

BEGÜM KARA GÜLAY

RES. ASST. PHD

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International Researcher IDs

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Publons / Web Of Science ResearcherID: Q-2384-2016

ScopusID: 57211553413

Yoksis Researcher ID: 103649



Learning Knowledge

Doctorate
2015 - 2023

Dokuz Eylul University, Fen Bilimleri Enstitüsü, Turkey

Postgraduate
2013 - 2015

Dokuz Eylul University, Fen Bilimleri Enstitüsü, İstatistik (YI) (Tezli), Turkey

Undergraduate
2008 - 2013

Ege University, Faculty Of Science, İstatistik Bölümü, Turkey

Foreign Languages

German, A2 Elementary

English, C1 Advanced

Dissertations

Doctorate, A novel hybrid feature extraction method for classification of chemosensory EEG signals, Dokuz Eylul University, Fen Fakültesi, İstatistik Bölümü, 2023

Postgraduate, AN APPLICATION USING CONCOMITANT VARIABLES IN PARTIAL RANK ORDERED SET SAMPLING, Dokuz Eylul University, Fen Bilimleri Enstitüsü, 2015

Scholarships

SINGAPORE INTERNATIONAL GRADUATE AWARD (SINGA), University, 2017 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- A novel feature extraction method using chemosensory EEG for Parkinson's disease classification**
Kara Gulay B., Demirel N., Vahaplar A., Guducu Ç.
BIOMEDICAL SIGNAL PROCESSING AND CONTROL, vol.79, no.2, pp.1-10, 2023 (SCI-Expanded)
- Two-layer median ranked set sampling**

KARA GÜLAY B., DEMİREL N.

HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.48, no.5, pp.1560-1569, 2019 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

1. **Examining Prefrontal Oxygenation Parameter in Migraine Classification A Machine Learning Approach**
Öztürk F. E., Zengin N., Kara Gülay B., Öztürk V., Güdücü Ç., Demirel N.
2nd Joint German-Turkish Symposium on Human Neuroscience, Ankara, Turkey, 7 - 09 September 2023
2. **Examining the response of olfactory stimulus in EEG signals**
KARA B., DEMİREL N., VAHAPLAR A., GÜDÜCÜ Ç.
11th International Statistics Congress, 4 - 08 October 2019
3. **The Efficiency of Two Layer Ranked Set Sampling for Regression Estimators**
KARA B., DEMİREL N.
European Meeting of Statisticians, 06 July 2015

Scientific Refereeing

BIOMEDICAL SIGNAL PROCESSING AND CONTROL, SCI Journal, March 2024

Turkish Journal of Science & Technology, Other Indexed Journal, May 2023

Mobility Activity

Other, Get Education, National University of Singapore, Singapore, 2017 - 2018

Metrics

Publication: 5

Citation (WoS): 1

Citation (Scopus): 1

H-Index (WoS): 1

H-Index (Scopus): 1

Congress and Symposium Activities

Ulusal Nörogörüntüleme Kongresi (NGK 2023), Attendee, Ankara, Turkey, 2023

2nd International Bileteral Workshop between DEU and ANAS , Audience, İzmir, Turkey, 2022

11 th International Statistics Congress, Attendee, Muğla, Turkey, 2019

European Meeting of Statisticians, Attendee, Amsterdam, Netherlands, 2015

Research Areas

Biosignal Processing, Statistics, Statistical Analysis and Applications