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Education Information

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Turkey 2022 - Continues
Undergraduate, Yildiz Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering,
Turkey 2016 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Development of Artificial Intelligent-Based Methodology to Prepare Input for Estimating Vehicle Emissions**
YAVUZ E., Öztürk A., BALKANLI N. G. N., ENGİN Ş. N., Kuzu S. L.
Applied Sciences (Switzerland), vol.14, no.23, 2024 (SCI-Expanded)

Papers Published in Refereed Scientific Meetings

- I. Comparative Analysis of Tier Approaches for Vehicle Emission Estimation**
Balkanlı N. G. N., Yavuz E., Saral A., Kuzu S. L.
3rd International Graduate Research Symposium (IGRS'24), İstanbul, Turkey, 8 - 10 May 2024, pp.229-230
- II. Application and Comparison of Three Different Machine Learning Models in Predicting the Temperature**
Balkanlı N. G. N., Yavuz E., Kuzu S. L.
ESA – ECMWF WORKSHOP ON MACHINE LEARNING FOR EARTH OBSERVATION AND PREDICTION, Rome, Italy, 7 - 10 May 2024
- III. Path Tracking Analytics Approach on Streaming Using Deep Learning and Image Processing**
Öztürk A., Yavuz E., Balkanlı N. G. N., Engin Ş. N., Kuzu S. L.
24.Otomatik Kontrol Ulusal Konferansı (TOK 2023), İstanbul, Turkey, 14 - 16 September 2023, pp.289-293

Supported Projects

Kuzu S. L., Engin Ş. N., TUBITAK Project, Taşıt kaynaklı emisyonların modellenmesinde derin öğrenme ve hesaplamalı akışkanlar dinamiği yöntemleri kullanarak yüksek çözünürlüklü hava kirliliği modellemesinin geliştirilmesi, 2023 - 2025