

R Morrison

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

887
citations

758635

12
h-index

839053

18
g-index

20
all docs

20
docs citations

20
times ranked

1594
citing authors

#	ARTICLE	IF	CITATIONS
1	ECOSTRESS: NASA's Next Generation Mission to Measure Evapotranspiration From the International Space Station. <i>Water Resources Research</i> , 2020, 56, e2019WR026058.	1.7	220
2	Overriding water table control on managed peatland greenhouse gas emissions. <i>Nature</i> , 2021, 593, 548-552.	13.7	172
3	Soil water content in southern England derived from a cosmic-ray soil moisture observing system â€œCOSMOSâ€œUK. <i>Hydrological Processes</i> , 2016, 30, 4987-4999.	1.1	102
4	Validation of Spaceborne and Modelled Surface Soil Moisture Products with Cosmic-Ray Neutron Probes. <i>Remote Sensing</i> , 2017, 9, 103.	1.8	87
5	Landâ€Atmosphere Interactions Exacerbated the Drought and Heatwave Over Northern Europe During Summer 2018. <i>AGU Advances</i> , 2021, 2, e2020AV000283.	2.3	65
6	Benefits and costs of ecological restoration: Rapid assessment of changing ecosystem service values at a <scp>U.K.</scp> wetland. <i>Ecology and Evolution</i> , 2014, 4, 3875-3886.	0.8	51
7	Interaction of convective organization with monsoon precipitation, atmosphere, surface and sea: The 2016 INCOMPASS field campaign in India. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 2828-2852.	1.0	35
8	Improving soil moisture prediction of a high-resolution land surface model by parameterising pedotransfer functions through assimilation of SMAP satellite data. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 1617-1641.	1.9	23
9	Responsible agriculture must adapt to the wetland character of midâ€latitude peatlands. <i>Global Change Biology</i> , 2022, 28, 3795-3811.	4.2	23
10	Seasonal variation of evapotranspiration and its effect on the surface energy budget closure at a tropical forest over north-east India. <i>Journal of Earth System Science</i> , 2019, 128, 1.	0.6	21
11	The full carbon balance of a rewetted cropland fen and a conservation-managed fen. <i>Agriculture, Ecosystems and Environment</i> , 2019, 269, 1-12.	2.5	16
12	Spatial and temporal variability in energy and water vapour fluxes observed at seven sites on the Indian subcontinent during 2017. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 2853-2866.	1.0	14
13	Biases in Model-Simulated Surface Energy Fluxes During the Indian Monsoon Onset Period. <i>Boundary-Layer Meteorology</i> , 2019, 170, 323-348.	1.2	12
14	The Indian COSMOS Network (ICON): Validating L-Band Remote Sensing and Modelled Soil Moisture Data Products. <i>Remote Sensing</i> , 2021, 13, 537.	1.8	11
15	Policy perils of ignoring uncertainty in oil palm research. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, E218; author reply E219.	3.3	10
16	Realâ€time monitoring of greenhouse gas emissions with tall chambers reveals diurnal N₂O variation and increased emissions of CO₂ and N₂O from <i>Miscanthus</i> following compost addition. <i>GCB Bioenergy</i> , 2019, 11, 1456-1470.	2.5	6
17	Multiâ€year carbon budget of a mature commercial short rotation coppice willow plantation. <i>GCB Bioenergy</i> , 2019, 11, 895-909.	2.5	6
18	Observations of aerosolâ€vapor pressure deficitâ€evaporative fraction coupling over India. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 3615-3629.	1.9	6

#	ARTICLE	IF	CITATIONS
19	Are peatlands in different states with respect to their thermodynamic behaviour? A simple test of peatland energy and entropy budgets. Hydrological Processes, 0, , e14431.	1.1	0