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International Researcher IDs

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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**

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

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

Papers Published in Refereed Scientific Meetings

- I. **ANALYSIS OF THE LEVELIZED COST OF HYDROGEN FROM BIOMASS GASIFICATION**
ÜREGEN GÜLER N., YUMURTACI Z.
7th INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, İstanbul, Turkey, 24 - 26 December 2024, pp.872-875
- II. **ENVIRONMENTAL IMPACT ASSESSMENT OF SYNGAS GENERATION FROM BIOMASS GASIFICATION**
ÜREGEN GÜLER N., YUMURTACI Z.
12 th Global Conference on Global Warming (GCGW-2024), Şanlıurfa, Turkey, 16 - 19 May 2024, pp.607-609
- III. **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
- IV. **YEKDEM Politikası ve Yenilenebilir Enerji Gelişimi**
ÜREGEN GÜLER N., YUMURTACI Z.
6. İzmir Rüzgar Sempozyumu, Turkey, 23 September 2021
- V. **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
- VI. **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: 9

Citation (WoS): 225

Citation (Scopus): 321

H-Index (WoS): 2

H-Index (Scopus): 3