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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAA-5400-2021

ScopusID: 57420233100

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Education Information

Doctorate, Cukurova University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2022 - Continues

Postgraduate, Hasan Kalyoncu University, Institute Of Science, Department of Electronic-Computer Engineering, Turkey 2020 - 2022

Undergraduate, Hasan Kalyoncu University, Faculty Of Engineering, Department Of Computer Engineering, Turkey 2013 - 2018

Dissertations

Postgraduate, Prediction of long-term streamflow by using adaptive neuro-fuzzy inference system (ANFIS), Hasan Kalyoncu University, Institute Of Science, Department of Electronic-Computer Engineering, 2022

Research Areas

Computer Networks, Artificial Intelligence, Computer Learning and Pattern Recognition, Neural Networks, Software, Hydraulic, Water Resources Planning and Management

Academic Titles / Tasks

Research Assistant, Cukurova University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2023 - Continues

Research Assistant, Hasan Kalyoncu University, Faculty Of Engineering, Department Of Computer Engineering, 2020 - 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- Multimodal Fusion of Optimized GRU-LSTM with Self-Attention Layer for Hydrological Time Series Forecasting**

Kilinc H., Apak S., Ozkan F., Ergin M., Yurtsever A.

WATER RESOURCES MANAGEMENT, pp.1-2, 2024 (SCI-Expanded)

- II. **A comparative study of daily streamflow forecasting using firefly, artificial bee colony, and genetic algorithm-based artificial neural network**
Kilinc H. C., Haznedar B., KATİPOĞLU O. M., ÖZKAN F.
Acta Geophysica, 2024 (SCI-Expanded)
- III. **An evolutionary hybrid method based on particle swarm optimization algorithm and extreme gradient boosting for short-term streamflow forecasting**
Kilinc H. C., Haznedar B., ÖZKAN F., KATİPOĞLU O. M.
Acta Geophysica, 2024 (SCI-Expanded)
- IV. **Streamflow forecasting using a hybrid LSTM-PSO approach: the case of Seyhan Basin**
Haznedar B., Kilinc H. C., Ozkan F., Yurtsever A.
NATURAL HAZARDS, vol.117, no.1, pp.1-21, 2023 (SCI-Expanded)

Articles Published in Other Journals

- I. **Comparative analysis of ANFIS models in Prediction of Streamflow: the case of Seyhan Basin**
Özkan F., Haznedar B.
INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS ELECTRONICS AND COMPUTERS, vol.11, pp.72-78, 2023
(Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Long Term River Flow Forecasting using Adaptive Neuro-fuzzy Inference System (ANFIS)**
ÖZKAN F., HAZNEDAR B.
10th International Conference on Advanced Technology (ICAT'22), Van, Turkey, 25 November 2022
- II. **Performance Comparison of Turkish Web Pages Classification**
Alqaraleh S., Sirin H. M. N., Ozkan F.
2021 Innovations in Intelligent Systems and Applications Conference (ASYU), 06 October 2021, pp.1-5

Supported Projects

TUBITAK Project, Güç Kaynaklı Tekerlekli Sandalye Sistemi İçin Dış Ortamda Görsel Hafıza ile Seyrüsefer Ve Yol Takibi, 2018 - 2023

Project Supported by Other Private Institutions, Subject Specific Web Browser with Convolutional Deep Neural Networks, 2020 - 2022