Murat Cobaner

List of Publications by Year
in descending order

26 papers	956 citations	567247 15 h-index	552766 26 g-index
26 all docs	26 docs citations	26 times ranked	1002 citing authors

#	Article	IF	Citations
1	Suspended sediment concentration estimation by an adaptive neuro-fuzzy and neural network approaches using hydro-meteorological data. Journal of Hydrology, 2009, 367, 52-61.	5.4	146
2	Evapotranspiration estimation by two different neuro-fuzzy inference systems. Journal of Hydrology, 2011, 398, 292-302.	5.4	126
3	Estimation of Monthly Mean Reference Evapotranspiration in Turkey. Water Resources Management, 2014, 28, 99-113.	3.9	91
4	Three dimensional simulation of seawater intrusion in coastal aquifers: A case study in the Goksu Deltaic Plain. Journal of Hydrology, 2012, 464-465, 262-280.	5.4	67
5	Soil temperature modeling at different depths using neuro-fuzzy, neural network, and genetic programming techniques. Theoretical and Applied Climatology, 2017, 129, 833-848.	2.8	62
6	Comparison of Artificial Neural Network Methods with L-moments for Estimating Flood Flow at Ungauged Sites: the Case of East Mediterranean River Basin, Turkey. Water Resources Management, 2013, 27, 2103-2124.	3.9	54
7	Modifying Hargreavesâ€“Samani equation with meteorological variables for estimation of reference evapotranspiration in Turkey. Hydrology Research, 2017, 48, 480-497.	2.7	46
8	Estimation of mean monthly air temperatures in Turkey. Computers and Electronics in Agriculture, 2014, 109, 71-79.	7.7	45
9	Comparison of an ANN approach with 1-D and 2-D methods for estimating discharge capacity of straight compound channels. Advances in Engineering Software, 2010, 41, 120-129.	3.8	44
10	Reference evapotranspiration based on Class A pan evaporation via wavelet regression technique. Irrigation Science, 2013, 31, 119-134.	2.8	41
11	Modeling River Stageâ€Discharge Relationships Using Different Neural Network Computing Techniques. Clean - Soil, Air, Water, 2009, 37, 160-169.	1.1	36
12	Prediction of Hydropower Energy Using ANN for the Feasibility of Hydropower Plant Installation to an Existing Irrigation Dam. Water Resources Management, 2008, 22, 757-774.	3.9	34
13	Artificial neural network approaches for prediction of backwater through arched bridge constrictions. Advances in Engineering Software, 2010, 41, 627-635.	3.8	27
14	Prediction of groundwater levels from lake levels and climate data using ann approach. Water S A, 2019, 34, 199.	0.4	27
15	Bridge afflux analysis through arched bridge constrictions using artificial intelligence methods. Civil Engineering and Environmental Systems, 2009, 26, 279-293.	0.9	19
16	Initial assessment of bridge backwater using an artificial neural network approach. Canadian Journal of Civil Engineering, 2008, 35, 500-510.	1.3	17
17	Application of ANN techniques for estimating backwater through bridge constrictions in Mississippi River basin. Advances in Engineering Software, 2009, 40, 1039-1046.	3.8	15
18	Frequency analyses of annual extreme rainfall series from 5 min to 24 h. Hydrological Processes, 2010, 24, 3574-3588.	2.6	15

#	Article	IF	Citations
19	Prediction of geometrical properties of perfect breaking waves on composite breakwaters. Applied Ocean Research, 2011, 33, 178-185.	4.1	10
20	Estimation of Groundwater Levels With Surface Observations via Genetic Programming. Journal - American Water Works Association, 2016, 108, .	0.3	10
21	Forecasting backwater through bridge constrictions in Mississippi River Basin. River Research and Applications, 2009, 25, 315-328.	1.7	6
22	Assessment of Right-Tail Prediction Ability of Some Distributions by Monte Carlo Analyses. Journal of Hydrologic Engineering - ASCE, 2013, 18, 499-517.	1.9	5
23	Feasibility of Hydropower Plant Installation to Existing Irrigation Dams. Water International, 2007, 32, 254-264.	1.0	4
24	ANN approaches for the prediction of bridge backwater using both field and experimental data. International Journal of River Basin Management, 2011, 9, 53-62.	2.7	4
25	Bridge afflux estimation using artificial intelligence systems. Water Management, 2011, 164, 283-293.	1.2	3
26	Frequency analysis of annual maximum earthquakes within a geographical region. Soil Dynamics and Earthquake Engineering, 2012, 43, 323-328.	3.8	2