

Res. Asst. MUSA ASLAN

Personal Information

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International Researcher IDs

ScholarID: 6YLWIkAAAAJ

ORCID: 0000-0003-1659-5048

Publons / Web Of Science ResearcherID: HTR-2535-2023

Yoksis Researcher ID: 351513

Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, -, Turkey 2024 - Continues

Postgraduate, Firat University, Faculty Of Technology, Department Of Software Engineering, Turkey 2020 - 2023

Undergraduate, Firat University, Faculty Of Technology, Department Of Software Engineering, Turkey 2011 - 2016

Foreign Languages

English, B1 Intermediate

Dissertations

Postgraduate, Derin öğrenme algoritmaları kullanılarak EEG sinyallerinden yalan tespiti, Firat University, Institute of Science, Software Engineering, 2023

Research Areas

Computer Sciences, Artificial Intelligence, Computer Learning and Pattern Recognition, Computer Learning, Human Computer Interaction, Pattern Recognition and Image Processing, Software, Software Engineering, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Of Teknoloji Fakültesi, Yazılım Mühendisliği, 2021 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- LieWaves: dataset for lie detection based on EEG signals and wavelets**
Aslan M., Baykara M., Alakus T. B.

Medical and Biological Engineering and Computing, vol.62, no.5, pp.1571-1588, 2024 (SCI-Expanded)

II. Analysis of brain areas in emotion recognition from EEG signals with deep learning methods

Aslan M., Baykara M., Alakuş T. B.

MULTIMEDIA TOOLS AND APPLICATIONS, vol.83, pp.32423-32452, 2024 (SCI-Expanded)

III. LSTMNCP: lie detection from EEG signals with novel hybrid deep learning method

Aslan M., Baykara M., Alakuş T. B.

MULTIMEDIA TOOLS AND APPLICATIONS, vol.83, pp.31655-31671, 2024 (SCI-Expanded)

Supported Projects

Aslan M., Baykara M., Project Supported by Higher Education Institutions, Analysis of Brain Regions with Deep Learning Methods in Emotion Prediction Studies, 2023 - 2024

Aslan M., Baykara M., Project Supported by Higher Education Institutions, Lie Detection from EEG Signals Using Deep Learning Algorithms, 2022 - 2023

Scientific Refereeing

BIOMEDICAL SIGNAL PROCESSING AND CONTROL, National Scientific Refreed Journal, July 2023

Metrics

Publication: 3

Citation (WoS): 2

Citation (Scopus): 3

H-Index (WoS): 1

H-Index (Scopus): 1

Awards

Firat University Most Successful Master's Thesis Award in the Field of Science and Engineering Sciences in 2024, Firat Üniversitesi, July 2024