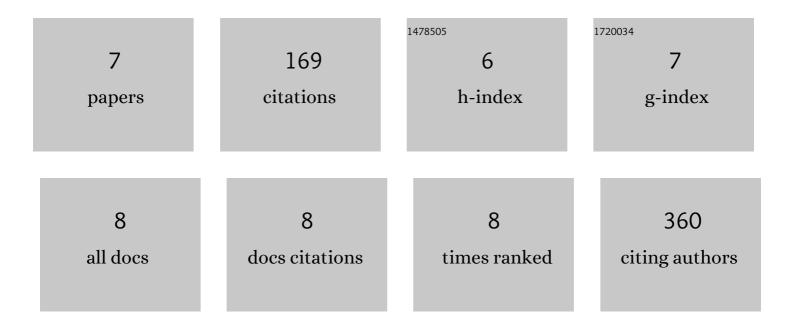
Matthew C Roby

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7116095/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	SMOS optical thickness changes in response to the growth and development of crops, crop management, and weather. Remote Sensing of Environment, 2016, 180, 320-333.	11.0	47
2	Airborne observations and modeling of springtime stratosphere-to-troposphere transport over California. Atmospheric Chemistry and Physics, 2013, 13, 12481-12494.	4.9	37
3	High Vapor Pressure Deficit Decreases the Productivity and Water Use Efficiency of Rainâ€Induced Pulses in Semiarid Ecosystems. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2020JG005665.	3.0	28
4	Biomass sorghum and maize have similar water-use-efficiency under non-drought conditions in the rain-fed Midwest U.S Agricultural and Forest Meteorology, 2017, 247, 434-444.	4.8	21
5	Environmental and Vegetative Controls on Soil CO2 Efflux in Three Semiarid Ecosystems. Soil Systems, 2019, 3, 6.	2.6	21
6	Characterizing the impacts of vertical transport and photochemical ozone production on an exceedance area. Atmospheric Environment, 2015, 109, 342-350.	4.1	12
7	Assimilation of Global Satellite Leaf Area Estimates Reduces Modeled Global Carbon Uptake and Energy Loss by Terrestrial Ecosystems. Journal of Geophysical Research G: Biogeosciences, 2022, 127, .	3.0	3