# Res. Asst. Mehmet Özçelik

#### **Personal Information**

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#### **International Researcher IDs**

ORCID: 0000-0002-5721-032X Yoksis Researcher ID: 331506

#### **Education Information**

Doctorate, Dicle University, Institute Of Science, Mechanical Engineering, Turkey 2020 - Continues

Postgraduate, Konya Technical University, Graduate Education, Training And Research Institute, Mechanical Engineering,

Turkey 2018 - 2020

Undergraduate, Dicle University, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey 2015 - 2017 Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği, Turkey 2011 - 2015

## Foreign Languages

English, B1 Intermediate

#### **Dissertations**

Postgraduate, THERMODYNAMIC ANALYSIS OF COMBINED POWER SYSTEM USING TRILATERAL CYCLE AND ORGANIC RANKINE CYCLE, Konya Technical University, Graduate Education, Training And Research Institute, Mechanical Engineering, 2020

#### **Research Areas**

Mechanical Engineering, Energy, Energy storage technologies, Thermodynamics, Thermal Systems, Engineering and Technology

## **Academic Titles / Tasks**

Research Assistant, Van Yüzüncü Yil University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 2023 - Continues Research Assistant, Dicle University, Engineering Fakulty, Mechanical Engineering Department, 2021 - 2023 Research Assistant, Van Yüzüncü Yil University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 2020 - 2021

## Articles Published in Other Journals

I. Comparative Performance Analysis of Combined Power Systems Trilateral Cycle-Organic Rankine

## Cycle (TLC-ORC) and Organic Rankine Cycle Organic Rankine Cycle (ORC-ORC)

Bilir Sağ N., Özçelik M.

Konya mühendislik bilimleri dergisi (Online), vol.9, no.3, pp.647-665, 2021 (Peer-Reviewed Journal)

# Refereed Congress / Symposium Publications in Proceedings

## I. OPTIMUM WORKING FLUID SELECTION FOR ORC-ORC COMBINED POWER SYSTEM

Özçelik M., Bilir Sağ N.

ISSRIS'21(International Symposium of Scientific Research and Innovative Studies), Balıkesir, Turkey, 22 - 25 February 2021, pp.1059-1071

# II. OPTIMUM WORKING FLUID SELECTION OF TLC-ORC COMBINED POWER SYSTEM

Özçelik M., Sağ N. B.

3rd International Conference on Innovative Studies of Contemporary Sciences (TOKYO SUMMIT - 3), Tokyo, Japan, 19 - 21 February 2021, pp.375-382

# ${\tt III.} \quad \textbf{INVESTIGATION OF THE COMBINED TLC-ORC AND THE COMBINED ORC-ORC POWER SYSTEMS}$

Özçelik M., Sağ N. B.

ICENTE 19, Konya, Turkey, 25 - 27 October 2019, pp.353-357

# **Supported Projects**

Devecioğlu A. G., Özçelik M., Project Supported by Higher Education Institutions, Theoretical Investigation And Modeling Of Energy, Exergy And Environmental Impact Parameters Of Rerfrigerants With Low Global Warming Potential Used In Water Source Heat Pump System, 2024 - 2026

## Activities in Scientific Journals

Van Yüzüncü Yıl Üniversitesi Mühendislik Fakültesi Dergisi, Editor, 2024 - Continues

## **Tasks In Event Organizations**

Hüseyinoğlu M., Özçelik M., 20TH NATIONAL MACHINE THEORY SYMPOSIUM (UMTS 2021), Scientific Congress, Diyarbakır, Turkey, Eylül 2021

## Metrics

Publication: 4