Adrie Van Der Werf

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11513796/publications.pdf

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19	1,977	567281 15	888059 17
papers	citations	h-index	g-index

19	19	19	2760
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Challenging Theophrastus: A common core list of plant traits for functional ecology. Journal of Vegetation Science, 1999, 10, 609-620.	2.2	834
2	Respiratory energy costs for the maintenance of biomass, for growth and for ion uptake in roots of Carex diandra and Carex acutiformis. Physiologia Plantarum, 1988, 72, 483-491.	5.2	189
3	Respiratory energy requirements of roots vary with the potential growth rate of a plant species. Physiologia Plantarum, 1991, 83, 469-475.	5.2	183
4	No evidence for substantial aerobic methane emission by terrestrial plants: a 13 Câ€labelling approach. New Phytologist, 2007, 175, 29-35.	7.3	158
5	Contribution of physiological and morphological plant traits to a species' competitive ability at high and low nitrogen supply. Oecologia, 1993, 94, 434-440.	2.0	124
6	Carbon allocation to shoots and roots in relation to nitrogen supply is mediated by cytokinins and sucrose: Opinion. Plant and Soil, 1996, 185, 21-32.	3.7	117
7	Lipid Yield and Composition of Azolla filiculoides and the Implications for Biodiesel Production. Bioenergy Research, 2016, 9, 369-377.	3.9	57
8	<scp>A</scp>zolla domestication towards a biobased economy?. New Phytologist, 2014, 202, 1069-1082.	7.3	53
9	Growing Azolla to produce sustainable protein feed: the effect of differing species and CO₂ concentrations on biomass productivity and chemical composition. Journal of the Science of Food and Agriculture, 2018, 98, 4759-4768.	3.5	48
10	Metabolic Adaptation, a Specialized Leaf Organ Structure and Vascular Responses to Diurnal N2 Fixation by Nostoc azollae Sustain the Astonishing Productivity of Azolla Ferns without Nitrogen Fertilizer. Frontiers in Plant Science, 2017, 8, 442.	3.6	43
11	Respiratory pathways in germinating maize radicles correlated with desiccation tolerance and soluble sugars. Physiologia Plantarum, 1992, 85, 581-588.	5.2	41
12	Evidence for a significant contribution by peroxidase-mediated O2 uptake to root respiration of Brachypodium pinnatum. Planta, 1991, 183, 347-352.	3.2	26
13	Effects of N-supply on the rates of photosynthesis and shoot and root respiration of inherently fast- and slow-growing monocotyledonous species. Physiologia Plantarum, 1993, 89, 563-569.	5.2	25
14	Effects of N-supply on the rates of photosynthesis and shoot and root respiration of inherently fast- and slow-growing monocotyledonous species. Physiologia Plantarum, 1993, 89, 563-569.	5.2	24
15	Are plants precursors for methane?. New Phytologist, 2008, 178, 693-695.	7.3	17
16	Allocation of carbon and nitrogen as a function of the internal nitrogen status of a plant: Modelling allocation under non-steady-state situations. Plant and Soil, 1993, 155-156, 183-186.	3.7	15
17	Variation in the rate of root respiration of twoCarex species: A comparison of four related methods to determine the energy requirements for growth, maintenance and ion uptake. Plant and Soil, 1988, 111, 207-211.	3.7	9
18	Allocation of carbon and nitrogen as a function of the internal nitrogen status of a plant: modelling allocation under non-steady-state situations. , 1993, , 203-206.		9

#	Article	IF	Citations
19	Variation in the rate of root respiration of two Carex species: A comparison of four related methods to determine the energy requirements for growth, maintenance and ion uptake. , 1989, , 131-135.		5