

Res. Asst. PhD MEHMET FATİH KARAKAŞ

Personal Information

Email: mehmetfatih.karakas@erzincan.edu.tr

Web: <https://avesis.ebyu.edu.tr/mehmetfatih.karakas>

International Researcher IDs

ScholarID: GMQ2DnkAAAAJ

ORCID: 0000-0003-0233-6141

Yoksis Researcher ID: 225459

Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Biomedical Engineering, Turkey 2017 - 2024

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Biomedical Engineering, Turkey 2014 - 2017

Undergraduate, Erciyes University, Mühendislik Fakültesi, Biyomedikal Mühendisliği, Turkey 2009 - 2014

Foreign Languages

English, C1 Advanced

Research Areas

Computer Sciences, algorithms, Computer Vision, bioinformatics, Artificial Intelligence, Computer Learning and Pattern Recognition, Software, Biomedical Engineering, Biomedical Image Processing, Biosignal Processing, Engineering and Technology

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Distinguishing Parkinson's Disease with GLCM Features from the Hankelization of EEG Signals**
Karakas M. F., Latifoğlu F.
DIAGNOSTICS, vol.13, no.10, pp.1-11, 2023 (SCI-Expanded)

Articles Published in Other Journals

- I. **Complex Exponential Modulated Quadrature Filter Bank Design Based on Chaos Game Optimization Algorithm**
Karakas M. F., Latifoğlu F.
The European Journal of Research and Development, vol.3, no.3, pp.14-30, 2023 (Peer-Reviewed Journal)
- II. **Metaheuristic FIR Filter Design with Multi-Objective Atomic Orbital Search Algorithm**
Karakas M. F., Latifoğlu F.
Avrupa Bilim ve Teknoloji Dergisi, no.39, pp.13-16, 2022 (Peer-Reviewed Journal)
- III. **Optimizasyon Tabanlı FIR Süzgeç Tasarımlarında Performans Analizi**
Karakas M. F., Latifoğlu F.

Refereed Congress / Symposium Publications in Proceedings

- I. **Finite Impulse Response Filter Design Using Squirrel Search Algorithm Sincap Arama Algoritması Kullanarak Sonlu Dürtü Yanıtlı Filtre Tasarımı**
Karakaş M. F., Latifoğlu F.
2020 Medical Technologies Congress, TIPTEKNO 2020, Antalya, Turkey, 19 - 20 November 2020
- II. **Assessment of Anxiety Disorder by EGG Response**
Karakaş M. F., Latifoğlu F., Demirci E.
II. International Conference on Innovative Engineering Applications, Sivas, Turkey, 20 - 22 September 2018, pp.321-326
- III. **Assessment of anxiety disorder by pupil response Anksiyete Bozukluğunun Göz Bebeği Yaniti Ile Değerlendirilmesi**
Karakaş M. F., Latifoğlu F., Demirci E.
2017 Medical Technologies National Conference, TIPTEKNO 2017, Trabzon, Turkey, 12 - 14 October 2017, vol.2017-January, pp.1-4

Supported Projects

Karakaş B., Karakaş M. F., TUBITAK Project, ND-YAG Lazer Tedavi Cihazı Yerli Üretimi, 2020 - 2021

Karakaş M. F., TUBITAK Project, İdrar Sedimenti Görüntülerinde Görüntü İşleme Algoritmaları Kullanarak Hücre Sayımı Yapılması, 2014 - 2015

Scientific Refereeing

Sakarya University Journal of Computer and Information Sciences (Online), National Scientific Refreed Journal, November 2024

BMC CARDIOVASCULAR DISORDERS, SCI Journal, October 2024

Metrics

Publication: 7

Citation (Scopus): 5

H-Index (Scopus): 1