

## Res. Asst. FIRAT ORHAN BULUCU

### Personal Information

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### International Researcher IDs

ORCID: 0000-0003-4558-9667

Publons / Web Of Science ResearcherID: HJH-7831-2023

Yoksis Researcher ID: 302742

### Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Turkey 2021 - Continues

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Turkey 2017 - 2020

Undergraduate, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği, Turkey 2018 - 2019

Undergraduate, Erciyes University, Mühendislik Fakültesi, Biyomedikal Mühendisliği, Turkey 2013 - 2017

### Dissertations

Postgraduate, Amyotrofik Lateral Skleroz (ALS) hastalığının tespiti için görsel uyaranlar ile elde edilen olay ilişkili potansiyel sinyallerinin incelenmesi, Erciyes University, Fen Bilimleri Enstitüsü, -, 2020

### Research Areas

Biomedical Engineering, Engineering and Technology

### Academic Titles / Tasks

Research Assistant, Inonu University, Mühendislik Fakültesi, Biyomedikal Mühendisliği, 2019 - Continues

### Academic and Administrative Experience

Internship Committee Member, Inonu University, Mühendislik Fakültesi, Biyomedikal Mühendisliği, 2019 - Continues

Member of Department Promotion and Alumni Relations Commission, Inonu University, Mühendislik Fakültesi,

Biyomedikal Mühendisliği, 2019 - Continues

### Articles Published in Other Journals

- Development of a Machine Learning Based Clinical Decision Support System for Classification of Migraine Types: A Preliminary Study**  
Orhan Bulucu F., Latifoğlu F.

International Journal of Advanced Natural Sciences and Engineering Researches, vol.8, no.2, pp.323-332, 2024  
(Peer-Reviewed Journal)

**II. Electrocardiography Device with PIC18F4550 Microcontroller Using Different Communication Protocols**

Çam F., Orhanbulucu F., Gökçe S., Büyük M., Akyürek H., Saraçoğlu Ö. G.

Anatolian Science - Journal of Computer Sciences, vol.6, no.3, pp.145-151, 2021 (Peer-Reviewed Journal)

**III. Glove Design Assistant With Hearing and Speech Difficulties**

Orhanbulucu F., Zengin R., Kurt F., Karadeniz K., Ergüleç M. E.

Avrupa Bilim ve Teknoloji Dergisi, pp.228-231, 2020 (Peer-Reviewed Journal)

**IV. Analysis of Attention to Potential Signals of ALS Patients by Using the K-Means Clustering Method**

Orhanbulucu F., Latifoğlu F., Baş A.

Avrupa Bilim ve Teknoloji Dergisi, pp.239-244, 2020 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

**I. EVALUATION OF P300 WAVE BY VARIATION COEFFICIENT IN ALS PATIENTS**

Orhanbulucu F., Latifoğlu F.

MAS 11th INTERNATIONAL EUROPEAN CONFERENCE ON MATHEMATICS, ENGINEERING, NATURAL & MEDICAL SCIENCES, Tokat, Turkey, 13 - 15 March 2020, pp.108-109

**II. Determination Of Attention Status In ALS Patients With Evoked Potentials**

Latifoğlu F., Orhanbulucu F.

MAS 11th INTERNATIONAL EUROPEAN CONFERENCE ON MATHEMATICS, ENGINEERING, NATURAL & MEDICAL SCIENCES, Tokat, Turkey, 13 - 15 March 2020, pp.148-154

## Supported Projects

ZENGİN R., ORHAN BULUCU F., Project Supported by Higher Education Institutions, İşitme ve Görme Engelliler için Eldiven Tasarımı, 2020 - 2022

## Scientific Refereeing

BMC MEDICAL INFORMATICS AND DECISION MAKING, SCI Journal, November 2024

Discover Applied Sciences, Journal Indexed in ESCI, September 2024

SCIENTIFIC REPORTS, SCI Journal, September 2024

Discover Computing, SCI Journal, August 2024

Digital Health, SCI Journal, May 2024

SAKARYA UNIVERSITY JOURNAL OF SCIENCE, National Scientific Refreed Journal, December 2023

Digital Health, SCI Journal, December 2023

## Metrics

Publication: 9

## Congress and Symposium Activities

2024 Innovations in Intelligent Systems and Applications Conference (ASYU), Attendee, Ankara, Turkey, 2024

4th International Symposium on Multidisciplinary Studies and Innovative Technologies, Audience, Ankara, Turkey, 2020

11th MAS INTERNATIONAL EUROPEAN CONFERENCE ON MATHEMATICS, ENGINEERING, NATURAL&MEDICAL SCIENCES, Attendee, Tokat, Turkey, 2020

International Conference On Access To Recent Advances In Engineering And Digitalization, Attendee, Kayseri, Turkey, 2020

### **Non Academic Experience**

Public Hospital, Ankara Glhane Eđitim ve Arařtırma Hastanesi, Biyomedikal ve Klinik Mhendisliđi