Hannes P T De Deurwaerder

List of Publications by Year
in descending order

14 papers	**662** citations	1162889 **8** h-index	1058333 **14** g-index
20 all docs	**20** docs citations	**20** times ranked	**1533** citing authors

#	Article	IF	Citations
1	Liana optical traits increase tropical forest albedo and reduce ecosystem productivity. Global Change Biology, 2022, 28, 227-244.	4.2	10
2	Unraveling the relative role of light and water competition between lianas and trees in tropical forests: A vegetation model analysis. Journal of Ecology, 2021, 109, 519-540.	1.9	24
3	Field methods to study the spatial root density distribution of individual plants. Plant and Soil, 2021, 462, 25-43.	1.8	21
4	Lianas Significantly Reduce Aboveground and Belowground Carbon Storage: A Virtual Removal Experiment. Frontiers in Forests and Global Change, 2021, 4, .	1.0	4
5	Robust Estimation of Absorbing Root Surface Distributions From Xylem Water Isotope Compositions With an Inverse Plant Hydraulic Model. Frontiers in Forests and Global Change, 2021, 4, .	1.0	2
6	Lianas and trees exhibit divergent intrinsic water‐use efficiency along elevational gradients in South American and African tropical forests. Global Ecology and Biogeography, 2021, 30, 2259-2272.	2.7	7
7	Within-Site Variability of Liana Wood Anatomical Traits: A Case Study in Laussat, French Guiana. Forests, 2020, 11, 523.	0.9	6
8	Century‐long apparent decrease in intrinsic water‐use efficiency with no evidence of progressive nutrient limitation in African tropical forests. Global Change Biology, 2020, 26, 4449-4461.	4.2	20
9	Causes and consequences of pronounced variation in the isotope composition of plant xylem water. Biogeosciences, 2020, 17, 4853-4870.	1.3	33
10	Modeling the impact of liana infestation on the demography and carbon cycle of tropical forests. Global Change Biology, 2019, 25, 3767-3780.	4.2	33
11	Air temperature optima of vegetation productivity across global biomes. Nature Ecology and Evolution, 2019, 3, 772-779.	3.4	316
12	Liana and tree below-ground water competition—evidence for water resource partitioning during the dry season. Tree Physiology, 2018, 38, 1071-1083.	1.4	58
13	Variation in stem mortality rates determines patterns of above‐ground biomass in <scp>A</scp>mazonian forests: implications for dynamic global vegetation models. Global Change Biology, 2016, 22, 3996-4013.	4.2	116
14	How are anatomical and hydraulic features of the mangroves Avicennia marina and Rhizophora mucronata influenced by siltation?. Trees - Structure and Function, 2016, 30, 35-45.	0.9	7