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Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Elektrik - Elektronik Mühendisliği, Turkey 2017 - Continues

Postgraduate, Ondokuz Mayıs University, Institute Of Science, Elektrik - Elektronik Mühendisliği, Turkey 2014 - 2017

Undergraduate, Uludağ Üniversitesi, Mühendislik Fakültesi, Elektronik Mühendisliği, Turkey 2007 - 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Optimization of Spectral and Energy Efficiencies Trade-Off Using Multi-objective Forest Optimization Algorithm in Massive MIMO Systems**
GÜL B. K., TAŞPINAR N.
Wireless Personal Communications, 2024 (SCI-Expanded)
- II. **Pilot Tones Design for Channel Estimation Using Elephant Herding Optimization Algorithm in Massive MIMO Systems**
TAŞPINAR N., Ergec A., Gul B. K.
WIRELESS PERSONAL COMMUNICATIONS, vol.133, no.3, pp.1917-1934, 2023 (SCI-Expanded)
- III. **Spectral and energy efficiency trade-off in massive MIMO systems using multi-objective bat algorithm**
GÜL B. K., TAŞPINAR N.
JOURNAL OF ELECTRICAL ENGINEERING-ELEKTROTECHNICKY CASOPIS, vol.73, no.2, pp.132-139, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **Measurement and Evaluation of Electromagnetic Pollution in Ondokuz Mayıs University Kurupelit Campus in Samsun**
GÜL B. K., KURNAZ Ç., KORUNUR ENGİZ B.
International Journal of Advances in Electronics Engineering, vol.6, no.1, 2016 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Application of Multi-objective Artificial Bee Colony Algorithm to Spectral and Energy Efficiencies Trade-off in Massive MIMO Systems**
Gül B. K., Taşpınar N.

14 th INTERNATIONAL CONFERENCE on ELECTRONICS, COMPUTERS and ARTIFICIAL INTELLIGENCE (ECAI 2022), Ploiesti, Romania, 30 June - 01 July 2022, pp.390-395

II. Usage of Intelligent Optimization Techniques for Estimation of Pareto Optimal Front of Spectral Efficiency-Energy Efficiency Trade-off in Massive MIMO Systems

Gül B. K., Taşpınar N.

The Palestinian International Conference on Information and Communication Technology (PICICT 2021) , 28 - 29 September 2021

III. INVESTIGATION OF EFFECT OF THE PILOT REUSE FACTOR VIA INTELLIGENT OPTIMIZATIONS ON ENERGY AND SPECTRAL EFFICIENCIES TRADE-OFF IN MASSIVE MIMO SYSTEMS

Gül B. K., Taşpınar N.

15th International Conference ETAI 2021, Skopje, Macedonia, 23 - 24 September 2021

IV. İris Analizi ile Kandaki Yüksek Kolesterolün Belirlenmesi

GÜL B. K., KURNAZ Ç.

20. Biyomedikal Mühendisliği Ulusal Toplantısı (BİYOMUT 2016), İzmir, Turkey, 3 - 05 November 2016

V. İris Tanıma Sistem Başarımına Kodlama ve Gürültünün Etkisi

GÜL B. K., KURNAZ Ç.

24. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SİU2016), Zonguldak, Turkey, 16 - 19 May 2016

VI. Measurement and Evaluation of Electromagnetic Pollution in Ondokuz Mayıs University Kurupelit Campus in Samsun Turkey

GÜL B. K., KURNAZ Ç., KORUNUR ENGİZ B.

The Third International Conference on Advances in Information Processing and Communication Technology, Rome, Italy, Roma, Italy, 10 - 11 December 2015, vol.6, pp.117-121

VII. Samsun İlkadım İlçesindeki Elektromanyetik Kirliliğin Ölçülmesi ve Değerlendirilmesi

GÜL B. K., KURNAZ Ç.

Elektromanyetik Alanlar ve Etkileri (EMANET 2015) Sempozyumu, Mersin, Turkey, 13 - 15 November 2015

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