

Asst. Prof. SERHAT HIZLISOY

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: G-7014-2018

ScopusID: 57194332412

Yoksis Researcher ID: 200375

Research Areas

Computer Sciences

Academic Titles / Tasks

Assistant Professor, Kayseri University, Mühendislik, Mimarlık ve Tasarım Fakültesi, Bilgisayar Mühendisliği Bölümü,
2021 - Continues

Academic and Administrative Experience

Head of Department, Kayseri University, Mühendislik, Mimarlık ve Tasarım Fakültesi, Bilgisayar Mühendisliği Bölümü,
2021 - Continues

Courses

LOJİK DEVRELER VE TASARIMI, Undergraduate, 2023 - 2024, 2022 - 2023

MESLEKİ İNGİLİZCE I, Undergraduate, 2023 - 2024

İLERİ SAYISAL YÖNTEMLERİ, Postgraduate, 2023 - 2024

Bilgisayar Mühendisliğinde Güncel Konular, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

BİÇİMSEL DİLLER VE OTOMATA TEORİSİ, Undergraduate, 2023 - 2024

LOJİK DEVRELER LAB., Undergraduate, 2023 - 2024, 2022 - 2023

İLETİŞİM VE SUNUM TEKNİKLERİ, Undergraduate, 2023 - 2024, 2022 - 2023

Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Mesleki İngilizce II, Undergraduate, 2023 - 2024

Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Yazılım Mühendisliği, Undergraduate, 2023 - 2024

TEMEL BİLGİ TEKNOLOJİLERİ - I, Undergraduate, 2022 - 2023, 2021 - 2022

Temel Bilgi Teknolojileri - II, Undergraduate, 2021 - 2022

Advising Theses

Hızlısoy S., YENİ TÜRKÇE DUYGUSAL VERİ SETİ ÜZERİNDE KONUŞMADAN DUYGU TANIMA, Postgraduate,
E.ÇOLAKOĞLU(Student), 2023

Jury Memberships

Post Graduate, Post Graduate, Erciyes Üniversitesi, February, 2024

Post Graduate, Post Graduate, Kayseri Üniversitesi, August, 2023

Post Graduate, Post Graduate, Erciyes Üniversitesi, August, 2023

Doctorate, Doctorate, Çukurova Üniversitesi, May, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Singer identification model using data augmentation and enhanced feature conversion with hybrid feature vector and machine learning**
Hızlısoy S., Arslan R. S., Çolakoğlu E.
EURASIP JOURNAL ON AUDIO SPEECH AND MUSIC PROCESSING, vol.2024, no.1, 2024 (SCI-Expanded)
- II. **The ARIMA model approach for the biofilm-forming capacity prediction of *Listeria monocytogenes* recovered from carcasses.**
Dishan A., Barel M., Hizlisoy S., Arslan R. S., Hizlisoy H., Gundog D. A., Al S., Gonulalan Z.
BMC veterinary research, vol.20, no.1, pp.123, 2024 (SCI-Expanded)
- III. **Campylobacter jejuni and Campylobacter coli in human stool samples: antibiotic resistance profiles, putative virulence determinants and molecular characterization of the isolates**
HIZLISOY H., SAĞIROĞLU P., BAREL M., Dishan A., Gungor C., Koskeroglu K., HIZLISOY S., ATALAY M. A.
World Journal of Microbiology and Biotechnology, vol.39, no.12, 2023 (SCI-Expanded)
- IV. **Music emotion recognition using convolutional long short term memory deep neural networks**
HIZLISOY S., Yildirim S., TÜFEKÇİ Z.
Engineering Science and Technology, an International Journal, vol.24, pp.760-767, 2021 (SCI-Expanded)
- V. **Putative virulence genes and antibiotic resistance profiles of *Campylobacter jejuni* isolated from cats**
HIZLISOY H., Bekdik I. K., ASLAN Ö., GÜMÜŞSOY K. S., HIZLISOY S.
VETERINARSKI ARHIV, vol.90, no.2, pp.129-141, 2020 (SCI-Expanded)

Articles Published in Other Journals

- I. **Multi-lingual Speech Emotion Recognition System Using Machine Learning**
Çolakoğlu E., Hızlısoy S., Arslan R. S.
Selcuk University Journal of Engineering Sciences, vol.23, no.1, pp.1-11, 2024 (Peer-Reviewed Journal)
- II. **Music Genre Recognition Based on Hybrid Feature Vector with Machine Learning Methods**
HIZLISOY S., ARSLAN R. S., ÇOLAKOĞLU E.
Çukurova Üniversitesi Mühendislik Fakültesi dergisi, vol.38, no.3, pp.739-750, 2023 (Peer-Reviewed Journal)
- III. **Speech-to-Gender Recognition Based on Machine Learning Algorithms**
Hızlısoy S., Çolakoğlu E., Arslan R. S.
International Journal of Applied Mathematics, Electronics and Computers, vol.10, no.4, pp.84-92, 2022 (Peer-Reviewed Journal)
- IV. **Performance of Machine Learning Methods in Location-Based Prediction**
Özmerdivenli N. M., Taşyürek M., Hızlısoy S., Daşbaşı B.
Çukurova Üniversitesi Mühendislik Fakültesi dergisi, vol.37, no.3, pp.793-802, 2022 (Peer-Reviewed Journal)

- V. **A Detailed Survey on Speech Emotion Recognition: Features and Classification Methods**
ÇOLAKOĞLU E., HIZLISOY S., ARSLAN R. S.
Avrupa Bilim ve Teknoloji Dergisi, vol.32, pp.471-483, 2021 (Peer-Reviewed Journal)
- VI. **Text independent speaker recognition based on MFCC and machine learning**
Hızlısoy S., Arslan R. S.
SELCUK UNIVERSITY JOURNAL OF ENGINEERING SCIENCES, vol.20, no.3, pp.73-78, 2021 (Peer-Reviewed Journal)
- VII. **Classification Of Music Genres From Turkish Music With Deep Learning**
HIZLISOY S., TÜFEKÇİ Z.
Avrupa Bilim ve Teknoloji Dergisi, vol.24, pp.176-183, 2021 (Peer-Reviewed Journal)
- VIII. **Emotion Recognition From Turkish Music**
HIZLISOY S., TÜFEKÇİ Z.
Avrupa Bilim ve Teknoloji Dergisi, vol.0, no.2020, pp.6-12, 2020 (Peer-Reviewed Journal)
- IX. **Emotion Recognition From Different Types of Music From Different Cultures**
HIZLISOY S., TÜFEKÇİ Z.
Çukurova Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, vol.35, no.3, pp.687-698, 2020 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **T-SER: AN EFFICIENT SPEECH EMOTIONAL RECOGNITION MODEL FOR TURKISH LANGUAGE BASED ON MACHINE LEARNING ALGORITHMS**
Çolakoğlu E., Hızlısoy S., Arslan R. S.
in: INNOVATIONS AND TECHNOLOGIES IN ENGINEERING, PROF. DR. SAKIR TASDEMİR ASSOC. PROF. DR. ILKER ALI OZKAN, Editor, Eğitim Yayınevi, İstanbul, pp.106-127, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. **Noise Robust Speech Recognition Using Parallel Model Compensation and Voice Activity Detection Methods**
HIZLISOY S., TÜFEKÇİ Z.
5th International Conference on Electronic Devices, Systems and Applications (ICEDSA), Ras al Khaimah, United Arab Emirates, 6 - 08 December 2016

Supported Projects

Hızlısoy S., Arslan R. S., Project Supported by Higher Education Institutions, Makine Öğrenme Yöntemleri Kullanılarak Konuşulan Dilin Tanımlanması, 2023 - 2025
Hızlısoy H., Hızlısoy S., Project Supported by Higher Education Institutions, 2021 - 2023

Metrics

Publication: 16
Citation (WoS): 51
Citation (Scopus): 82
H-Index (WoS): 1
H-Index (Scopus): 1