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Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Elektronik (Dr), Turkey 2022 - Continues

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Haberleşme (YI) (Tezli), Turkey 2019 - 2022

Undergraduate, Istanbul University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2011 - 2016

Academic Titles / Tasks

Research Assistant, Istanbul Kultur University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, 2021 - Continues

Articles Published in Other Journals

I. **UAV-Assisted NOMA-Based Network with Alamouti Space-Time Block Coding**

Yılmaz T., Ayranci A. A., Bacanlı E., İlhan H.

JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.25, no.3, pp.967-973, 2022 (ESCI)

II. **Speaker Accent Recognition Using MFCC Feature Extraction and Machine Learning Algorithms**

Ayranci A. A., ATAY S., YILDIRIM T.

International journal of advances in engineering and pure sciences (Online), vol.33, no.0, pp.17-27, 2021 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **Edge Computing and Robotic Applications in Modern Agriculture**

AYRANCI A. A., ERKMEN B.

6th International Congress on Human-Computer Interaction, Optimization and Robotic Applications, HORA 2024, İstanbul, Turkey, 23 - 25 May 2024

II. **Investigation of UAV-Based Communication Networks for Next Generation Communication Systems**

AYRANCI A. A., İLHAN H.

2nd International Congress of Engineering and Natural Sciences (ICENSS 2022), Ankara, Turkey, 7 - 09 May 2022

III. **Decentral Smart Grid Control System Stability Analysis Using Machine Learning**

AYRANCI A. A., İLHAN H.

2nd International Conference on Computing and Machine Intelligence, ICMI 2022, İstanbul, Turkey, 15 - 16 July 2022

IV. Capacity Loss Analysis Using Machine Learning Regression Algorithms

Atay S., AYRANCI A. A., ERKMEN B.

9th International Conference on Electrical and Electronics Engineering (ICEEE), Alanya, Turkey, 29 - 31 March 2022, pp.10-13

V. Performance of Downlink NOMA Network Using Space-Time Line Coding Technique

YILMAZ T., AYRANCI A. A., İLHAN H.

2021 29th Signal Processing and Communications Applications Conference (SIU), İstanbul, Turkey, 09 June 2021

VI. Speaker Accent Recognition Using Machine Learning Algorithms

AYRANCI A. A., Atay S., YILDIRIM T.

Akıllı Sistemlerde Yenilikler ve Uygulamaları Konferansı (ASYU 2020), İstanbul, Turkey, 15 - 17 October 2020

VII. Performance Analysis of NOMA in Drone Communication

AYRANCI A. A., BACANLI E., İLHAN H.

2019 11th International Conference on Electrical and Electronics Engineering, Bursa, Turkey, 28 November 2019

Metrics

Publication: 9

Citation (Scopus): 5

H-Index (Scopus): 1