# Res. Asst. OĞUZ KAAN ÇİNİCİ



## Personal Information

**Email:** oguzkaancinici@gazi.edu.tr
**Other Email:** oguzkaancinici@gmail.com
**Web:** https://avesis.gazi.edu.tr/oguzkaancinici
**International Researcher IDs**
ScholarID: VHJqimUAAAAJ
ORCID: 0000-0001-5260-623X
Publons / Web Of Science ResearcherID: ABD-4059-2020
ScopusID: 57358243000
Yoksis Researcher ID: 319687

## Education Information

| | |
|---|---|
| 2022 - Continues | Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Turkey |
| 2020 - 2022 | Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Enerji Sistemleri Mühendisliği (Yl) (Tezli), Turkey |
| 2016 - 2019 | Undergraduate Double Major, Gazi University, Teknoloji Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey |
| 2014 - 2018 | Undergraduate, Gazi University, Teknoloji Fakültesi, Enerji Sistemleri Mühendisliği Bölümü, Turkey |

## Certificates, Courses and Trainings

| | |
|---|---|
| 2020 | Elsevier Turkey Webinar Efficient Literature Search (PhysicalSciences), Vocational Course, TUBITAK ULAKBIM EKUAL |
| 2020 | Elsevier Turkey Webinar Mendeley New Tools, Vocational Course, TUBITAK ULAKBIM EKUAL |
| 2020 | Elsevier Turkey Webinar Efficient Journal Selection Physical Sciences, Vocational Course, TUBITAK ULAKBIM EKUAL |

## Dissertations

| | |
|---|---|
| 2022 | Experimental investigation of a thermal energy storage unit integrated with a thermoelectric generator under solar radiation, Gazi University, Fen Bilimleri Enstitüsü, Postgraduate |

## Research Areas

Energy, Energy, Thermodynamics

## Academic Titles / Tasks

| | |
|---|---|
| 2020 - Continues | Research Assistant, Gazi University, Teknoloji Fakültesi, Enerji Sistemleri Mühendisliği |

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

I. **Experimental investigation of a thermal energy storage unit integrated with thermoelectric generators under solar radiation**
ACIR A., Kaan Çinici O.
Solar Energy, vol.265, 2023 (SCI-Expanded)

II. **Optimization of melting time of solar thermal energy storage unit containing spring type heat transfer enhancer by Taguchi based grey relational analysis**
Çinici O. K., Canlı M. E., Çakıroğlu R., Acır A.
Journal of Energy Storage, vol.47, 2022 (SCI-Expanded)

## Articles Published in Other Journals

I. **Comparison Study in Terms of The Results of Photovoltaic Solar Energy Systems Designed with PVsyst and MATLAB Simulink Software**
Çinici O. K., Karaca B., Acır A.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.26, no.4, pp.1635-1649, 2023 (ESCI)

II. **Optimization of Array Design in Photovoltaic Power Plants Using the Taguchi and ANOVA Analysis**
Çinici O. K., Acır A.
Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, vol.11, no.4, pp.1195-1208, 2023 (Peer-Reviewed Journal)

III. **Performance Analysis of Monofacial and Bifacial Photovoltaic Panels**
Bayyiğit A., Çinici O. K., Acır A.
Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, vol.11, no.2, pp.407-420, 2023 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

I. **Effect of Fin Usage on Power Harvesting in Thermoelectric Generators**
Çinici O. K.
2nd International Conference on Scientific and Academic Research ICSAR 2023, Konya, Turkey, 4 - 05 December 2023, vol.1, pp.337-342

II. **Comparison of simulation results of a photovoltaic system designed with PVsyst and Matlab/Simulink programs**
Karaca B., Çinici O. K., Acır A.
1 ST INTERNATIONAL CONFERENCE ON ENGINEERING, NATURAL AND SOCIAL SCIENCES, Konya, Turkey, 20 December 2022, pp.837-840

## Supported Projects

| | |
|---|---|
| 2023 - 2024 | Bilgisayar Donanım Parçalarının Isınması Sonucu Ortaya Çıkan Atık Isıdan Termoelektrik Jeneratörler Aracılığıyla Elektrik Üretiminin Deneysel İncelenmesi, TUBITAK Project |
| 2023 - 2024 | Soğutma Sistemlerinde Kondenserden Atılan Isıdan Termoelektrik Jeneratörler Aracılığıyla Elektrik Üretiminin Deneysel İncelenmesi, TUBITAK Project |
| 2022 - 2023 | Termoelektrik Jeneratörler ile Bütünleştirilmiş Bir Termal Enerji Depolama Ünitesinin Güneş Işınımı Altında Deneysel İncelenmesi, Project Supported by Higher Education Institutions |

## Metrics

Publication: 7

Citation (WoS): 9
Citation (Scopus): 11
H-Index (WoS): 1
H-Index (Scopus): 1

## Non Academic Experience

| | |
|---|---|
| 2019 - 2020 | ERC SİSTEM ELEKTRİK MAKİNA İML. TAAH. SAN. VE TİC. A.Ş. |