

## Res. Asst. BURAK TEKKANAT

### Personal Information

**Email:** burak.tekkanat@kocaeli.edu.tr

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### International Researcher IDs

ORCID: 0000-0002-1051-7076

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### Education Information

Doctorate, Kocaeli University, Fen Bilimleri Enstitüsü, Havacılık Bilimi ve Teknolojileri Böl., Turkey 2022 - Continues  
Postgraduate, Isparta University Of Applied Sciences, Faculty Of Technology, Department Of Mechatronics Engineering, Turkey 2018 - 2022

Undergraduate, Erciyes University, Mühendislik Fakültesi, Mekatronik Mühendisliği, Turkey 2013 - 2018

### Foreign Languages

English, B2 Upper Intermediate

### Academic Titles / Tasks

Research Assistant, Kocaeli University, Havacılık ve Uzay Bilimleri Fakültesi, Uçak Gövde ve Motor Bakımı, 2019 - Continues

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

- The evaluation of hydrogen production via a geothermal-based multigeneration system with 3E analysis and multi-objective optimization**  
TEKKANAT B., Yuksel Y. E., Ozturk M.  
International Journal of Hydrogen Energy, vol.48, no.22, pp.8002-8021, 2023 (SCI-Expanded)

### Refereed Congress / Symposium Publications in Proceedings

- Investigation and Thermodynamic Analysis of a New Geothermal Energy System for Hydrogen and Other Valuable Outputs**  
TEKKANAT B., YÜKSEL Y. E., ÖZTÜRK M.  
5th International Hydrogen Technologies Congress, Niğde, Turkey, 26 May 2021

### Metrics

Publication: 2

Citation (WoS): 8

Citation (Scopus): 10

H-Index (WoS): 1

H-Index (Scopus): 1