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Education Information

Doctorate, Ankara Yildirim Beyazit University, Fen Bilimleri Enstitüsü, -, Turkey 2018 - Continues

Postgraduate, Ankara Yildirim Beyazit University, Fen Bilimleri Enstitüsü, -, Turkey 2015 - 2018

Undergraduate, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Elektrik Elektronik Mühendisliği Bölümü, Turkey 2010 - 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The Constellation Modification in Frequency Multiplication on MPSK Data Transmission**
ERSOY Ö., KARAKOÇ M. C., ŞAHİN A. B.
Advances in Electrical and Computer Engineering, vol.23, no.4, pp.51-60, 2023 (SCI-Expanded)
- II. **A Novel Constellation Modification Method for Harmonic Modulated MPSK Data Transmission in Millimeter Wave Communication**
ERSOY Ö., KARAKOÇ M. C., ŞAHİN A. B.
IEEE Access, vol.11, pp.55281-55296, 2023 (SCI-Expanded)
- III. **Improving physical layer security in Alamouti OFDM systems with subcarrier coordinate interleaving**
REŞAT M. A., KARAKOÇ M. C., ÖZYURT S.
IET COMMUNICATIONS, vol.14, no.16, pp.2687-2693, 2020 (SCI-Expanded)

Articles Published in Other Journals

- I. **Development of 15-dB gain conical horn antenna using 3D printing technology**
KARAKOÇ M. C., ŞAHİN A. B.
Electrica, vol.20, no.2, pp.177-181, 2020 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Modified QPSK Modulation for Frequency Multiplied Transmission Frekans Carpimh Iletim icin Degistirilmis QPSK Modulasyonu**
ERSOY Ö., KARAKOÇ M. C., ŞAHİN A. B.
31st IEEE Conference on Signal Processing and Communications Applications, SIU 2023, İstanbul, Turkey, 5 - 08 July 2023
- II. **Investigation of faster than nyquist transmission for terahertz communication using harmonic receiver Harmonik alıcı kullanılarak nyquist'ten daha hızlı iletimin terahertz haberleşmesi için**

incelenmesi

ERSOY Ö., KARAKOÇ M. C., ŞAHİN A. B.

29th IEEE Conference on Signal Processing and Communications Applications, SIU 2021, Virtual, Istanbul, Turkey, 9 - 11 June 2021

III. Enhancement of Physical Layer Security in Alamouti OFDM Systems over Nakagami-m Fading Channels

Reşat M. A., Karakoç M. C., Özyurt S.

IEEE Signal Processing and Communications Applications (SIU), 05 October 2020, pp.1-4

IV. Effect of Amplification on Microwave Based Quantum Radar Systems

KARAKOÇ M. C., ERSOY Ö., ŞAHİN A. B.

13th International Conference on Electrical and Electronics Engineering, ELECO 2021, Virtual, Bursa, Turkey, 25 - 27 November 2021, pp.243-247

V. Alamouti DFBÇ Sistemlerinde Fiziksel Katman Güvenliğinin Nakagami-m Sönümlenmeli Kanallar üzerinde İyileştirilmesi

REŞAT M. A., KARAKOÇ M. C., ÖZYURT S.

28. IEEE SİNYAL İŞLEME ve İLETİŞİM UYGULAMALARI KURULTAYI, Turkey, 5 - 07 October 2020

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Publication: 9

Citation (Scopus): 4

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