, 34, 35-43.	5.2	9
7	Antarctic moss stress assessment based on chlorophyll content and leaf density retrieved from imaging spectroscopy data. <i>New Phytologist</i> , 2015, 208, 608-624.	7.3	52
8	Bryophyte species composition over moisture gradients in the Windmill Islands, East Antarctica: development of a baseline for monitoring climate change impacts. <i>Biodiversity</i> , 2012, 13, 257-264.	1.1	33
9	Accumulation of DNA damage in Antarctic mosses: correlations with ultraviolet-B radiation, temperature and turf water content vary among species. <i>Global Change Biology</i> , 2009, 15, 319-329.	9.5	43
10	Desiccation protects two Antarctic mosses from ultraviolet-B induced DNA damage. <i>Functional Plant Biology</i> , 2009, 36, 214.	2.1	40
11	Impact of changes in natural ultraviolet radiation on pigment composition, physiological and morphological characteristics of the Antarctic moss, <i>Grimmia antarctici</i> . <i>Global Change Biology</i> , 2005, 11, 476-489.	9.5	82
12	Comparison of solvent regimes for the extraction of photosynthetic pigments from leaves of higher plants. <i>Functional Plant Biology</i> , 2004, 31, 195.	2.1	45