

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: VHQimUAAAAJ

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 (YI) (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. **Multi-objective optimization of the hydrogen fuel production of a solar-based cobalt-chlorine (Co-Cl) thermochemical cycle with grey relational analysis**
Çakıroğlu R., Çinici O. K., Asal Ş., Acır A.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, no.68, pp.360-373, 2024 (SCI-Expanded)
- II. **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)
- III. **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**
Bayyığıt 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. **Development Potential and Sustainability Index of a Thermal Power Plant**
SOYER İ., ÇİNİCİ O. K., AKTAŞ M., ACIR A.
3rd International Conference on Engineering, Natural and Social Sciences, Konya, Turkey, 16 May 2024
- II. **A Study of Hydrogen Production of A Hybrid Solar-Wind Based Mg-Cl Thermochemical Cycle With Taguchi Method**
ÇAKIROĞLU R., Şener G., ÇİNİCİ O. K., ACIR A.
12th Global Conference on Global Warming (GCGW-2024), Şanlıurfa, Turkey, 16 May 2024
- III. **Multi-optimization of Hydrogen Production of a Solar-based S-I Thermochemical Cycle**
ÇAKIROĞLU R., ŞENER G., ÇİNİCİ O. K., ACIR A.
Eighth International Hydrogen Technologies Congress (IHTEC 2024), Diyarbakır, Turkey, 12 May 2024
- IV. **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
- V. **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 Üretimini Deneysel İncelenmesi, TUBITAK Project
2023 - 2024	Soğutma Sistemlerinde Kondenserden Atılan Isıdan Termoelektrik Jeneratörler Aracılığıyla Elektrik Üretimini 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: 11
Citation (WoS): 14
Citation (Scopus): 16
H-Index (WoS): 1
H-Index (Scopus): 1

Non Academic Experience

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