

## Res. Asst. UYGAR DEMİR

### Personal Information

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### Education Information

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

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

Undergraduate, Hacettepe Üniversitesi, 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 (YI) (Tezli), 2014

### Research Areas

Electrical and Electronics Engineering, Engineering and Technology

### Academic Titles / Tasks

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

### Refereed Congress / Symposium Publications in Proceedings

- I. **Energy-efficient rotary-wing UAV deployment under flight dynamics and QoS constraints**  
DEMİR U., Ipek M. C. , TOKER C., EKİCİ Ö.  
7th IEEE International Black Sea Conference on Communications and Networking, BlackSeaCom 2019, Sochi, Russia, 3 - 06 June 2019
- II. **Interference aware optimal resource allocation on V2X networks V2X ağlarında girişim duyarlı eniyi kaynak tahsisi**  
Demir U., Yoksekkaya B., Toker C.  
27th Signal Processing and Communications Applications Conference, SIU 2019, Sivas, Turkey, 24 - 26 April 2019
- III. **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
- IV. **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
- V. **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

- VI. **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
- VII. **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
- VIII. **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
- IX. **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
- X. **On Optimum Uplink Power Control at HetNets and Cognitive Radio**  
DEMİR U., İNALTEKİN H., TOKER C.  
IEEE ComSoc Summer School, 6 - 09 July 2015
- XI. **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
- XII. **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

## Citations

Total Citations (WOS):2

h-index (WOS):1