

## Res. Asst. PhD MAHMUT CİHAT YILMAZ

### Personal Information

**Email:** mcyilmaz@aybu.edu.tr

**Web:** <https://avesis.aybu.edu.tr/mcyilmaz>

### International Researcher IDs

ScholarID: tUeoozAAAAAJ

ORCID: 0000-0001-7041-9286

Publons / Web Of Science ResearcherID: KIK-3733-2024

ScopusID: 57435990600

Yoksis Researcher ID: 159267

### Education

Doctorate, Ankara Yildirim Beyazit University, Mühendislik ve Doğa Bilimleri Fakültesi, Makine Mühendisliği, Turkey  
2016 - 2022

Postgraduate, Ankara Yildirim Beyazit University, Mühendislik ve Doğa Bilimleri Fakültesi, Makine Mühendisliği, Turkey  
2011 - 2016

Undergraduate, Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Mechanical Engineering,  
Turkey 2006 - 2011

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Vibroacoustic design of metamaterial-type bio-inspired flapping wing, Ankara Yildirim Beyazit University, Fen Bilimleri Enstitüsü, -, 2022

Postgraduate, A study on the mechanics of an electrically actuated micro cantilever beam switch, Ankara Yildirim Beyazit University, Fen Bilimleri Enstitüsü, -, 2016

### Research Areas

Machine Dynamics, System Dynamics and Control, Mechanisms, Acoustics and Noise Control

### Academic Positions

Research Assistant PhD, Ankara Yildirim Beyazit University, Mühendislik ve Doğa Bilimleri Fakültesi, Makine Mühendisliği, 2011 - Continues

### Courses

## **Undergraduate**

Computer Aided Technical Drawing II, Undergraduate, 2023 - 2024

Computer Aided Technical Drawing I, Undergraduate, 2023 - 2024

## **Journal articles indexed in SCI, SSCI, and AHCI**

- I. **Fully-printed metamaterial-type flexible wings with controllable flight characteristics**  
Zhilyaev I., Anerao N., Kottapalli A. G. P., YILMAZ M. C., Murat M., Ranjbar M., Krushynska A.  
Bioinspiration and Biomimetics, vol.17, no.2, 2022 (SCI-Expanded)
- II. **Determination of the stiffness properties of a complex RF MEMS by superposition and finite elements method**  
Yilmaz M. C., Orhan S.  
Microsystem Technologies, vol.25, no.7, pp.2561-2569, 2019 (SCI-Expanded)

## **Metrics**

Publication: 5

Citation (Scopus): 6

H-Index (Scopus): 2