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Education Information

Doctorate, Istanbul Technical University, Lisansüstü Eğitim Enstitüsü, Turkey 2019 - Continues

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Turkey 2016 - 2019

Undergraduate, Istanbul Technical University, Elektrik-Elektronik Fakültesi, Elektronik Ve Haberleşme Mühendisliği, Turkey 2011 - 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Data-Oriented Downlink RSMA Systems**
Can M., Ilter M. C., Altunbaş İ.
IEEE Communications Letters, vol.27, no.10, pp.2812-2816, 2023 (SCI-Expanded)
- II. **Outage Probability Analysis of Rate Splitting Multiple Access-Based Hybrid Satellite-Terrestrial Relay Network with Relay Selection**
Can M., Altunbaş İ.
IEEE Transactions on Aerospace and Electronic Systems, vol.59, no.5, pp.6508-6517, 2023 (SCI-Expanded)
- III. **Comparative Performance Evaluation of LDPC Coded OFDM-IM Under Jamming Attack**
Kaplan A., Can M., Altunbaş İ., Kurt G. K., Kucukyavuz D.
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- IV. **MBM-Aided Uplink Cooperative NOMA With Hardware Impairments and Imperfect CSI**
Can M., Altunbaş İ., Basar E.
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- V. **NOMA-based downlink relaying with media -based modulation**
Can M., Altunbaş İ., Basar E.
PHYSICAL COMMUNICATION, vol.41, 2020 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Rate splitting multiple access-based uplink satellite networks with receive antenna selection**
CAN M., ALTUNBAŞ İ.
IEEE Int. Black Sea Conf. on Commun.and Networking, IEEE BlackSeaCom 2023, İstanbul, Turkey, 4 - 07 July 2023
- II. **Outage Probability Analysis of Dual-Hop Multi-HAPS THz Satellite Communication Systems İki Atlamalı Çok HAPS'li THz Uydu Haberleşme Sistemlerinin Kesinti Olasılığı Analizi**
Ahrazoğlu E. S., Can M., Erdoğan E., Altunbaş İ.
31st IEEE Conference on Signal Processing and Communications Applications, SIU 2023, İstanbul, Turkey, 5 - 08

July 2023

- III. **Physical layer security improvement of NOMA-based UAV-aided terrestrial networks via cooperative user selection (In Turkish)**
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- IV. **Distributed spatial modulation for unmanned aerial vehicle-base station to ground cooperative communication**
BÜYÜKŞAR A. B., CAN M., ALTUNBAŞ İ.
29th Telecommunications Forum TELFOR 2021, Belgrade, Serbia, 23 - 24 December 2021
- V. **Error Performance Analysis of Distributed Spatial Modulation System with UAV Relays**
BÜYÜKŞAR A. B., CAN M., ALTUNBAŞ İ.
IEEE International Conference on Telecommunications and Photonics (ICTP), Dhaka, Bangladesh, 22 - 24 December 2021
- VI. **NOMA-Based Two-Way MBM**
CAN M., ALTUNBAŞ İ.
2021 29th Signal Processing and Communications Applications Conference (SIU), Turkey, 09 June 2021
- VII. **LDPC Coded OFDM-IM Performance Evaluation Under Jamming Attack**
KAPLAN A., CAN M., ALTUNBAŞ İ., KARABULUT KURT G. Z., KÜÇÜKYAVUZ D.
2020 International Conference on Information and Communication Technology Convergence (ICTC), Jeju Island, 21 - 23 October 2020
- VIII. **Media-Based Modulation Assisted Non-Orthogonal Multiple Access**
CAN M., ALTUNBAŞ İ., BAŞAR E.
2019 27th Signal Processing and Communications Applications Conference (SIU), Sivas, Turkey, Turkey, 24 - 26 April 2019

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