

Res. Asst. Nurhan ÜREGEN GÜLER

Personal Information

Office Phone: [+90 021 238 3278](tel:+900212383278) Extension: 2

Email: nuguler@yildiz.edu.tr

Web: <https://avesis.yildiz.edu.tr/17198>

International Researcher IDs

ScholarID: cYswQHEAAAAJ

ORCID: 0000-0001-9210-1252

ScopusID: 57226159993

Yoksis Researcher ID: 338223

Education Information

Doctorate, Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Mechanical Engineering, Turkey
2020 - Continues

Postgraduate, Gazi University, Teknoloji Fakültesi, Enerji Sistemleri Mühendisliği, Turkey 2018 - 2020

Undergraduate Double Major, Atilim University, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey
2014 - 2016

Undergraduate, Atilim University, Faculty Of Engineering, Department Of Energy Systems Engineering, Turkey 2011 -
2016

Research Areas

Mechanical Engineering, Energy, Renewable Energy Systems, Alternative Energy Resources, Hydrogen Technologies and
Fuel Cells, Advanced Energy Technologies, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Mechanical
Engineering, 2021 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Experimental and numerical investigation of biogas distributed combustion with different oxidizers in a swirl stabilized combustor**
İLBAŞ M., Guler N., Sahin M.
Fuel, vol.304, 2021 (SCI-Expanded)
- II. **Polybenzimidazole based nanocomposite membranes with enhanced proton conductivity for high temperature PEM fuel cells**
Ozdemir Y., Uregen N., Devrim Y.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.42, no.4, pp.2648-2657, 2017 (SCI-Expanded)
- III. **Development of polybenzimidazole/graphene oxide composite membranes for high temperature PEM fuel cells**

Üregen N., Pehlivanoglu K., Ozdemir Y., Devrim Y.

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.42, no.4, pp.2636-2647, 2017 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **A Brief Analysis Of Concentrated Solar Energy Based Biomass Gasification For Sustainable Hydrogen Production**
Üregen Güler N., Yumurtacı Z.
The World Energy Storage Conference , Pennsylvania, United States Of America, 5 - 08 November 2023, pp.226-228
- II. **YEKDEM Politikası ve Yenilenebilir Enerji Gelişimi**
ÜREGEN GÜLER N., YUMURTACI Z.
6. İzmir Rüzgar Sempozyumu, Turkey, 23 September 2021
- III. **Design of High Temperature PEM Fuel Cell Micro-Cogeneration System, National Chemical Engineering Congress**
Üregen Güler N., Devrim Y., Özgirgin E.
12. Ulusal Kimya Mühendisliği Kongresi, İzmir, Turkey, 23 - 26 August 2016, pp.389
- IV. **Preparation of Polybenzimidazole Membranes with Graphene Oxide Nanoparticles and Investigation of High Temperature Polymer Electrolyte Fuel Cell Performances**
Üregen Güler N., Pehlivanoğlu K., Özdemir Y., Devrim Y.
Ulusal Hidrojen Teknolojileri Kongresi, İstanbul, Turkey, 20 - 23 December 2015

Supported Projects

YUMURTACI Z., KARAKOYUN Y., ÜREGEN GÜLER N., Project Supported by Higher Education Institutions, Yoğunlaştırılmış Güneş Enerjisi Destekli Orman Atıklarından Hidrojen Üretiminin Sürdürülebilirlik Analizi, 2023 - 2024

Devrim Y., TUBITAK Project, Design and Development of the High Temperature Fuel Cell Fueled by Reformate Gases for Evaluation of Micro-Cogeneration Application, 2015 - 2018

Metrics

Publication: 7

Citation (WoS): 225

Citation (Scopus): 279

H-Index (WoS): 2

H-Index (Scopus): 3