

Daniel Althoff

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

544
citations

567144

15
h-index

677027

22
g-index

38
all docs

38
docs citations

38
times ranked

562
citing authors

#	ARTICLE	IF	CITATIONS
1	Crop NDVI Monitoring Based on Sentinel 1. <i>Remote Sensing</i> , 2019, 11, 1441.	1.8	64
2	Goodness-of-fit criteria for hydrological models: Model calibration and performance assessment. <i>Journal of Hydrology</i> , 2021, 600, 126674.	2.3	44
3	Detection, classification, and mapping of coffee fruits during harvest with computer vision. <i>Computers and Electronics in Agriculture</i> , 2021, 183, 106066.	3.7	35
4	Impacts of climate change on the evaporation and availability of water in small reservoirs in the Brazilian savannah. <i>Climatic Change</i> , 2020, 159, 215-232.	1.7	32
5	Impact of drought associated with high temperatures on <i>Coffea canephora</i> plantations: a case study in Esp�rito Santo State, Brazil. <i>Scientific Reports</i> , 2020, 10, 19719.	1.6	31
6	Uncertainty quantification for hydrological models based on neural networks: the dropout ensemble. <i>Stochastic Environmental Research and Risk Assessment</i> , 2021, 35, 1051-1067.	1.9	28
7	Improving methods for estimating small reservoir evaporation in the Brazilian Savanna. <i>Agricultural Water Management</i> , 2019, 216, 105-112.	2.4	26
8	ETo�Brazil: A Daily Gridded Reference Evapotranspiration Data Set for Brazil (2000�2018). <i>Water Resources Research</i> , 2020, 56, e2020WR027562.	1.7	25
9	Comparison between observations and gridded data sets over complex terrain in the Chilean Andes: Precipitation and temperature. <i>International Journal of Climatology</i> , 2020, 40, 5266-5288.	1.5	23
10	THE EXPANSION OF CENTER-PIVOT IRRIGATION IN THE CERRADO BIOME. <i>Irriga</i> , 2019, 1, 56-61.	0.2	21
11	Evaluating Evaporation Methods for Estimating Small Reservoir Water Surface Evaporation in the Brazilian Savannah. <i>Water (Switzerland)</i> , 2019, 11, 1942.	1.2	20
12	Performance evaluation of numerical and machine learning methods in estimating reference evapotranspiration in a Brazilian agricultural frontier. <i>Theoretical and Applied Climatology</i> , 2020, 142, 1481-1492.	1.3	19
13	Evaluating the Latest IMERG Products in a Subtropical Climate: The Case of Paran� State, Brazil. <i>Remote Sensing</i> , 2021, 13, 906.	1.8	16
14	Untangling hybrid hydrological models with explainable artificial intelligence. <i>H2Open Journal</i> , 2021, 4, 13-28.	0.8	15
15	Addressing hydrological modeling in watersheds under land cover change with deep learning. <i>Advances in Water Resources</i> , 2021, 154, 103965.	1.7	15
16	Improvement of Hargreaves�Samani Reference Evapotranspiration Estimates with Local Calibration. <i>Water (Switzerland)</i> , 2019, 11, 2272.	1.2	14
17	VEGETATION INDICES FOR IRRIGATED CORN MONITORING. <i>Engenharia Agricola</i> , 2020, 40, 322-333.	0.2	12
18	Fusion of MODIS and Landsat-Like Images for Daily High Spatial Resolution NDVI. <i>Remote Sensing</i> , 2020, 12, 1297.	1.8	11

#	ARTICLE	IF	CITATIONS
19	Heuristic methods applied in reference evapotranspiration modeling. <i>Ciencia E Agrotecnologia</i> , 2018, 42, 314-324.	1.5	10
20	Impact of sum-of-hourly and daily timesteps in the computations of reference evapotranspiration across the Brazilian territory. <i>Agricultural Water Management</i> , 2019, 226, 105785.	2.4	10
21	Estimating Small Reservoir Evaporation Using Machine Learning Models for the Brazilian Savannah. <i>Journal of Hydrologic Engineering - ASCE</i> , 2020, 25, .	0.8	10
22	Predicting runoff series in ungauged basins of the Brazilian Cerrado biome. <i>Environmental Modelling and Software</i> , 2022, 149, 105315.	1.9	10
23	Modeling the Net Primary Productivity: A Study Case in the Brazilian Territory. <i>Journal of the Indian Society of Remote Sensing</i> , 2019, 47, 1727-1735.	1.2	8
24	Impact of climate change on groundwater recharge in a Brazilian Savannah watershed. <i>Theoretical and Applied Climatology</i> , 2021, 143, 1425-1436.	1.3	7
25	DYNAMICS OF ACTUAL CROP EVAPOTRANSPIRATION BASED IN THE COMPARATIVE ANALYSIS OF SEBAL AND METRIC-EEFLUX. <i>Irriga</i> , 2019, 1, 72-80.	0.2	7
26	Evapotranspiration for irrigated agriculture using orbital satellites. <i>Bioscience Journal</i> , 0, , 670-678.	0.4	5
27	Gauging the Ungauged: Regionalization of Flow Indices at Grid Level. <i>Journal of Hydrologic Engineering - ASCE</i> , 2021, 26, .	0.8	4
28	Assessing rainfall spatial variability in the Brazilian savanna region with TMPA rainfall dataset. <i>Journal of South American Earth Sciences</i> , 2021, 111, 103482.	0.6	4
29	SENSITIVITY OF EVAPOTRANSPIRATION ESTIMATED BY ORBITAL IMAGES UNDER INFLUENCE OF SURFACE TEMPERATURE. <i>Engenharia Agrícola</i> , 2019, 39, 23-32.	0.2	4
30	Assessment of water availability vulnerability in the Cerrado. <i>Applied Water Science</i> , 2021, 11, 1.	2.8	4
31	Spectral sensors prove beneficial in determining nitrogen fertilizer needs of <i>Urochloa brizantha</i> cv. Xaraés grass in Brazil. <i>Tropical Grasslands - Forrajes Tropicales</i> , 2020, 8, 60-71.	0.1	3
32	Biophysical Parameters and Actual Evapotranspiration of Bean Culture by Means of Remote Sensing. <i>Journal of Agricultural Science</i> , 2019, 11, 156.	0.1	3
33	Productivity and water demand of maize estimated by the modified satellite Priestley-Taylor algorithm. <i>Semina:Ciencias Agrarias</i> , 2019, 40, 2991.	0.1	1
34	Alternative low-cost precipitation kit for assessing irrigation systems. <i>Semina:Ciencias Agrarias</i> , 2020, 42, 1783-1798.	0.1	1
35	Streamflow Regionalization Considering Water Balance with Actual Evapotranspiration Estimated from Remote Sensing. <i>Journal of Hydrologic Engineering - ASCE</i> , 2022, 27, .	0.8	1
36	Mapping coffee yield with computer vision. <i>Precision Agriculture</i> , 2022, 23, 2372-2387.	3.1	1