

Asst. Prof. ABDULKADİR GÜLŞEN

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: MTE-3783-2025

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Education Information

Doctorate, Abdullah Gul University, Graduate School of Engineering and Science, Electrical and Computer Engineering, Turkey 2020 - 2024

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği, Turkey 2018 - 2020

Undergraduate Double Major, Erciyes University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2015 - 2018

Undergraduate, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği, Turkey 2013 - 2018

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Detection and classification of flaws from ultrasonic tomography images of composite materials based on deep learning, Abdullah Gul University, Graduate School of Engineering and Science, Electrical and Computer Engineering, 2024

Postgraduate, Flaw Detection in Composite Materials Using Ultrasonic Tomography, Erciyes University, Fen Bilimleri Enstitüsü, Electrical-Elektronics Engineering, 2020

Research Areas

Artificial Intelligence, Computer Learning and Pattern Recognition, Nondestructive Testing, Composites

Academic Titles / Tasks

Assistant Professor, Kayseri University, -----, Artificial Intelligence and Machine Learning, 2025 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Machine Learning Models With Hyperparameter Optimization for Voice Pathology Classification on Saarbrücken Voice Database**
Gulsen P., Gulsen A., ALÇI M.
Journal of Voice, 2025 (SCI-Expanded)
- II. **Defect classification of composite materials using transfer learning methods**
Gulsen A., Kolukisa B., ÖZDEMİR A. T., Bakir-Gungor B., Gungor V. C.
NONDESTRUCTIVE TESTING AND EVALUATION, 2024 (SCI-Expanded)
- III. **Ensemble Feature Selection for Clustering Damage Modes in Carbon Fiber-Reinforced Polymer Sandwich Composites Using Acoustic Emission**
Gulsen A., Kolukisa B., ÇALIŞKAN U., Bakir-Gungor B., Gungor V. C.
ADVANCED ENGINEERING MATERIALS, vol.26, no.22, 2024 (SCI-Expanded)

Papers Published in Refereed Scientific Meetings

- I. **A Federated Learning Framework for Classifying the Images in Ultrasonic Nondestructive Testing**
GÜLŞEN A., HACILAR H., KOLUKISA B., GÜNGÖR B.
9th International Conference on Computer Science and Engineering, UBMK 2024, Antalya, Turkey, 26 - 28 October 2024, pp.360-364
- II. **A Comparative Analysis on Medical Article Classification Using Text Mining & Machine Learning Algorithms**
KOLUKISA B., DEDETÜRK B. K., Dedetürk B. A., Gulsen A., BAKAL M. G.
2021 6th International Conference on Computer Science and Engineering (UBMK), Ankara, Turkey, 15 - 17 September 2021, pp.360-365

Metrics

Publication: 5

Citation (Scopus): 8

H-Index (Scopus): 1