

D Tyler Roman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3195218/publications.pdf>

Version: 2024-02-01

8
papers

415
citations

1039406

9
h-index

1473754

9
g-index

9
all docs

9
docs citations

9
times ranked

864
citing authors

#	ARTICLE	IF	CITATIONS
1	High atmospheric demand for water can limit forest carbon uptake and transpiration as severely as dry soil. <i>Geophysical Research Letters</i> , 2016, 43, 9686-9695.	1.5	163
2	Linking variation in intrinsic water-use efficiency to isohydrlicity: a comparison at multiple spatiotemporal scales. <i>New Phytologist</i> , 2019, 221, 195-208.	3.5	69
3	Comparing methods for partitioning a decade of carbon dioxide and water vapor fluxes in a temperate forest. <i>Agricultural and Forest Meteorology</i> , 2016, 226-227, 229-245.	1.9	56
4	Climate Sensitivity of Peatland Methane Emissions Mediated by Seasonal Hydrologic Dynamics. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088875.	1.5	21
5	Dynamics of stem water uptake among isohydric and anisohydric species experiencing a severe drought. <i>Tree Physiology</i> , 2017, 37, 1379-1392.	1.4	20
6	Hydrological and meteorological data from research catchments at the Marcell Experimental Forest, Minnesota, USA. <i>Hydrological Processes</i> , 2021, 35, e14092.	1.1	18
7	Error characterization of methane fluxes and budgets derived from a long-term comparison of open- and closed-path eddy covariance systems. <i>Agricultural and Forest Meteorology</i> , 2019, 278, 107638.	1.9	16
8	Aircraft-based inversions quantify the importance of wetlands and livestock for Upper Midwest methane emissions. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 951-971.	1.9	14