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International Researcher IDs

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Education Information

Doctorate, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, Turkey 2020 - Continues

Postgraduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, Turkey 2017 - 2020

Undergraduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, Turkey 2012 - 2017

Research Areas

Statistics, Statistics, Statistical Analysis and Applications

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Forecasting Performance of Machine Learning, Time Series and Hybrid Methods for Low and High Frequency Time Series**
Özdemir O., Yozgatlıgil C.
STATISTICA NEERLANDICA, vol.00390402, no.78 (2), pp.441-474, 2024 (SCI-Expanded)
- II. **The Conference Report of Why R? Turkey 2022: The First R Conference with Call For Papers in Turkey**
Cavus M., Aydin O., Evkaya O., TURFAN D., Karadag F., ÖZDEMİR O., Dar U., Bezer D.
R JOURNAL, vol.14, no.2, pp.340-346, 2022 (SCI-Expanded)
- III. **The impacts of COVID-19 lockdown on PM10 and SO2 concentrations and association with human mobility across Turkey**
ORAK N. H., ÖZDEMİR O.
Environmental Research, vol.197, 2021 (SCI-Expanded)
- IV. **Conference Report of Why R? Turkey 2021**
Cavus M., Aydin O., Evkaya O., ÖZDEMİR O., Bezer D., Dar U.
R JOURNAL, vol.13, no.1, pp.648-653, 2021 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Modeling and Evaluation of Human Motor Learning by Finger Manipulandum**
Okasha A., Şengezer S., ÖZDEMİR O., YOZGATLIGİL C., TURGUT A. E., Arıkan K. B.
14th International Conference on Social Robotics, ICSR 2022, Florence, Italy, 13 - 16 December 2022, vol.13817
LNAI, pp.325-334
- II. **PERFORMANCE COMPARISON OF MACHINE LEARNING METHODS AND TRADITIONAL TIME SERIES METHODS FOR FORECASTING**
Özdemir O., Yozgatlıgil C.
5th International Researchers, Statisticians and Young Statisticians Congress, Aydın, Turkey, 18 - 20 October 2019, pp.1
- III. **Estimation of Earthquake Magnitude and its Direction in Muğla and Kütahya Provinces Using Machine Learning**
Özdemir O., Yozgatlıgil C.
4. Ulusal Sigorta ve Aktüerya Kongresi, Ankara, Turkey, 24 - 25 June 2019, vol.1, no.1, pp.81-82

Supported Projects

YOZGATLIGİL C., YAZICI P. C., ÖZDEMİR O., Project Supported by Higher Education Institutions, ZAMAN SERİLERİNDE DURAĞANLIĞIN YAPAY ZEKA İLE TESPİT EDİLMESİ, 2023 - Continues

Metrics

Publication: 7

Citation (WoS): 11

Citation (Scopus): 23

H-Index (WoS): 1

H-Index (Scopus): 1

Awards

Özdemir O., Yozgatlıgil C., USAK2019 Poster Award Winner - 1st place / Estimation of Earthquake Magnitude and its Direction in Muğla and Kütahya Provinces Using Machine Learning, Orta Doğu Teknik Üniversitesi Ev Sahipliğinde, Uygulamalı Matematik Enstitüsü (Odtü) Ve Aktüerler Derneği, June 2019