Aynur Sensoy

List of Publications by Year
in descending order

		567281	677142
24 papers	722 citations	15 h-index	22 g-index
27 all docs	27 docs citations	27 times ranked	905 citing authors

#	Article	IF	Citations
1	Using MODIS snow cover maps in modeling snowmelt runoff process in the eastern part of Turkey. Remote Sensing of Environment, 2005, 97, 216-230.	11.0	243
2	Modelling and forecasting snowmelt runoff process using the HBV model in the eastern part of Turkey. Hydrological Processes, 2009, 23, 1031-1040.	2.6	65
3	Commentary on comparison of MODIS snow cover and albedo products with ground observations over the mountainous terrain of Turkey. Hydrology and Earth System Sciences, 2007, 11, 1353-1360.	4.9	47
4	Streamflow Forecasting Using Different Neural Network Models with Satellite Data for a Snow Dominated Region in Turkey. Procedia Engineering, 2016, 154, 1185-1192.	1.2	36
5	Accuracy assessment of MODIS daily snow albedo retrievals within situ measurements in Karasu basin, Turkey. Hydrological Processes, 2006, 20, 705-721.	2.6	33
6	The Value of Snow Depletion Forecasting Methods Towards Operational Snowmelt Runoff Estimation Using MODIS and Numerical Weather Prediction Data. Water Resources Management, 2012, 26, 3415-3440.	3.9	33
7	Improving daily streamflow forecasts in mountainous Upper Euphrates basin by multi-layer perceptron model with satellite snow products. Journal of Hydrology, 2016, 543, 630-650.	5.4	27
8	Intercomparison of measurements of bulk snow density and water equivalent of snow cover with snow core samplers: Instrumental bias and variability induced by observers. Hydrological Processes, 2020, 34, 3120-3133.	2.6	27
9	Evaluating the utility of the ANSA blended snow cover product in the mountains of eastern Turkey. International Journal of Remote Sensing, 2010, 31, 3727-3744.	2.9	24
10	Developing a decision support framework for real‑time flood management using integrated models. Journal of Flood Risk Management, 2018, 11, .	3.3	23
11	Point-scale energy and mass balance snowpack simulations in the upper Karasu basin, Turkey. Hydrological Processes, 2006, 20, 899-922.	2.6	21
12	Probabilistic Snow Cover and Ensemble Streamflow Estimations in the Upper Euphrates Basin. Journal of Hydrology and Hydromechanics, 2019, 67, 82-92.	2.0	20
13	Moving horizon estimation for assimilating H-SAF remote sensing data into the HBV hydrological model. Advances in Water Resources, 2016, 92, 248-257.	3.8	19
14	Short Term Optimal Operation of Water Supply Reservoir under Flood Control Stress using Model Predictive Control. Water Resources Management, 2018, 32, 583-597.	3.9	19
15	Real-Time Flood Control by Tree-Based Model Predictive Control Including Forecast Uncertainty: A Case Study Reservoir in Turkey. Water (Switzerland), 2018, 10, 340.	2.7	18
16	Basin/Reservoir System Integration for Real Time Reservoir Operation. Water Resources Management, 2016, 30, 1653-1668.	3.9	17
17	Comparison of Different Reservoir Models for Short Term Operation of Flood Management. Procedia Engineering, 2016, 154, 1385-1392.	1.2	14
18	Modis Snowline Elevation Changes During Snowmelt Runoff Events in Europe. Journal of Hydrology and Hydromechanics, 2019, 67, 101-109.	2.0	14

#	Article	IF	Citations
19	Modelling the temporal variation in snow-covered area derived from satellite images for simulating/forecasting of snowmelt runoff in Turkey/Modélisation de la variation temporelle de la surface enneigée à partir d'images satellitaires pour la simulation/prévision de l'écoulement de fonte nivale en Turquie. Hydrological Sciences Journal, 2005, 50, .	2.6	12
20	Comparison of sequential and variational assimilation methods to improve hydrological predictions in snow dominated mountainous catchments. Journal of Hydrology, 2022, 612, 127981.	5.4	4
21	Evaluation of Probabilistic Streamflow Forecasts Based on EPS for a Mountainous Basin in Turkey. Procedia Engineering, 2016, 154, 490-497.	1.2	3
22	Comment on "Catchment flow estimation using Artifical Neural Networks in the mountainous Euphrates basin" by A.G. Yilmaz, M.A. Imteaz, G. Jenkins (J. Hydrol. 410 (2011) 134–140). Journal of Hydrology, 2012, 454-455, 208-210.	5.4	2
23	Kısa Dönemli Hidrolojik Tahmin Sistemi Uygulaması. Doğal Afetler Ve Çevre Dergisi, 0, , 338-353.	0.9	0
24	Dağlık Havzalarda Uydu Kar Verisi ve Dalgacık Sinir Ağı Tabanlı Olasılıklı Akım Modelleme Yaklaşımı. Uludağ University Journal of the Faculty of Engineering, 0, , 1139-1154.	0.2	0

3