

## Asst. Prof. ENVER ADAŞ

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: JDC-5081-2023

ScopusID: 42460908000

Yoksis Researcher ID: 372223

### Education Information

Doctorate, University of California, Irvine, United States Of America 2011 - 2016

Postgraduate, University of California, Irvine, United States Of America 2009 - 2011

Undergraduate, Yildiz Technical University, Faculty Of Electrical & Electronics, Electronics And Communication Engineering, Turkey 2002 - 2007

### Academic and Administrative Experience

Measurement and Evaluation Board Member, Bursa Uludağ University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, 2023 - Continues

### Courses

İş Sağlığı ve Güvenliği II, Undergraduate, 2023 - 2024

İş Sağlığı ve Güvenliği II, Undergraduate, 2023 - 2024

İş Sağlığı ve Güvenliği I, Undergraduate, 2023 - 2024

İş Sağlığı ve Güvenliği I, Undergraduate, 2023 - 2024

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

- I. **The Two-Port Transmission Method With Applications to Microstrip Phased Arrays**  
ADAŞ E., Alexopoulos N. G., De Flaviis F.  
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol.67, no.9, pp.5900-5907, 2019 (SCI-Expanded)
- II. **Realization of Scan Blindness Free Finite Microstrip Phased Arrays Based on Mode-Free Radiating Electromagnetic Bandgap Materials**  
Adas E., De Flaviis F., Alexopoulos N. G.  
IEEE Transactions on Antennas and Propagation, vol.66, no.7, pp.3375-3382, 2018 (SCI-Expanded)
- III. **Mode-free electromagnetic bandgap materials with broadside radiation as phased array antenna elements**  
ADAŞ E., De Flaviis F., Alexopoulos N. G.  
JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS, vol.31, no.4, pp.433-446, 2017 (SCI-Expanded)

**IV. Integrated Microstrip Antennas and Phased Arrays with Mode-Free Electromagnetic Bandgap Materials for Scan Blindness Elimination**

ADAŞ E., De Flaviis F., Alexopoulos N. G.

ELECTROMAGNETICS, vol.37, no.1, pp.1-16, 2017 (SCI-Expanded)

**V. Stability analysis of pulsed cascaded Raman lasers in dispersion-managed systems**

Kalyoncu S. K., Gao S., Tien E., Huang Y., Yildirim D., ADAŞ E., Wabnitz S., Boyraz O.

JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS, vol.28, no.11, pp.2812-2819, 2011 (SCI-Expanded)

**VI. Electrical signal-to-noise ratio improvement in indirect detection of mid-IR signals by wavelength conversion in silicon-on-sapphire waveguides**

Huang Y., Tien E. K., Gao S., Kalyoncu S. K., Song Q., Qian F., ADAŞ E., Yildirim D., Boyraz O.

APPLIED PHYSICS LETTERS, vol.99, no.18, 2011 (SCI-Expanded)

## **Refereed Congress / Symposium Publications in Proceedings**

**I. Mode-Free Radiating Electromagnetic Bandgap Materials as Phased Array Antenna Elements**

ADAŞ E., De Flaviis F., Alexopoulos N. G.

International Symposium of IEEE-Antennas-and-Propagation-Society / USNC/URSI National Radio Science Meeting, California, United States Of America, 9 - 14 July 2017, pp.1661-1662

**II. A Novel Method to Analyze Substrate Waves in Microstrip Antenna Arrays**

ADAŞ E., De Flaviis F., Alexopoulos N. G.

International Symposium of IEEE-Antennas-and-Propagation-Society / USNC/URSI National Radio Science Meeting, California, United States Of America, 9 - 14 July 2017, pp.2105-2106

**III. Scan Blindness-Free Electromagnetic Bandgap Phased Arrays**

ADAŞ E., De Flaviis F., Alexopoulos N. G.

International Symposium of IEEE-Antennas-and-Propagation-Society / USNC/URSI National Radio Science Meeting, California, United States Of America, 9 - 14 July 2017, pp.1593-1594

**IV. eSNR Improvement in Indirect Detection of mid-IR Signals by Wavelength Conversion in SOS Waveguides**

Huang Y., Kalyoncu S. K., Tien E. K., Gao S., Song Q., Qian F., ADAŞ E., Yildirim D., Boyraz O.

Conference on Infrared Sensors, Devices, and Applications and Single Photon Imaging II, California, United States Of America, 22 - 25 August 2011, vol.8155

**V. Stability analysis of second order pulsed Raman laser in dispersion managed systems**

Kalyoncu S. K., Gao S., Tien E., Huang Y., Yildirim D., ADAŞ E., Wabnitz S., Boyraz O.

Conference on Nonlinear Optics and Applications V, Prague, Czech Republic, 19 - 21 April 2011, vol.8071

## **Metrics**

Publication: 11

Citation (WoS): 31

Citation (Scopus): 48

H-Index (WoS): 2

H-Index (Scopus): 3