

## Asst. Prof. ARİF DOLMA

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: F-6129-2018

Yoksis Researcher ID: 203605

### Education Information

Doctorate, Kocaeli University, Fen Bilimleri Enstitüsü, Elektronik Ve Haberleşme Mühendisliği Anabilim Dalı, Turkey 1993 - 2003

Postgraduate, Yildiz Technical University, Faculty Of Electrical & Electronics, Elektronik Ve Haberleşme Mühendisliği Bölümü, Turkey 1987 - 1990

Undergraduate, Yildiz Technical University, Faculty Of Electrical & Electronics, Elektronik Ve Haberleşme Mühendisliği Bölümü, Turkey 1983 - 1987

### Academic Titles / Tasks

Assistant Professor, Kocaeli University, Mühendislik Fakültesi, Elektronik Ve Haberleşme Mühendisliği Bölümü, 2018 - Continues

Assistant Professor, Kocaeli University, Mühendislik Fakültesi, Elektronik Ve Haberleşme Mühendisliği Bölümü, 2012 - 2018

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Development of radiometer operating between 50 MHz and 26.5 GHz using gain-stabilized LNA**  
Celep M., Yaran S., Hayirli C., DOLMA A.  
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.24, no.3, pp.973-978, 2016 (SCI-Expanded)
- II. **Radiation from a coaxial waveguide formed by a semi-infinite cylindrical outer conductor and an infinite two-part impedance inner cylinder**  
Karayahsi K., TAYYAR İ. H., DOLMA A.  
JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS, vol.30, no.7, pp.898-914, 2016 (SCI-Expanded)
- III. **Characterization of a total power radiometer**  
Celep M., Yaran S., Gulmez Y., DOLMA A.  
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.20, no.6, pp.870-880, 2012 (SCI-Expanded)
- IV. **Experimental and theoretical study of 4-cyanobenzaldehyde isonicotinoyl-hydrazone monohydrate**  
GÜNER S., Atalay Y., DOLMA A.

## Articles Published in Other Journals

- I. **Buried Objects Segmentation and Detection in GPR B Scan Images**  
DOLMA A., Altın G.  
The Eurasia Proceedings of Science Technology Engineering and Mathematics, vol.6, pp.11-17, 2019 (Peer-Reviewed Journal)
- II. **Prototype Implementation of an RF ID Reader System**  
KİRAZ İ., TANGEL A., DOLMA A.  
Istanbul University Journal of Electrical&Electronics Engineering, vol.7, pp.287-292, 2007 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Analysis of the Effect of Loss and Dispersion on Light Pulse in Fiber Optic Networks Fiber Optik Ağlarda Kayıp ve Dispersiyonun Işık Palsi Üzerindeki Etkisinin Analizi**  
Yılmaz B., DOLMA A.  
30th Signal Processing and Communications Applications Conference, SIU 2022, Safranbolu, Turkey, 15 - 18 May 2022
- II. **Axially Displaced Ellipse Reflector Antenna for Microwave Links MIKRODALGA LINKLERİ İÇİN EKSENEL YER DEĞİŞTİRİŞ ELİPS YANSITICI ANTEN**  
As C., SALMAN A. O., DOLMA A.  
30th Signal Processing and Communications Applications Conference, SIU 2022, Safranbolu, Turkey, 15 - 18 May 2022
- III. **Optik Haberleşme Sistemlerindeki Gelişmeler.**  
DOLMA A.  
Elektrik- Elektronik Mühendisliği Kongresi EEMKON 2019, İstanbul, Turkey, 14 - 16 November 2019
- IV. **FİBER OPTİK AĞ SİSTEMLERİ VE ANALİZİ**  
DOLMA A., Nur CİNGÖZ A.  
HOCA AHMET YESEVİ ULUSLARARASI BİLİMSEL ARAŞTIRMALAR KONGRESİ, Adıyaman, Turkey, 26 - 27 August 2019, pp.968-979
- V. **RADYOLİNK BÜTÇELEME**  
Demirel C., DOLMA A.  
HOCA AHMET YESEVİ ULUSLARARASI BİLİMSEL ARAŞTIRMALAR KONGRESİ, Adıyaman, Turkey, 26 - 27 August 2019, pp.1006-1012
- VI. **Gömülü Nesnelerin Bölütlenmesi Ve Tespiti**  
Altın G., DOLMA A.  
27. IEEE Sinyal İşlem ve İletişim Uygulamaları Kurultayı SİU 2019, Sivas, Turkey, 24 - 26 April 2019
- VII. **Optical Filter Performance Analysis in Fiber Optic Network Systems**  
DOLMA A., CİRACI M.  
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- VIII. **Data Transmission Analysis of DWDM and SDH**  
DOLMA A., KIRAZ M.  
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- IX. **DWDM Sisteminin İncelenmesi ve Optik Sistemlerde Dispersiyon Etkisi**  
DOLMA A., KAYAÖZ O.  
SIU SİNYAL İŞLEME KURULTAYI, Turkey, 16 - 19 May 2016, vol.17, pp.20-26
- X. **Investigation Of DWDM System and Dispersion Effect In Optical Systems**  
DOLMA A., KAYAOZ O.

24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.1745-1748

- XI. **Connection Guidance and Wave Length Assignment of Optical Systems Using An Intelligent Control Plane**  
Karayahsi K., DOLMA A., Ates E., Catal N.  
IEEE 17th Signal Processing and Communications Applications Conference, Antalya, Turkey, 9 - 11 April 2009, pp.998-999
- XII. **Indoor Free-Space Optical Communication Systems Design with Simulation**  
DOLMA A., Koseoglu S., Ates E.  
IEEE 17th Signal Processing and Communications Applications Conference, Antalya, Turkey, 9 - 11 April 2009, pp.986-987
- XIII. **Akıllı Antenlerde Geriye Yayılım Algoritması İle Huzme Yönlendirme**  
Aydın S., Dolma A., Yılmaz S.  
IV.URSI-Türkiye Bilimsel Kongresi Ulusal Genel Kurul Toplantısı-2008, Antalya, Turkey, 20 - 22 October 2008, pp.313-316
- XIV. **GPS Tasarımı Uygulama Örnekleri ve Navigasyon**  
Dolma A., Yılmaz S., Acar T.  
Bilimde Modern Yöntemler Sempozyumu BMYS'2008, Eskişehir, Turkey, 15 - 17 October 2008, pp.809-813
- XV. **Indoor Free Space Optical Communication Network Design Via Virtual Base Stations**  
DOLMA A., Ates E.  
IEEE 16th Signal Processing and Communications Applications Conference, Aydın, Turkey, 20 - 22 April 2008, pp.811-812
- XVI. **Küresel Konum Belirleme Sistemi (GPS) ve Uygulaması**  
Savun A., Yılmaz S., Dolma A.  
EMO İTUSEM 2007 III. İletişim Teknolojileri Ulusal Sempozyumu, Adana, Turkey, 18 - 19 October 2007, pp.181-183

## Metrics

Publication: 25

Citation (WoS): 7

Citation (Scopus): 6

H-Index (WoS): 1

H-Index (Scopus): 1

## Non Academic Experience

KOCAELİ ÜNİVERSİTESİ

KOCAELİ ÜNİVERSİTESİ

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