

Adrie Van Der Werf

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,977
citations

567281

15
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

2760
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Growing <i>Azolla</i> to produce sustainable protein feed: the effect of differing species and CO ₂ concentrations on biomass productivity and chemical composition. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 4759-4768. | 3.5 | 48 |
| 2 | Metabolic Adaptation, a Specialized Leaf Organ Structure and Vascular Responses to Diurnal N ₂ Fixation by <i>Nostoc azollae</i> Sustain the Astonishing Productivity of <i>Azolla</i> Ferns without Nitrogen Fertilizer. <i>Frontiers in Plant Science</i> , 2017, 8, 442. | 3.6 | 43 |
| 3 | Lipid Yield and Composition of <i>Azolla filiculoides</i> and the Implications for Biodiesel Production. <i>Bioenergy Research</i> , 2016, 9, 369-377. | 3.9 | 57 |
| 4 | <i>Azolla</i> domestication towards a biobased economy?. <i>New Phytologist</i> , 2014, 202, 1069-1082. | 7.3 | 53 |
| 5 | Are plants precursors for methane?. <i>New Phytologist</i> , 2008, 178, 693-695. | 7.3 | 17 |
| 6 | No evidence for substantial aerobic methane emission by terrestrial plants: a ¹³ C labelling approach. <i>New Phytologist</i> , 2007, 175, 29-35. | 7.3 | 158 |
| 7 | Challenging Theophrastus: A common core list of plant traits for functional ecology. <i>Journal of Vegetation Science</i> , 1999, 10, 609-620. | 2.2 | 834 |
| 8 | Carbon allocation to shoots and roots in relation to nitrogen supply is mediated by cytokinins and sucrose: Opinion. <i>Plant and Soil</i> , 1996, 185, 21-32. | 3.7 | 117 |
| 9 | Allocation of carbon and nitrogen as a function of the internal nitrogen status of a plant: Modelling allocation under non-steady-state situations. <i>Plant and Soil</i> , 1993, 155-156, 183-186. | 3.7 | 15 |
| 10 | Contribution of physiological and morphological plant traits to a species' competitive ability at high and low nitrogen supply. <i>Oecologia</i> , 1993, 94, 434-440. | 2.0 | 124 |
| 11 | Effects of N-supply on the rates of photosynthesis and shoot and root respiration of inherently fast- and slow-growing monocotyledonous species. <i>Physiologia Plantarum</i> , 1993, 89, 563-569. | 5.2 | 25 |
| 12 | Effects of N-supply on the rates of photosynthesis and shoot and root respiration of inherently fast- and slow-growing monocotyledonous species. <i>Physiologia Plantarum</i> , 1993, 89, 563-569. | 5.2 | 24 |
| 13 | 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 |
| 14 | Respiratory pathways in germinating maize radicles correlated with desiccation tolerance and soluble sugars. <i>Physiologia Plantarum</i> , 1992, 85, 581-588. | 5.2 | 41 |
| 15 | Respiratory energy requirements of roots vary with the potential growth rate of a plant species. <i>Physiologia Plantarum</i> , 1991, 83, 469-475. | 5.2 | 183 |
| 16 | Evidence for a significant contribution by peroxidase-mediated O ₂ uptake to root respiration of <i>Brachypodium pinnatum</i> . <i>Planta</i> , 1991, 183, 347-352. | 3.2 | 26 |
| 17 | Variation in the rate of root respiration of two <i>Carex</i> species: A comparison of four related methods to determine the energy requirements for growth, maintenance and ion uptake. , 1989, , 131-135. | | 5 |
| 18 | Variation in the rate of root respiration of two <i>Carex</i> species: A comparison of four related methods to determine the energy requirements for growth, maintenance and ion uptake. <i>Plant and Soil</i> , 1988, 111, 207-211. | 3.7 | 9 |

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|----|--|-----|-----------|
| 19 | Respiratory energy costs for the maintenance of biomass, for growth and for ion uptake in roots of <i>Carex diandra</i> and <i>Carex acutiformis</i> . <i>Physiologia Plantarum</i> , 1988, 72, 483-491. | 5.2 | 189 |