

Kathrin KÃ¼hnhammer

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

313
citations

1307594

7
h-index

1720034

7
g-index

10
all docs

10
docs citations

10
times ranked

315
citing authors

#	ARTICLE	IF	CITATIONS
1	A method for <i>in situ</i> monitoring of the isotope composition of tree xylem water using laser spectroscopy. <i>Plant, Cell and Environment</i> , 2016, 39, 2055-2063.	5.7	77
2	Ecosystem fluxes during drought and recovery in an experimental forest. <i>Science</i> , 2021, 374, 1514-1518.	12.6	60
3	Borehole Equilibration: Testing a New Method to Monitor the Isotopic Composition of Tree Xylem Water <i>in situ</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 358.	3.6	48
4	In situ measurements of soil and plant water isotopes: a review of approaches, practical considerations and a vision for the future. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 4413-4440.	4.9	46
5	Causes and consequences of pronounced variation in the isotope composition of plant xylem water. <i>Biogeosciences</i> , 2020, 17, 4853-4870.	3.3	33
6	Investigating the root plasticity response of <i>Centaurea jacea</i> to soil water availability changes from isotopic analysis. <i>New Phytologist</i> , 2020, 226, 98-110.	7.3	27
7	Continuous <i>in situ</i> measurements of water stable isotopes in soils, tree trunk and root xylem: Field approval. <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, e9232.	1.5	22