

Asst. Prof. NURSAİD POLATER

Personal Information

Email: nursaid.polater@bozok.edu.tr

Web: <https://avesis.bozok.edu.tr/nursaid.polater>

International Researcher IDs

ORCID: 0000-0001-9296-0866

Yoksis Researcher ID: 393939

Education Information

Doctorate, University of Birmingham, School of Engineering, Department of Electrical, Electronics and Computer Engineering, England 2018 - 2023

Postgraduate, University of Nottingham, School of Engineering, Department of Electrical Engineering for Renewable and Sustainable Engineering, England 2016 - 2017

Undergraduate, Yildiz Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department, Turkey 2009 - 2014

Foreign Languages

English, B2 Upper Intermediate

Academic Titles / Tasks

Assistant Professor, Yozgat Bozok University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği, 2023 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Development of a smart hybrid drive system with advanced logistics for railway applications**
Polater N.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.52, pp.559-576, 2024 (SCI-Expanded)
- II. **A new traction system with asymmetrical six-phase permanent magnet synchronous motors for hydrogen trains**
POLATER N., Maggiulli F., Foglia G. M., Tricoli P.
IEEE Access, vol.12, pp.23279-23289, 2024 (SCI-Expanded)
- III. **Technical Review of Traction Drive Systems for Light Railways**
Polater N., Tricoli P.
Energies, vol.15, no.9, 2022 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **State of Charge-Based Power Sharing Algorithm for Hydrogen and Battery Cells Supplying Double-**

Three Phase Permanent Magnet Synchronous Motor

Polater N., Kamel T., Tricoli P.

16th IEEE International Conference on Compatibility, Power Electronics, and Power Engineering, CPE-POWERENG 2022, Birmingham, England, 29 June - 01 July 2022

II. Torque Comparison of Surface Mount and Interior Permanent Magnet Synchronous Motor for Railway Applications

Polater N., Kamel T., Tricoli P.

15th IEEE International Conference on Compatibility, Power Electronics and Power Engineering, CPE-POWERENG 2021, Florence, Italy, 14 - 16 July 2021

III. Control and Power Sharing Strategy of Dual Three-Phase Permanent Magnet Synchronous Motor for Light Railway Applications

Polater N., Kamel T., Tricoli P.

18th IEEE Vehicle Power and Propulsion Conference, VPPC 2021, Virtual, Gijon, Spain, 25 - 28 October 2021