

Danielle Creek

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6339613/publications.pdf>

Version: 2024-02-01

15
papers

1,436
citations

623699

14
h-index

996954

15
g-index

16
all docs

16
docs citations

16
times ranked

2986
citing authors

#	ARTICLE	IF	CITATIONS
1	Global variability in leaf respiration in relation to climate, plant functional types and leaf traits. <i>New Phytologist</i> , 2015, 206, 614-636.	7.3	350
2	Thermal limits of leaf metabolism across biomes. <i>Global Change Biology</i> , 2017, 23, 209-223.	9.5	213
3	Convergence in the temperature response of leaf respiration across biomes and plant functional types. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3832-3837.	7.1	198
4	Drought response strategies and hydraulic traits contribute to mechanistic understanding of plant dry-down to hydraulic failure. <i>Tree Physiology</i> , 2019, 39, 910-924.	3.1	96
5	Canopy position affects the relationships between leaf respiration and associated traits in a tropical rainforest in Far North Queensland. <i>Tree Physiology</i> , 2014, 34, 564-584.	3.1	84
6	Strong thermal acclimation of photosynthesis in tropical and temperate wetland forest tree species: the importance of altered Rubisco content. <i>Global Change Biology</i> , 2017, 23, 2783-2800.	9.5	84
7	Xylem embolism in leaves does not occur with open stomata: evidence from direct observations using the optical visualization technique. <i>Journal of Experimental Botany</i> , 2020, 71, 1151-1159.	4.8	71
8	Stem and leaf hydraulic properties are finely coordinated in three tropical rain forest tree species. <i>Plant, Cell and Environment</i> , 2015, 38, 2652-2661.	5.7	69
9	Coordination between leaf, stem, and root hydraulics and gas exchange in three arid-zone angiosperms during severe drought and recovery. <i>Plant, Cell and Environment</i> , 2018, 41, 2869-2881.	5.7	69
10	Species climate range influences hydraulic and stomatal traits in <i>Eucalyptus</i> species. <i>Annals of Botany</i> , 2017, 120, 123-133.	2.9	60
11	Non-invasive imaging shows no evidence of embolism repair after drought in tree species of two genera. <i>Tree Physiology</i> , 2019, 39, 113-121.	3.1	41
12	Water availability affects seasonal CO_2 -induced photosynthetic enhancement in herbaceous species in a periodically dry woodland. <i>Global Change Biology</i> , 2017, 23, 5164-5178.	9.5	39
13	Macromolecular rate theory (MMRT) provides a thermodynamics rationale to underpin the convergent temperature response in plant leaf respiration. <i>Global Change Biology</i> , 2018, 24, 1538-1547.	9.5	35
14	Acclimation of leaf respiration temperature responses across thermally contrasting biomes. <i>New Phytologist</i> , 2021, 229, 1312-1325.	7.3	17
15	Reply to Adams et al.: Empirical versus process-based approaches to modeling temperature responses of leaf respiration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5996-E5997.	7.1	9