

Res. Asst. UYGAR DEMİR

Personal Information

Email: uygardemir@hacettepe.edu.tr

Web: <https://avesis.hacettepe.edu.tr/uygardemir>

International Researcher IDs

ORCID: 0000-0003-0503-4392

Yoksis Researcher ID: 195834

Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Elektrik Ve Elektronik Mühendisliği, Turkey 2014 - Continues

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Elektrik Ve Elektronik Mühendisliği, Turkey 2011 - 2014

Undergraduate, Hacettepe University, Mühendislik Fakültesi, Elektrik Ve Elektronik Mühendisliği , Turkey 2006 - 2011

Dissertations

Postgraduate, İki katmanlı ağlarda eniyi çıkış yolu güç kontrolü, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Yıl) (Tezli), 2014

Research Areas

Electrical and Electronics Engineering, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Hacettepe University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2013 - Continues

Refereed Congress / Symposium Publications in Proceedings

- I. **Multi-UAV Base Station Deployment Maximizing Coverage Density and Network Endurance Kapsama Yıgunluğu ve Ağ Sureklilikini Enbuyulten Çoklu IHA Baz İstasyonu Konuslandırılması**
DEMİR U., TOKER C., EKİCİ Ö.
28th Signal Processing and Communications Applications Conference, SIU 2020, Gaziantep, Turkey, 5 - 07 October 2020
- II. **Energy-Efficient Deployment of UAV in V2X Network Considering Latency and Backhaul Issues**
DEMİR U., TOKER C., EKİCİ Ö.
2020 IEEE International Black Sea Conference on Communications and Networking, BlackSeaCom 2020, Odessa, Ukraine, 26 - 29 May 2020
- III. **Energy-efficient rotary-wing UAV deployment under flight dynamics and QoS constraints**
DEMİR U., İPEK M. C., TOKER C., EKİCİ Ö.
7th IEEE International Black Sea Conference on Communications and Networking, BlackSeaCom 2019, Sochi,

Russia, 3 - 06 June 2019

- IV. **Interference aware optimal resource allocation on V2X networks** V2X ağlarında girişim duyarlı eniyi kaynak tahsisisi
Demir U., Yoksekkaya B., Toker C.
27th Signal Processing and Communications Applications Conference, SIU 2019, Sivas, Turkey, 24 - 26 April 2019
- V. **Interference Aware Optimal Resource Allocation on V2X Networks**
DEMİR U., YÜKSEKKAYA B., TOKER C.
27th Signal Processing and Communications Applications Conference (SIU), Sivas, Turkey, 24 - 26 April 2019
- VI. **Geniş Bant Yer Tabanlı bir VLF/LF Alıcı Sisteminin Analog Ön-uç Tasarımı**
DEMİR U., SARAÇOĞLU M. S., TOKER C.
IX. URSI-Türkiye 2018 Bilimsel Kongresi Ulusal Genel Kurul Toplantısı, Turkey, 6 - 08 September 2018
- VII. **Probability Distribution Extraction from TEC Estimates based on Kernel Density Estimation**
DEMİR U., Çenet D., TOKER C.
41st COSPAR Scientific Assembly, 30 July - 07 August 2016
- VIII. **Statistical Analysis of the Ionosphere based on Singular Value Decomposition**
DEMİR U., Deviren M. N., TOKER C., ARIKAN F.
41st COSPAR Scientific Assembly, 30 July - 07 August 2016
- IX. **SPACE WEATHER STUDIES OF IONOLAB GROUP**
ARIKAN F., SEZEN U., TOKER C., ARTUNER H., BULU G., DEMİR U., ERDEM E., Arıkan O., Tuna H., Karatay S., et al.
URSI Asia-Pacific Radio Science Conference (URSI AP-RASC), Seoul, South Korea, 21 - 25 August 2016, pp.1136-1139
- X. **Power Control for Two-Tier Uplink Under Feedback and Interference Constraints**
YÜKSEKKAYA B., DEMİR U., Inaltekin H., TOKER C.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.1545-1548
- XI. **Under Feedback and Interference Constraints Uplink Power Control in Two-Tier Networks**
Demir U., Toker C., Haliloglu O., Inaltekin H.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.1397-1400
- XII. **On Optimum Uplink Power Control at HetNets and Cognitive Radio**
DEMİR U., İNALTEKİN H., TOKER C.
IEEE ComSoc Summer School, 6 - 09 July 2015
- XIII. **Optimal Power Control in Two-Tier Networks at Low-SNR Regime**
DEMİR U., TOKER C., Inaltekin H.
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.1817-1820
- XIV. **Optimal Power Control in Two-Tier Networks with DC Programming**
DEMİR U., TOKER C., Inaltekin H.
22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.999-1002

Supported Projects

DEMİR U., Project Supported by Higher Education Institutions, Geribesleme ve Girişim Kısıtları Altında İki Katmanlı Ağlarda Çıkış Yolu Güç Kontrolü, 2016 - 2016

DEMİR U., Project Supported by Higher Education Institutions, İki Katmanlı Ağlarda Düşük SNR Bölgesinde Eniyi Güç Kontrolü, 2015 - 2016

Metrics

Publication: 14

Citation (WoS): 2

Citation (Scopus): 21

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H-Index (Scopus): 2