

Res. Asst. ABDURRAHİM MURATOĞLU

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: A-4240-2018

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Education Information

Doctorate, Middle East Technical University, Faculty of Engineering, Department of Aerospace Engineering, Turkey 2019
- Continues

Postgraduate, Middle East Technical University, Faculty of Engineering, Department of Aerospace Engineering, Turkey
2016 - 2019

Postgraduate, Gaziantep University, Faculty Of Engineering, Electrical - Electronics Engineering, Turkey 2016 - 2019

Undergraduate, Gaziantep University, Faculty Of Engineering, Elektrik-Elektronik Mühendisliği Bölümü (İngilizce), Turkey
2011 - 2015

Foreign Languages

English, C1 Advanced

German, B1 Intermediate

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Aerospace Engineering,
2016 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Reference-plane-invariant waveguide method for electromagnetic characterization of bi-axial bianisotropic metamaterials**
HASAR U. C., Yildiz G., BUTE M., Muratoglu A.
SENSORS AND ACTUATORS A-PHYSICAL, vol.283, pp.141-150, 2018 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Understanding Hydrodynamics of Tuna Fish Hydrofoil using CFD Simulations**
MURATOĞLU A., MURATOĞLU A.

9th Ankara International Aerospace Conference, Ankara, Turkey, 20 - 22 September 2017

II. Coupling Analysis of Resonating Metamaterial Slabs for The Role of EMC Problems

HASAR U. C., BUTE M., Muratoglu A.

4th International Electromagnetic Compatibility Conference (EMC Türkiye), Ankara, Turkey, 24 - 27 September 2017

III. New approaches for enhancements on transmission of electromagnetic signals

BUTE M., HASAR U. C., MURATOĞLU A.

2017 25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, Turkey, 15 - 18 May 2017

IV. Constitutive parameters determination of bi-anisotropic metamaterials using a waveguide method

HASAR U. C., BUTE M., MURATOĞLU A., BAROSSO J. J., KARACALI T., ERTUĞRUL M.

2015 SBMO/IEEE MTT-S International Microwave and Optoelectronics Conference (IMOC), Porto de Galinhas, Brazil, Brazil, 3 - 06 November 2015

V. Application of Several Boundary Conditions for Bi-anisotropic Metamaterial Structures and Investigation of Electromagnetic Response

MURATOĞLU A., UÇKUN S.

The 3rd EMC Türkiye Conference, İstanbul, Turkey, 2 - 04 September 2015

Metrics

Publication: 6

Non Academic Experience

ASIA-PASIFIC SPACE COOPERATION ORGANIZATION (APSCO)