Pau Marti

List of Publications by Year in descending order

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Δλιι Μλατι

#	Article	IF	CITATIONS
1	Supplanting missing climatic inputs in classical and random forest models for estimating reference evapotranspiration in humid coastal areas of Iran. Computers and Electronics in Agriculture, 2020, 176, 105633.	7.7	22
2	Discussion of "Evaluation of Temperature-Based Methods for the Estimation of Reference Evapotranspiration in the Yucatán Peninsula, Mexico―by Victor H. Quej, Javier Almorox, Javier A. Arnaldo, and Rubén Moratiel. Journal of Hydrologic Engineering - ASCE, 2020, 25, 07020010.	1.9	0
3	Adjustment of the Angstrom-Prescott equation from Campbell-Stokes and Kipp-Zonen sunshine measures at different timescales in Spain. Renewable Energy, 2020, 154, 337-350.	8.9	22
4	Assessing temporal data partitioning scenarios for estimating reference evapotranspiration with machine learning techniques in arid regions. Journal of Hydrology, 2020, 590, 125252.	5.4	15
5	Discussion of "Evaluation of the Vapor Pressure Models in the Estimation of Actual Vapor Pressure and Evapotranspiration―by Hitesh Upreti and C. S. P. Ojha. Journal of Irrigation and Drainage Engineering - ASCE, 2020, 146, 07019014.	1.0	0
6	Alternative heuristics equations to the Priestley–Taylor approach: assessing reference evapotranspiration estimation. Theoretical and Applied Climatology, 2019, 138, 831-848.	2.8	15
7	Data splitting strategies for improving data driven models for reference evapotranspiration estimation among similar stations. Computers and Electronics in Agriculture, 2019, 162, 70-81.	7.7	33
8	Discussion of "Modification of the Hargreaves–Samani Model for Estimating Solar Radiation from Temperature and Humidity Data―by John D. Valiantzas. Journal of Irrigation and Drainage Engineering - ASCE, 2019, 145, 07018038.	1.0	1
9	Discussion of "Estimating Evapotranspiration Using an Extreme Learning Machine Model: Case Study in North Bihar, India―by Deepak Kumar, Jan Adamowski, Ram Suresh, and Bogdan Ozga-Zielinski. Journal of Irrigation and Drainage Engineering - ASCE, 2018, 144, 07018017.	1.0	1
10	Discussion of "Evaluation of Some Net Radiation Models for Improving Daily Reference Evapotranspiration Estimation in Iran―by A. A. Sabziparvar, R. Mirgaloybayat, S. Marofi, H. Zare-Abyaneh, and M. Khodamorad Pour. Journal of Irrigation and Drainage Engineering - ASCE, 2017, 143. 07017017.	1.0	0
11	Evaluating the generalizability of GEP models for estimating reference evapotranspiration in distant humid and arid locations. Theoretical and Applied Climatology, 2017, 130, 377-389.	2.8	42
12	Effects of long-term summer deficit irrigation on â€~Navelina' citrus trees. Agricultural Water Management, 2016, 169, 140-147.	5.6	48
13	Discussion of "Assessment of Reference Evapotranspiration by the Hargreaves Method in the Bekaa Valley, Lebanon―by Roula Bachour, Wynn R. Walker, Alfonso F. Torres-Rua, and Mac McKee. Journal of Irrigation and Drainage Engineering - ASCE, 2015, 141, 07014053.	1.0	1
14	Local vs. external training of neuro-fuzzy and neural networks models for estimating reference evapotranspiration assessed through k-fold testing. Hydrology Research, 2015, 46, 72-88.	2.7	49
15	Independent testing for assessing the calibration of the Hargreaves–Samani equation: New heuristic alternatives for Iran. Computers and Electronics in Agriculture, 2015, 117, 70-80.	7.7	44
16	Global performance ranking of temperature-based approaches for evapotranspiration estimation considering Köppen climate classes. Journal of Hydrology, 2015, 528, 514-522.	5.4	129
17	Discussion of "Evapotranspiration Modeling Using Second-Order Neural Networks―by Sirisha Adamala, N. S. Raghuwanshi, Ashok Mishra, and Mukesh K. Tiwari. Journal of Hydrologic Engineering - ASCE, 2015, 20, 07015014.	1.9	0
18	Parametric expressions for the adjusted Hargreaves coefficient in Eastern Spain. Journal of Hydrology, 2015, 529, 1713-1724.	5.4	42

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19	Modeling reference evapotranspiration with calculated targets. Assessment and implications. Agricultural Water Management, 2015, 149, 81-90.	5.6	96
20	Comparison of heuristic and empirical approaches for estimating reference evapotranspiration from limited inputs in Iran. Computers and Electronics in Agriculture, 2014, 108, 230-241.	7.7	134
21	Generalizability of Gene Expression Programming-based approaches for estimating daily reference evapotranspiration in coastal stations of Iran. Journal of Hydrology, 2014, 508, 1-11.	5.4	91
22	Evaluation of gene expression programming approaches for estimating daily evaporation through spatial and temporal data scanning. Hydrological Processes, 2014, 28, 1215-1225.	2.6	72
23	An artificial neural network approach to the estimation of stem water potential from frequency domain reflectometry soil moisture measurements and meteorological data. Computers and Electronics in Agriculture, 2013, 91, 75-86.	7.7	27
24	Global cross-station assessment of neuro-fuzzy models for estimating daily reference evapotranspiration. Journal of Hydrology, 2013, 480, 46-57.	5.4	52
25	Artificial neural networks vs. Gene Expression Programming for estimating outlet dissolved oxygen in micro-irrigation sand filters fed with effluents. Computers and Electronics in Agriculture, 2013, 99, 176-185.	7.7	69
26	Evaluation of different data management scenarios for estimating daily reference evapotranspiration. Hydrology Research, 2013, 44, 1058-1070.	2.7	43
27	Discussion of "Hydraulic and Statistical Analyses of Design Emission Uniformity of Trickle Irrigation Systems―by Jafar Safaa Noori and Hayder A. Al Thamiry. Journal of Irrigation and Drainage Engineering - ASCE, 2013, 139, 1045-1048.	1.0	0
28	Multivariate statistical monitoring of ETo: A new approach for estimation in nearby locations using geographical inputs. Agricultural and Forest Meteorology, 2012, 152, 125-134.	4.8	17
29	Reference evapotranspiration estimation without local climatic data. Irrigation Science, 2011, 29, 479-495.	2.8	39
30	Modeling the variability of solar radiation data among weather stations by means of principal components analysis. Applied Energy, 2011, 88, 2775-2784.	10.1	30
31	Improvement of temperature-based ANN models for solar radiation estimation through exogenous data assistance. Energy Conversion and Management, 2011, 52, 990-1003.	9.2	30
32	Assessment of a 4-input artificial neural network for ETo estimation through data set scanning procedures. Irrigation Science, 2010, 29, 181.	2.8	7
33	Integrated Emitter Local Loss Prediction Using Artificial Neural Networks. Journal of Irrigation and Drainage Engineering - ASCE, 2010, 136, 11-22.	1.0	25
34	Generalization of ETo ANN Models through Data Supplanting. Journal of Irrigation and Drainage Engineering - ASCE, 2010, 136, 161-174.	1.0	33
35	Discussion of "Estimating Evapotranspiration Using Artificial Neural Network and Minimum Climatological Data―by S. S. Zanetti, E. F. Sousa, V. P. S. Oliveira, F. T. Almeida, and S. Bernardo. Journal of Irrigation and Drainage Engineering - ASCE, 2010, 136, 440-444.	1.0	1
36	Discussion of "Forecasting Weekly Evapotranspiration with ARIMA and Artificial Neural Network Models―by G. Landeras, A. Ortiz-Barredo, and J. J. López. Journal of Irrigation and Drainage Engineering - ASCE, 2010, 136, 435-438.	1.0	3

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37	Ancillary data supply strategies for improvement of temperature-based ETo ANN models. Agricultural Water Management, 2010, 97, 939-955.	5.6	30