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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAA-4146-2022

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Education Information

Doctorate, Ondokuz Mayıs University, Lisansüstü Eğitim Enstitüsü, İstatistik (Dr), Turkey 2020 - Continues

Postgraduate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, İstatistik (YI) (Tezli), Turkey 2017 - 2020

Undergraduate, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, İstatistik Bölümü, Turkey 2013 - 2017

Undergraduate, Istanbul Technical University, Bilgisayar Ve Bilişim Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 2007 - 2013

Research Areas

Artificial Intelligence, Computer Learning and Pattern Recognition, Statistics

Academic Titles / Tasks

Research Assistant, Ondokuz Mayıs University, Fen Fakültesi, İstatistik Bölümü, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Local resampling for locally weighted Naive Bayes in imbalanced data**
SAĞLAM F., Cengiz M. A.
COMPUTING, vol.106, no.1, pp.185-200, 2024 (SCI-Expanded)
- II. **Alternative expectation approaches for expectation-maximization missing data imputations in cox regression**
Sağlam F., Sanli T., Cengiz M. A., Terzi Y.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.52, no.12, pp.5966-5974, 2023 (SCI-Expanded)
- III. **Clustered Bayesian classification for within-class separation**
SAĞLAM F., Yıldırım E., Cengiz M. A.
EXPERT SYSTEMS WITH APPLICATIONS, vol.208, 2022 (SCI-Expanded)
- IV. **A Novel Expert System for Diagnosis of Iron Deficiency Anemia**
Terzi E., Sarıbacak B., SAĞLAM F., Cengiz M. A.
COMPUTATIONAL AND MATHEMATICAL METHODS IN MEDICINE, vol.2022, 2022 (SCI-Expanded)

- V. **A novel SMOTE-based resampling technique through noise detection and the boosting procedure**
Sağlam F., Cengiz M. A.
EXPERT SYSTEMS WITH APPLICATIONS, vol.200, 2022 (SCI-Expanded)
- VI. **Investigation on an Innovative Internally Cooled Smart Cutting Tool with the Built-in Cooling-Control System**
Öztürk E., Yıldızlı K., SAĞLAM F.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.46, no.3, pp.2397-2411, 2021 (SCI-Expanded)

Articles Published in Other Journals

- I. **SOSYAL BİLİMLERDE VERİ BİLİMİ KULLANIMI**
Sağlam F., Cengiz M. A.
Avrasya Sosyal ve Ekonomi Araştırmaları Dergisi (ASEAD), vol.10, no.4, pp.1175-1207, 2023 (Peer-Reviewed Journal)
- II. **ORIGINAL PAPER AN ENHANCED CLASSIFICATION SYSTEM BASED ON KERNEL PRINCIPAL COMPONENT ANALYSIS AND DATA COMPLEXITY MEASURES**
SAĞLAM F., DÜNDER E., CENGİZ M. A.
JOURNAL OF SCIENCE AND ARTS, no.2, pp.12, 2023 (ESCI)
- III. **Design and manufacture of a sensor control the glasses of vehicles to protect forgotten life-beings inside vehicles**
Öztürk E., Kaygusuz S., SAĞLAM F., Yıldızlı K.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.28, no.1, pp.26-36, 2022 (ESCI)
- IV. **Optimization Based Undersampling for Imbalanced Classes Dengesiz Sınıflamada Optimizasyona Dayalı Azörnekleme**
SAĞLAM F., Sözen M., Cengiz M. A.
Adiyaman University Journal of Science, vol.11, no.2, pp.385-409, 2021 (Scopus)
- V. **PISA Fen, Matematik ve Okuma Puanları Arasındaki Bağımlılık Yapısının Kapula ile Modellenmesi**
PALA M., SAĞLAM F.
Selçuk Üniversitesi Fen Fakültesi Fen Dergisi, vol.45, no.2, pp.149-162, 2019 (Peer-Reviewed Journal)
- VI. **Incorrect Model Selection Of AIC Value When Determining Copula Model**
PALA M., SAĞLAM F., SÖZEN Ç.
The Journal of International Scientific Researches, vol.4, no.3, pp.335-343, 2019 (Peer-Reviewed Journal)
- VII. **INVESTIGATING THE DEPENDENCY STRUCTURE OF UNEMPLOYMENT RATE WITH REGARD TO EXPORT AND IMPORT USING COPULA METHOD**
PALA M., SAĞLAM F., SÖZEN Ç.
EPRA International Journal of Research Development (IJRD), vol.5, no.9, pp.30-33, 2019 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Annenin Psikolojik Kontrol ve Özerklik Desteği Ebeveynlik Uygulamalarının Öncülleri Mükemmeliyetçilik ve Psikolojik Dayanıklılık Olabilir Mi?**
KINDAP TEPE Y., KOÇOĞLU F., SAĞLAM F.
Sözel Bildiri, İzmir, Turkey, 2 - 03 June 2023
- II. **R-Shiny Application of Double-Censored Parametric Survival Data**
ŞANLI T., SAĞLAM F.
5th International Conference on Data Science and Applications (ICONDATA'22), Fethiye, Turkey, 07 September 2022
- III. **BOOSTING İLE GÖZLEMLERİN DOĞRU TAHMİN EDİLEBİLİRLİK SEVİYESİ TESPİTİ VE DENGESİZ SINIF**

PROBLEMİNDE SENTETİK VERİ ÜRETİMİNDE KULLANIMI

SAĞLAM F., TURAN S. C., CENGİZ M. A.

ULUSLARARASI 19 MAYIS MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, Samsun, Turkey, 17 - 19 May 2019, pp.691-699

IV. Noise Detection in Imbalanced Classes Using Adaptive Boosting

SAĞLAM F., Cengiz M. A.

4th International Conference on Computer Science and Engineering (UBMK), Samsun, Turkey, 11 - 15 September 2019, pp.449-452