

Mario Bretfeld

List of Publications by Year in descending order

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13
papers

267
citations

1307594

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1125743

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all docs

13
docs citations

13
times ranked

593
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling the Joint Effects of Vegetation Characteristics and Soil Properties on Ecosystem Dynamics in a Panama Tropical Forest. <i>Journal of Advances in Modeling Earth Systems</i> , 2022, 14, .	3.8	8
2	Impacts of bark beetle-induced tree mortality on pyrogenic carbon production and heat output in wildfires for fire modeling and global carbon accounting. <i>Science of the Total Environment</i> , 2021, 760, 144149.	8.0	2
3	Land cover effects on soil infiltration capacity measured using plot scale rainfall simulation in steep tropical lowlands of Central Panama. <i>Hydrological Processes</i> , 2020, 34, 878-897.	2.6	21
4	The pantropical response of soil moisture to El Niño. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 2303-2322.	4.9	11
5	Hydraulic and photosynthetic responses of big sagebrush to the 2017 total solar eclipse. <i>Scientific Reports</i> , 2019, 9, 8839.	3.3	2
6	Long-term understory vegetation dynamics of mixed aspen forests in Rocky Mountain National Park, USA. <i>Journal of Vegetation Science</i> , 2019, 30, 121-133.	2.2	1
7	Plant water use responses along secondary forest succession during the 2015–2016 El Niño drought in Panama. <i>New Phytologist</i> , 2018, 219, 885-899.	7.3	63
8	The two water worlds hypothesis: Addressing multiple working hypotheses and proposing a way forward. <i>Ecohydrology</i> , 2018, 11, e1843.	2.4	90
9	Land Use-Dependent Preferential Flow Paths Affect Hydrological Response of Steep Tropical Lowland Catchments With Saprolitic Soils. <i>Water Resources Research</i> , 2018, 54, 5551-5566.	4.2	20
10	Initial evidence for simultaneous, bi-directional sap flow in roots of interconnected aspen ramets (<i>Populus tremuloides</i>). <i>Folia Geobotanica</i> , 2017, 52, 345-352.	0.9	7
11	A multiple-scale assessment of long-term aspen persistence and elevational range shifts in the Colorado Front Range. <i>Ecological Monographs</i> , 2016, 86, 244-260.	5.4	18
12	Radial growth response and vegetative sprouting of aspen following release from competition due to insect-induced conifer mortality. <i>Forest Ecology and Management</i> , 2015, 347, 96-106.	3.2	19
13	Long-Term Effects of Scrub Clearance and Litter Removal on the Re-Establishment of Dry Alvar Grassland Species. <i>Annales Botanici Fennici</i> , 2012, 49, 21-30.	0.1	5