

## Res. Asst. ÇAĞLAR KAHYA

### Personal Information

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### Education Information

Doctorate, Bursa Uludağ University, Turkey 2016 - Continues

Postgraduate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Makine Mühendisliği (YI) (Tezli), Turkey 2013 - 2016

Undergraduate, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, Makine Mühendisliği Bölümü, Turkey 2008 - 2012

### Dissertations

Postgraduate, Improving the buckling behaviour of columns used in steel rack systems, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, 2016

### Research Areas

Solid Mechanics

### Academic Titles / Tasks

Research Assistant, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, 2013 - Continues

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

- I. **Multi-objective optimization of 3D printing process parameters using gray-based Taguchi for composite PLA parts**  
TUNÇEL O., Tufekci K., KAHYA Ç.  
POLYMER COMPOSITES, 2024 (SCI-Expanded)
- II. **A Method Based on Riccati Equation for the Vibration Analysis of Rods with Variable Cross-Sections**  
PALA Y., KAHYA Ç.  
INTERNATIONAL JOURNAL OF STRUCTURAL STABILITY AND DYNAMICS, vol.22, no.11, 2022 (SCI-Expanded)
- III. **Damped vibration analysis of cracked Timoshenko beams with restrained end conditions**  
PALA Y., BEYÇİMEN S., KAHYA Ç.  
JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING, vol.42, no.9, 2020 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Free vibration analysis of elastically restrained cantilever Timoshenko beam with attachments**  
PALA Y., KAHYA Ç.  
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.29, no.3, pp.274-280, 2023 (ESCI)

## Metrics

Publication: 4

Citation (Scopus): 8

H-Index (Scopus): 2