

Murat Kankal

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35
papers

740
citations

15
h-index

27
g-index

38
ext. papers

906
ext. citations

4.3
avg, IF

4.35
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 35 | Evaluation of the suitability of NCEP/NCAR, ERA-Interim and, ERA5 reanalysis data sets for statistical downscaling in the Eastern Black Sea Basin, Turkey. <i>Meteorology and Atmospheric Physics</i> , 2022 , 134, 1 | 2 | 1 |
| 34 | Innovative and polygonal trend analyses applications for rainfall data in Vietnam. <i>Theoretical and Applied Climatology</i> , 2021 , 144, 809-822 | 3 | 9 |
| 33 | Assessment of cement characteristics affecting rheological properties of cement pastes. <i>Neural Computing and Applications</i> , 2021 , 33, 12805 | 4.8 | 0 |
| 32 | Comparison of various turbulence model performance in computational fluid dynamics analyses of the oxidation ditches with experimental validation. <i>Chemical Engineering Research and Design</i> , 2021 , 154, 43-59 | 5.5 | 0 |
| 31 | Spatial Forecasting of Dissolved Oxygen Concentration in the Eastern Black Sea Basin, Turkey. <i>Water (Switzerland)</i> , 2020 , 12, 1041 | 3 | 8 |
| 30 | Prediction of Parameters which Affect Beach Nourishment Performance Using MARS, TLBO, and Conventional Regression Techniques. <i>Thalassas</i> , 2020 , 36, 245-260 | 0.9 | 1 |
| 29 | Artificial Intelligence Applications in Civil Engineering. <i>Advances in Civil Engineering</i> , 2019 , 2019, 1-3 | 1.3 | 6 |
| 28 | Performance evaluation of multiple adaptive regression splines, teaching-learning based optimization and conventional regression techniques in predicting mechanical properties of impregnated wood. <i>European Journal of Wood and Wood Products</i> , 2019 , 77, 645-659 | 2.1 | 8 |
| 27 | Prediction of suspended sediment loading by means of hybrid artificial intelligence approaches. <i>Acta Geophysica</i> , 2019 , 67, 1693-1705 | 2.2 | 6 |
| 26 | Forecasting Daily Streamflow Discharges Using Various Neural Network Models and Training Algorithms. <i>KSCE Journal of Civil Engineering</i> , 2018 , 22, 3676-3685 | 1.9 | 16 |
| 25 | Regional intensity-duration-frequency analysis in the Eastern Black Sea Basin, Turkey, by using L-moments and regression analysis. <i>Theoretical and Applied Climatology</i> , 2018 , 131, 245-257 | 3 | 6 |
| 24 | Predicting temporal rate coefficient of bar volume using hybrid artificial intelligence approaches. <i>Journal of Marine Science and Technology</i> , 2018 , 23, 596-604 | 1.7 | 5 |
| 23 | Estimating suspended sediment load with multivariate adaptive regression spline, teaching-learning based optimization, and artificial bee colony models. <i>Science of the Total Environment</i> , 2018 , 639, 826-840 | 10.2 | 48 |
| 22 | Neural network approach with teaching-learning-based optimization for modeling and forecasting long-term electric energy demand in Turkey. <i>Neural Computing and Applications</i> , 2017 , 28, 737-747 | 4.8 | 42 |
| 21 | Beach nourishment alternative assessment to constrain cross-shore and longshore sediment transport. <i>Applied Ocean Research</i> , 2016 , 59, 459-471 | 3.4 | 3 |
| 20 | Importance of hydropower for sustainable energy development in Turkey: Case of Bruh River. <i>Energy and Environment</i> , 2016 , 27, 905-918 | 2.4 | 1 |
| 19 | Application of Artificial Neural Networks and regression analysis to L-moments based regional frequency analysis in the Eastern Black Sea Basin, Turkey. <i>KSCE Journal of Civil Engineering</i> , 2016 , 20, 2082-2092 | 1.9 | 1 |

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| 18 | Status of hydropower and water resources in the Southeastern Anatolia Project (GAP) of Turkey. <i>Energy Reports</i> , 2016 , 2, 123-128 | 4.6 | 5 |
| 17 | Modeling stream dissolved oxygen concentration using teaching-learning based optimization algorithm. <i>Environmental Earth Sciences</i> , 2015 , 73, 6565-6576 | 2.9 | 43 |
| 16 | Assessment of hydropower and multi-dam power projects in Turkey. <i>Renewable Energy</i> , 2014 , 68, 118-133 | 3.1 | 15 |
| 15 | Prediction of berm geometry using a set of laboratory tests combined with teaching-learning-based optimization and artificial bee colony algorithms. <i>Applied Ocean Research</i> , 2014 , 48, 103-113 | 3.4 | 21 |
| 14 | Estimates of energy consumption in Turkey using neural networks with the teaching-learning-based optimization algorithm. <i>Energy</i> , 2014 , 75, 295-303 | 7.9 | 66 |
| 13 | Spatial and temporal variation of suspended sediment concentration versus turbidity in the stream Harit Watershed, NE Turkey. <i>Arabian Journal of Geosciences</i> , 2014 , 7, 4987-4996 | 1.8 | 7 |
| 12 | Estimates of hydroelectric generation using neural networks with the artificial bee colony algorithm for Turkey. <i>Energy</i> , 2014 , 69, 638-647 | 7.9 | 62 |
| 11 | The status of transboundary rivers in Turkey. <i>Water Resources</i> , 2014 , 41, 649-665 | 0.9 | 4 |
| 10 | Artificial neural network for estimation of harbor oscillation in a cargo harbor basin. <i>Neural Computing and Applications</i> , 2014 , 25, 95-103 | 4.8 | 8 |
| 9 | Prediction of suspended sediment concentration from water quality variables. <i>Neural Computing and Applications</i> , 2014 , 24, 1079-1087 | 4.8 | 20 |
| 8 | Assessment of big floods in the Eastern Black Sea Basin of Turkey. <i>Environmental Monitoring and Assessment</i> , 2013 , 185, 797-814 | 3.1 | 21 |
| 7 | Artificial neural network approach for assessing harbor tranquility: The case of Trabzon Yacht Harbor, Turkey. <i>Applied Ocean Research</i> , 2012 , 38, 23-31 | 3.4 | 15 |
| 6 | Estimation of suspended sediment concentration from turbidity measurements using artificial neural networks. <i>Environmental Monitoring and Assessment</i> , 2012 , 184, 4355-65 | 3.1 | 41 |
| 5 | Modeling and forecasting of Turkey's energy consumption using socio-economic and demographic variables. <i>Applied Energy</i> , 2011 , 88, 1927-1939 | 10.7 | 159 |
| 4 | Development of hydropower energy in Turkey: The case of ĩruh river basin. <i>Renewable and Sustainable Energy Reviews</i> , 2011 , 15, 1201-1209 | 16.2 | 33 |
| 3 | Energy situation and renewables in Turkey and environmental effects of energy use. <i>Renewable and Sustainable Energy Reviews</i> , 2008 , 12, 2013-2039 | 16.2 | 48 |
| 2 | İk Değerli Uyarlanabilir Regresyon Etileri (DURE) ile Göl Akarsu Akımlarının Tahmini-Haldizen Deresi Örneği. <i>Gözüne Üniversitesi Fen Bilimleri Enstitüsü Dergisi</i> , | | 7 |
| 1 | Era Interim Re-analiz Verileri Kullanarak İstatistiksel İk Doğeme Yöntemi ile Doğ Karadeniz Havzasındaki Ortalama Sıcaklıkların Tahmin Edilmesi. <i>Doğ Afetler Ve Çevre Dergisi</i> , 136-148 | 1 | 1 |

