Lucas Borges Ferreira

List of Publications by Year
in descending order

15 papers	491 citations	1307594 7 h-index	1199594 12 g-index
15 all docs	15 docs citations	15 times ranked	385 citing authors

#	Article	IF	Citations
1	Estimation of reference evapotranspiration in Brazil with limited meteorological data using ANN and SVM â€“ A new approach. Journal of Hydrology, 2019, 572, 556-570.	5.4	197
2	New approach to estimate daily reference evapotranspiration based on hourly temperature and relative humidity using machine learning and deep learning. Agricultural Water Management, 2020, 234, 106113.	5.6	116
3	Multi-step ahead forecasting of daily reference evapotranspiration using deep learning. Computers and Electronics in Agriculture, 2020, 178, 105728.	7.7	78
4	Machine learning models for streamflow regionalization in a tropical watershed. Journal of Environmental Management, 2021, 280, 111713.	7.8	27
5	Exploring machine learning and multi-task learning to estimate meteorological data and reference evapotranspiration across Brazil. Agricultural Water Management, 2022, 259, 107281.	5.6	18
6	Multivariate adaptive regression splines (MARS) applied to daily reference evapotranspiration modeling with limited weather data. Acta Scientiarum - Agronomy, 2018, 41, 39880.	0.6	15
7	Calibration methods for the Hargreaves-Samani equation. Ciencia E Agrotecnologia, 2018, 42, 104-114.	1.5	10
8	Genetic diversity between and within full-sib families of Jatropha using ISSR markers. Industrial Crops and Products, 2018, 124, 899-905.	5.2	8
9	Performance of different methods for reference evapotranspiration estimation in JaÃba, Brazil. Revista Brasileira De Engenharia Agricola E Ambiental, 2018, 22, 83-89.	1.1	7
10	Generalizability of machine learning models and empirical equations for the estimation of reference evapotranspiration from temperature in a semiarid region. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20200304.	0.8	5
11	Selecting models for the estimation of reference evapotranspiration for irrigation scheduling purposes. PLoS ONE, 2021, 16, e0245270.	2.5	4
12	A smartphone APP for weather-based irrigation scheduling using artificial neural networks. Pesquisa Agropecuaria Brasileira, 0, 55, .	0.9	4
13	HS Cal software for the calibration of the Hargreaves-Samani equation. Pesquisa Agropecuaria Brasileira, 2019, 54, .	0.9	1
14	Reference evapotranspiration estimated from air temperature using the MARS regression technique. Bioscience Journal, 0, , 674-682.	0.4	1
15	Desenvolvimento inicial da cana-soca sob lÃ¢minas de irrigaÃ§Ã£o de salvamento. Agrarian, 2020, 13, 493-503.	0.1	0