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International Researcher IDs

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Publons / Web Of Science ResearcherID: GSK-5423-2022

ScopusID: 57251139900

Yoksis Researcher ID: 249797



Education Information

Doctorate, Hacettepe University, Fen Fakültesi, İstatistik Bölümü, Turkey 2017 - 2023

Postgraduate, Selcuk University, Institute Of Science, Statistics, Turkey 2013 - 2017

Undergraduate, Hacettepe University, Fen Fakültesi, Aktüerya Bilimleri Bölümü, Turkey 2009 - 2013

Certificates, Courses and Trainings

Occupational Health and Safety, Çalışanların İş Sağlığı ve Güvenliği Eğitim Programı, Hacettepe Üniversitesi, 2022

Finance, Kariyerime Başlarken Eğitimi, Türkiye İş Bankası, 2014

Dissertations

Doctorate, A Novel Convolutional Neural Network Architecture for Classification of Biomedical Images , Hacettepe University, Fen Bilimleri Enstitüsü, İstatistik A.B.D., 2023

Postgraduate, Ekonomik Kalkınma ve İşbirliği Örgütü (OECD) ülkelerinin mortalite verisi üzerine geliştirilmiş tahmin denklemleri yaklaşımının bir uygulaması, Selcuk University, Institute Of Science, 2017

Research Areas

Biomedical Image Processing, Biosignal Processing, Statistics, Statistical Analysis and Applications

Academic Titles / Tasks

Assistant Professor, Ataturk University, Fen Fakültesi, İstatistik, 2024 - Continues

Research Assistant PhD, Ataturk University, Fen Fakültesi, Matematik, 2023 - 2024

Research Assistant, Hacettepe University, Fen Fakültesi, İstatistik Bölümü, 2018 - 2023

Research Assistant, Ataturk University, Fen Fakültesi, Matematik, 2017 - 2018

Research Assistant, Selcuk University, Faculty Of Science, Department Of Statistics, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Machine learning models for predicting treatment response in infantile epilepsies**
Pembegül Yildiz E., Coskun O., Kurekci F., Maras Genc H., ÖZALTIN Ö.
Epilepsy and Behavior, vol.160, 2024 (SCI-Expanded)
- II. **A Novel Feature Selection Approach-Based Sampling Theory on Grapevine Images Using Convolutional Neural Networks**
Özaltın Ö., Koyuncu N.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.1, no.1, pp.1-16, 2024 (SCI-Expanded)
- III. **OzNet: A New Deep Learning Approach for Automated Classification of COVID-19 Computed Tomography Scans**
Ozaltın Ö., YENİAY M. Ö., Subasi A.
BIG DATA, vol.11, pp.420-436, 2023 (SCI-Expanded)
- IV. **A novel proposed CNN-SVM architecture for ECG scalograms classification**
Ozaltın Ö., YENİAY M. Ö.
SOFT COMPUTING, vol.27, no.8, pp.4639-4658, 2023 (SCI-Expanded)
- V. **Classification of brain hemorrhage computed tomography images using OzNet hybrid algorithm**
Ozaltın Ö., Coskun O., Yeniay M. Ö., Subasi A.
INTERNATIONAL JOURNAL OF IMAGING SYSTEMS AND TECHNOLOGY, vol.33, no.1, pp.69-91, 2023 (SCI-Expanded)
- VI. **A Deep Learning Approach for Detecting Stroke from Brain CT Images Using OzNet**
Ozaltın Ö., Coskun O., YENİAY M. Ö., Subasi A.
BIOENGINEERING-BASEL, vol.9, no.12, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **Date Fruit Classification by Using Image Features Based on Machine Learning Algorithms**
ÖZALTIN Ö.
Research in agricultural sciences, vol.55, no.1, pp.26-35, 2024 (Peer-Reviewed Journal)
- II. **Detection of monkeypox disease from skin lesion images using Mobilenetv2 architecture**
Özaltın Ö., Yeniay M. Ö.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.72, no.2, pp.482-499, 2023 (ESCI)

Books & Book Chapters

- I. **Artificial intelligence in diagnosis of neural disorders using biosignals and imaging**
SUBAŞI A., Subaşı T. N., ÖZALTIN Ö.
in: Advances in Artificial Intelligence, , Editor, Academic Press , pp.523, 2024
- II. **Automated Recognition of Human Emotions from EEG Signals Using Signal Processing and Machine Learning Techniques**
SUBAŞI A., Subaşı T. N., ÖZALTIN Ö.
in: Artificial Intelligence Enabled Signal Processing based Models for Neural Information Processing, Pachori Ram Bilas, Tripathy Rajesh Kumar, Editor, CRC Press, Boca Raton, pp.79-101, 2024
- III. **Artificial Intelligence based Brain Hemorrhage Detection**
Özaltın Ö., Yeniay M. Ö., Subaşı A.
in: Accelerating Strategic Changes for Digital Transformation in the Healthcare Industry, Patricia Ordonez de Pablos, Xi Zhang, Editor, Academic Press , California, pp.179-199, 2023
- IV. **Trustworthy Artificial Intelligence in Healthcare**

Subaşı A., Özaltın Ö., Mitra A., Subasi M. E., Sarirete A.

in: Accelerating Strategic Changes for Digital Transformation in the Healthcare Industry, Patricia Ordonez de Pablos, Xi Zhang, Editor, Academic Press , California, pp.145-177, 2023

Refereed Congress / Symposium Publications in Proceedings

- I. **Forecasting of Loans to Finance Agricultural Production with Artificial Intelligence-Based Model**
Özaltın Ö.
INTERNATIONAL CONFERENCE ON GLOBAL PRACTICE OF MULTIDISCIPLINARY SCIENTIFIC STUDIES-VII, Girne, Cyprus (Kkctc), 4 - 06 July 2024, pp.4
- II. **Classification of Coffee Beans Using Convolutional Neural Networks**
Yonar A., Özaltın Ö.
IV. International Applied Statistics Congress (UYIK - 2023), Sarajevo, Bosnia And Herzegovina, 26 - 29 September 2023, pp.97
- III. **Comparison of Support Vector Machines and ShuffleNet for Detection of Rice Species**
Özaltın Ö.
1st International Conference on Recent and Innovative Results in Engineering and Technology ICRIRET 2023, Konya, Turkey, 16 - 18 August 2023, pp.92-97
- IV. **Automatically Image Classification Based on a New CNN Architecture**
ÖZALTIN Ö., KÖKLÜ M., YONAR A., YENİAY M. Ö.
III. International Applied Statistics Conference (UYIK - 2022), Skopje, N. Macedonia, 22-24 June 2022, Skopje, Macedonia, 22 June 2022, pp.31-32
- V. **A Hybrid Structure for Classification of Brain Cysts Images**
ÖZALTIN Ö., YONAR A., ÇOŞKUN O., YENİAY M. Ö.
III. International Applied Statistics Conference (UYIK - 2022), Skopje, N. Macedonia, 22-24 June 2022, Skopje, Macedonia, 22 June 2022, pp.242
- VI. **Classification of Breast Cancer Diagnosis with Machine Learning Algorithms**
YONAR A., YONAR H., ÖZALTIN Ö.
III. International Applied Statistics Conference (UYIK - 2022), Skopje, N. Macedonia, 22-24 June 2022, Skopje, Macedonia, 22 June 2022
- VII. **ECG Classification Performing Feature Extraction Automatically Using a Hybrid CNN-SVM Algorithm**
Ozaltın Ö., Yeniay M. Ö.
3rd International Congress on Human-Computer Interaction, Optimization and Robotic Applications, HORA 2021, Ankara, Turkey, 11 - 13 June 2021
- VIII. **Generalized Linear Models (GZLMs) for Poisson-Gamma Distributed Response Variable**
Özaltın Ö., İyit N.
3rd International Researchers, Statisticians and Young Statisticians Congress (IRSYSC-2017), Konya, Turkey, 24 - 26 May 2017, pp.58
- IX. **An Application of Generalized Linear Model (GZLM) Approach for Longitudinal Data**
İyit N., Özaltın Ö.
2nd International Conference on Science, Ecology, and Technology-2016 (ICONSETE-2016), Barcelona, Spain, 14 - 16 October 2016, pp.143
- X. **Generalized Linear Model (GZLM) with a Gamma distributed Response Variable for Investigating United States Mortality Data**
İyit N., Özaltın Ö.
Second International Researchers, Statisticians and Young Statisticians Congress (IRSYSC-2016), Ankara, Turkey, 4 - 08 May 2016, pp.94

Supported Projects

Özaltın Ö., Çobanbaş S., Sırakaya Y., Güneş Y., TÜBİTAK Project, Yapay Zekâ ile Alzheimer Hastalığının Otomatik Tespiti, 2023 - 2024

Activities in Scientific Journals

BILGI DUNYASI, Editor, 2022 - Continues

Scientific Refereeing

SIGNAL, IMAGE AND VIDEO PROCESSING, Journal Indexed in SCI-E, June 2023

International Journal of Applied Mathematics, Electronics and Computers , National Scientific Refreed Journal, March 2023

CLINICAL INTERVENTIONS IN AGING, SCI Journal, January 2023

Metrics

Publication: 22

Citation (WoS): 19

Citation (Scopus): 31

H-Index (WoS): 3

H-Index (Scopus): 4

Non Academic Experience

Company, Türkiye İş Bankası, Zafer Şubesi