

## 2020 PUBLICATIONS

### ARTICLE

#### Articles Published in Journals (Indexed in SCI, SCI-Expanded, SSCI and AHCI)

1. **Üstün, D.**, Balci, S., & Sabanci, K. (2020). A parametric simulation of the wireless power transfer with inductive coupling for electric vehicles and modelling with artificial bee colony algorithm. *Measurement*, 150, 107082–0.
2. Toktaş, A., **Üstün, D.**, & Erdogan, N. (2020). Pioneer Pareto artificial bee colony algorithm for three-dimensional objective space optimization of composite-based layered radar absorber. *Applied Soft Computing*, 96, 1–12.
3. Toktas, A., & **Üstün, D.** (2020). A triple-objective optimization scheme using butterfly- integrated ABC algorithm for design of multilayer RAM. *IEEE Transactions on Antennas and Propagation*, 68(7), 5602-5612.
4. **Üstün, D.** (2020). An enhanced adaptive butterfly optimization algorithm rigorously verified on engineering problems and implemented to ISAR image motion compensation. *Engineering Computations*.
5. **Üstün, D.**, Carbas, S., & Toktas, A. (2020). A symbiotic organisms search algorithm-based design optimization of constrained multi-objective engineering design problems. *Engineering Computations*.
6. Toktas, A., **Üstün, D.**, & Tekbas, M. (2020). Global optimisation scheme based on triple- objective ABC algorithm for designing fully optimised multi-layer radar absorbing material. *IET Microwaves, Antennas & Propagation*, 14(8), 800-811.
7. **Üstün, D.**, & Toktas, A. (2020). Translational motion compensation for ISAR images through a multicriteria decision using surrogate-based optimization. *IEEE Transactions on Geoscience and Remote Sensing*, 58(6), 4365-4374.

#### Articles Published in Journals (Indexed in ULAKBIM TR Index or Other National Refereed Journals)

1. Şarlak, N., & **Üstün, D.** (2020). Sediment Anahtar Eğrisi Türetilmesi Uygulama Gömelönü İstasyonu. *Harran Üniversitesi Mühendislik Dergisi*, 5(1), 9–20.
2. Şarlak, N., & **Üstün, D.** (2020). Sediment Anahtar Eğrisi Türetilmesi Uygulama Gömelönü İstasyonu. *Harran Üniversitesi Mühendislik Dergisi*, 5(1), 10–20.

## PROCEEDINGS

**Full-Text Research Papers Presented Orally at an National / International Scientific Event Regularly Held (Conference, Symposium or Congress) and Published in an Proceedings Book**

1. Keser, M. H., & **Ersöz Kaya, İ.** (2020). Bakliyat Üretim Sektöründe İş Sağlığı ve Güvenliği Risk Değerlendirmesi ve Farklı Risk Analizi Yöntemlerinin Karşılaştırılması. Presented at the 4. International Mediterranean Symposium.
2. Kiliç, A., & **Ersöz Kaya, İ.** (2020). Tekstil Ürün İmalatı Süreçlerindeki İş Kazalarının İstatistiksel Olarak Değerlendirilmesi. Presented at the 4. International Mediterranean Symposium .
3. **Üstün, D.**, & Toktaş, A. (2020). Adaptive Flower Pollination Algorithm Based on Spatial Dispersal. Presented at the 4th International Symposium on Multidisciplinary Studies and Innovative Technologies, İstanbul.
4. Toktaş, A., & **Üstün, D.** (2020). Dual-Objective Design of Multilayer Radar Absorbing Composite Material Using Butterfly Optimization. Presented at the 2020 IEEE XXVth International Seminar/Workshop Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory (DIPED), Tiflis.
5. Toktaş, A., & **Üstün, D.** (2020). Dual-element MIMO Inverted-F Antenna for Mobile Devices. Presented at the 2020 IEEE XXVth International Seminar/Workshop Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory (DIPED), Tiflis.