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Research Areas

Chemical Engineering and Technology, Process and Reactor Design, Mechanical Engineering, Energy, Hydrogen Technologies and Fuel Cells , Advanced Energy Technologies, Engineering and Technology

Academic and Administrative Experience

Recep Tayyip Erdogan University, Makine Mühendisliği Bölümü, 2017 - Continues

Recep Tayyip Erdogan University, Makine Mühendisliği Bölümü, 2017 - Continues

Recep Tayyip Erdogan University, Mühendislik Fakültesi, 2012 - 2015

Recep Tayyip Erdogan University, Makine Mühendisliği Bölümü, 2012 - 2013

Recep Tayyip Erdogan University, 2011 - 2013

Recep Tayyip Erdogan University, Turgut Kıran Denizcilik Yüksekokulu, 2010 - 2012

Nigde Omer Halisdemir University, 2005 - 2010

Nigde Omer Halisdemir University, Mühendislik Fakültesi, 2006 - 2009

Nigde Omer Halisdemir University, 2006 - 2006

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Thermodynamic based environmental and sustainability assessments of gas flow in a curved annular channel**
MİDİLLİ A., KÜÇÜK H., AKBULUT U.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.45, no.49, pp.26379-26386, 2020 (SCI-Expanded)
- II. **Present and future of flue gas emission reduction technologies related to fossil power generation**
Yalcin S., Konukman A. E. S., Midilli A.
GREENHOUSE GASES-SCIENCE AND TECHNOLOGY, vol.10, no.4, pp.664-677, 2020 (SCI-Expanded)
- III. **A review on environmental impacts from aviation sector in terms of life cycle assessment**
Calisir D., Ekici S., MİDİLLİ A., Karakoc T. H.
INTERNATIONAL JOURNAL OF GLOBAL WARMING, vol.22, no.2, pp.211-234, 2020 (SCI-Expanded)
- IV. **A parametric study on thermodynamic performance of a SOFC oriented hybrid energy system**
İNAC S., Unuerdi S. O., Midilli A.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.44, no.20, pp.10043-10058, 2019 (SCI-Expanded)
- V. **A preface to the special issue section on "The Second International Hydrogen Technologies Congress (IHTEC 2017), 15-18 March 2017, Adana, Turkey"**

Midilli A., KARAKILÇIK M.

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.43, no.23, pp.10521, 2018 (SCI-Expanded)

- VI. **Exergetic performance comparison of air and hydrogen gas flowing through the annular curved duct**
MIDILLI A., Kucuk H., AKBULUT U.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.43, no.23, pp.10859-10868, 2018 (SCI-Expanded)
- VII. **Exergetic sustainability indicators for a high pressure hydrogen production and storage system**
Midilli A., INAC S., OZSABAN M.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.42, no.33, pp.21379-21391, 2017 (SCI-Expanded)
- VIII. **A preface to the special issue section on "The National Hydrogen Technologies Congress (UHTEK 2015), 20-23 December 2015, Istanbul, Turkey"**
Midilli A., Kucuk H.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.42, no.4, pp.2434, 2017 (SCI-Expanded)
- IX. **A parametric study on exergetic performance of a YSZ electrolyte supported SOFC stack**
Midilli A., AKBULUT U., DINCER I.
INTERNATIONAL JOURNAL OF EXERGY, vol.24, pp.173-200, 2017 (SCI-Expanded)
- X. **Thermodynamic comparison of a steam, hot water and hot air production system consuming Soma and Afsin lignites under stoichiometric conditions**
YALCIN S., Midilli A., Konukman A. E. S.
INTERNATIONAL JOURNAL OF EXERGY, vol.23, no.2, pp.101-128, 2017 (SCI-Expanded)
- XI. **Parametric study of exergetic sustainability performances of a high altitude long endurance unmanned air vehicle using hydrogen fuel**
Kaya N., Turan O., Karakoc T. H., Midilli A.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.41, no.19, pp.8323-8336, 2016 (SCI-Expanded)
- XII. **Exergetic sustainability improvement potentials of a hydrogen fuelled turbofan engine UAV by heating its fuel with exhaust gasses**
Kaya N., Turan O., Midilli A., Karakoc T. H.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.41, no.19, pp.8307-8322, 2016 (SCI-Expanded)
- XIII. **A parametric study on exergetic sustainability aspects of high-pressure hydrogen gas compression**
OZSABAN M., Midilli A.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.41, no.11, pp.5321-5334, 2016 (SCI-Expanded)
- XIV. **Exergetic sustainability assessment of a HALE UAV using dodecene fuel**
Kaya N., Turan O., Midilli A., Karakoc T. H.
INTERNATIONAL JOURNAL OF EXERGY, vol.21, no.1, pp.87-109, 2016 (SCI-Expanded)
- XV. **Green hydrogen energy system: a policy on reducing petroleum-based global unrest**
Midilli A.
INTERNATIONAL JOURNAL OF GLOBAL WARMING, vol.10, pp.354-370, 2016 (SCI-Expanded)
- XVI. **Assessment of exergetic sustainability indicators for a single layer solar drying system**
MIDILLI A., Kucuk H.
INTERNATIONAL JOURNAL OF EXERGY, vol.16, no.3, pp.278-292, 2015 (SCI-Expanded)
- XVII. **Exergetic Sustainability Indicators as a Tool in Commercial Aircraft: A Case Study for a Turbofan Engine**
Aydin H., Turan O., Karakoc T. H., Midilli A.
INTERNATIONAL JOURNAL OF GREEN ENERGY, vol.12, no.1, pp.28-40, 2015 (SCI-Expanded)
- XVIII. **Untitled**
Karakoc T. H., Midilli A., Turan O.
INTERNATIONAL JOURNAL OF GREEN ENERGY, vol.12, no.1, pp.1, 2015 (SCI-Expanded)
- XIX. **A Review on Thin-Layer Drying-Curve Equations**
Kucuk H., MIDILLI A., KILIC A., DINCER I.
DRYING TECHNOLOGY, vol.32, no.7, pp.757-773, 2014 (SCI-Expanded)
- XX. **Sustainability assessment of PW6000 turbofan engine: an exergetic approach**
AYDIN H., Turan O., Karakoc T. H., Midilli A.

- INTERNATIONAL JOURNAL OF EXERGY, vol.14, no.3, pp.388-412, 2014 (SCI-Expanded)
- XXI. **Exergo-sustainability indicators of a turboprop aircraft for the phases of a flight**
AYDIN H., Turan O., Karakoc T. H., Midilli A.
ENERGY, vol.58, pp.550-560, 2013 (SCI-Expanded)
- XXII. **Green hydrogen and fuel cell systems**
Karakoc H., Midilli A., Turan O.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.37, no.10, pp.1141, 2013 (SCI-Expanded)
- XXIII. **Energetic and exergetic performance assessment of a turboprop engine at various loads**
AYDIN H., Turan O., Midilli A., Karakoc T. H.
INTERNATIONAL JOURNAL OF EXERGY, vol.13, no.4, pp.543-564, 2013 (SCI-Expanded)
- XXIV. **Environmental and sustainability aspects of a recirculating aquaculture system**
MİDİLLİ A., KÜÇÜK H., DINCER I.
ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY, vol.31, no.4, pp.604-611, 2012 (SCI-Expanded)
- XXV. **IGECVI-special issue-Energy and exergy modeling of advance energy systems**
Karakoc T. H., Midilli A., Turan O.
ENERGY, vol.46, no.1, pp.3-4, 2012 (SCI-Expanded)
- XXVI. **Sustainable assessment of solar hydrogen production techniques**
Bozoglan E., Midilli A., Hepbasli A.
ENERGY, vol.46, no.1, pp.85-93, 2012 (SCI-Expanded)
- XXVII. **Exergetic and exergo-economic analysis of a turboprop engine: a case study for CT7-9C**
AYDIN H., Turan O., Midilli A., Karakoc T. H.
INTERNATIONAL JOURNAL OF EXERGY, vol.11, no.1, pp.69-88, 2012 (SCI-Expanded)
- XXVIII. **Component-based exergetic measures of an experimental turboprop/turboshaft engine for propeller aircrafts and helicopters**
AYDIN H., Turan O., Karakoc T. H., MİDİLLİ A.
INTERNATIONAL JOURNAL OF EXERGY, vol.11, no.3, pp.322-348, 2012 (SCI-Expanded)
- XXIX. **Exergy analysis of a high pressure multistage hydrogen gas storage system**
ÖZSABAN M., MİDİLLİ A., DINCER I.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.36, no.17, pp.11440-11450, 2011 (SCI-Expanded)
- XXX. **Exergetic performance analysis of a recirculating aquaculture system**
Kucuk H., Midilli A., ÖZDEMİR A., Cakmak E., DINCER I.
ENERGY CONVERSION AND MANAGEMENT, vol.51, no.5, pp.1033-1043, 2010 (SCI-Expanded)
- XXXI. **Effects of some micro-level exergetic parameters of a PEMFC on the environment and sustainability**
Midilli A., DINCER I.
INTERNATIONAL JOURNAL OF GLOBAL WARMING, vol.2, no.1, pp.65-80, 2010 (SCI-Expanded)
- XXXII. **A novel fish-drying technique for better environment, quality and sustainability**
Kilic A., MİDİLLİ A., DINCER I.
INTERNATIONAL JOURNAL OF GLOBAL WARMING, vol.2, no.3, pp.262-278, 2010 (SCI-Expanded)
- XXXIII. **Development of some exergetic parameters for PEM fuel cells for measuring environmental impact and sustainability**
Midilli A., DINCER I.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.34, no.9, pp.3858-3872, 2009 (SCI-Expanded)
- XXXIV. **Hydrogen as a renewable and sustainable solution in reducing global fossil fuel consumption**
Midilli A., DINCER I.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.33, no.16, pp.4209-4222, 2008 (SCI-Expanded)
- XXXV. **Key strategies of hydrogen energy systems for sustainability**
Midilli A., DINCER I.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.32, no.5, pp.511-524, 2007 (SCI-Expanded)
- XXXVI. **Artificial neural network analysis of world green energy use**
ERMIS K., Midilli A., DINCER I., ROSEN M. A.
ENERGY POLICY, vol.35, no.3, pp.1731-1743, 2007 (SCI-Expanded)

- XXXVII. **The role and future benefits of green energy**
Midilli A., DINCER I., ROSEN M. A.
INTERNATIONAL JOURNAL OF GREEN ENERGY, vol.4, no.1, pp.65-87, 2007 (SCI-Expanded)
- XXXVIII. **A parametric investigation of hydrogen energy potential based on H₂S in Black Sea deep waters**
Midilli A., AY M., KALE A., VEZIROGLU T. N.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.32, no.1, pp.117-124, 2007 (SCI-Expanded)
- XXXIX. **Green energy strategies for sustainable development**
Midilli A., DINCER I., AY M.
ENERGY POLICY, vol.34, no.18, pp.3623-3633, 2006 (SCI-Expanded)
- XL. **Investigation of hydrogen production from boron compounds for PEM fuel cells**
Ay M., Midilli A., Dincer I.
JOURNAL OF POWER SOURCES, vol.157, no.1, pp.104-113, 2006 (SCI-Expanded)
- XLI. **Exergetic performance analysis of a PEM fuel cell**
Ay M., Midilli A., Dincer I.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.30, no.5, pp.307-321, 2006 (SCI-Expanded)
- XLII. **The first and second law analyses of thermodynamic of pumpkin drying process**
AKPINAR E., Midilli A., BICER Y.
JOURNAL OF FOOD ENGINEERING, vol.72, no.4, pp.320-331, 2006 (SCI-Expanded)
- XLIII. **Thermodynamic modelling of a proton exchange membrane fuel cell**
AY M., Midilli A.
INTERNATIONAL JOURNAL OF EXERGY, vol.3, no.1, pp.16-44, 2006 (SCI-Expanded)
- XLIV. **Energy and exergy of potato drying process via cyclone type dryer**
AKPINAR E., Midilli A., BICER Y.
ENERGY CONVERSION AND MANAGEMENT, vol.46, pp.2530-2552, 2005 (SCI-Expanded)
- XLV. **On hydrogen and hydrogen energy strategies I: current status and needs**
Midilli A., Ay M., Dincer I., Rosen M.
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.9, no.3, pp.255-271, 2005 (SCI-Expanded)
- XLVI. **On hydrogen and hydrogen energy strategies II: Future projections affecting global stability and unrest**
Midilli A., Ay M., Dincer I., Rosen M.
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.9, no.3, pp.273-287, 2005 (SCI-Expanded)
- XLVII. **Thermodynamic analysis of the apple drying process**
AKPINAR E., Midilli A., BICER Y.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART E-JOURNAL OF PROCESS MECHANICAL ENGINEERING, vol.219, pp.1-14, 2005 (SCI-Expanded)
- XLVIII. **Natural vacuum distillation technique - Part II: Experimental investigation**
Midilli A., AYHAN T.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.28, no.5, pp.373-389, 2004 (SCI-Expanded)
- XLIX. **Natural vacuum distillation technique - Part 1: Theory and basics**
Midilli A., AYHAN T.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.28, no.4, pp.355-371, 2004 (SCI-Expanded)
- L. **Gasification of leather residues - Part II. Conversion into combustible gases and the effects of some operational parameters**
Midilli A., DOGRU M., AKAY G., HOWARTH C.
ENERGY SOURCES, vol.26, no.1, pp.45-53, 2004 (SCI-Expanded)
- LI. **Gasification of leather residues - Part I. Experimental study via a pilot scale air blown downdraft gasifier**
DOGRU M., Midilli A., AKAY G., HOWARTH C.
ENERGY SOURCES, vol.26, no.1, pp.35-44, 2004 (SCI-Expanded)
- LII. **Modeling and experimental study on drying of apple slices in a convective cyclone dryer**
AKPINAR E., BICER Y., Midilli A.

JOURNAL OF FOOD PROCESS ENGINEERING, vol.26, no.6, pp.515-541, 2003 (SCI-Expanded)

- LIII. **Experimental investigation of drying behaviour and conditions of pumpkin slices via a cyclone-type dryer**
AKPINAR E., MIDILLI A., BICER Y.
JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, vol.83, no.14, pp.1480-1486, 2003 (SCI-Expanded)
- LIV. **Energy and exergy analyses of sugar production stages**
BAYRAK M., MIDILLI A., NURVEREN K.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.27, no.11, pp.989-1001, 2003 (SCI-Expanded)
- LV. **Single layer drying behaviour of potato slices in a convective cyclone dryer and mathematical modeling**
AKPINAR E., MIDILLI A., BICER Y.
ENERGY CONVERSION AND MANAGEMENT, vol.44, no.10, pp.1689-1705, 2003 (SCI-Expanded)
- LVI. **Energy and exergy analyses of solar drying process of pistachio**
Midilli A., Kucuk H.
ENERGY, vol.28, no.6, pp.539-556, 2003 (SCI-Expanded)
- LVII. **Mathematical modeling of thin layer drying of pistachio by using solar energy**
Midilli A., Kucuk H.
ENERGY CONVERSION AND MANAGEMENT, vol.44, no.7, pp.1111-1122, 2003 (SCI-Expanded)
- LVIII. **Hydrogen production from sewage sludge via a fixed bed gasifier product gas**
Midilli A., DOGRU M., AKAY G., HOWARTH C.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.27, no.10, pp.1035-1041, 2002 (SCI-Expanded)
- LIX. **Gasification of sewage sludge using a throated downdraft gasifier and uncertainty analysis**
DOGRU M., MIDILLI A., HOWARTH C.
FUEL PROCESSING TECHNOLOGY, vol.75, no.1, pp.55-82, 2002 (SCI-Expanded)
- LX. **A new model for single-layer drying**
Midilli A., Kucuk H., YAPAR Z.
DRYING TECHNOLOGY, vol.20, no.7, pp.1503-1513, 2002 (SCI-Expanded)
- LXI. **Determination of pistachio drying behaviour and conditions in a solar drying system**
Midilli A.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.25, no.8, pp.715-725, 2001 (SCI-Expanded)
- LXII. **Hydrogen production from hazelnut shell by applying air-blown downdraft gasification technique**
Midilli A., DOGRU M., HOWARTH C., AYHAN T.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.26, no.1, pp.29-37, 2001 (SCI-Expanded)
- LXIII. **Combustible gas production from sewage sludge with a downdraft gasifier**
Midilli A., DOGRU M., HOWARTH C., LING M., AYHAN T.
ENERGY CONVERSION AND MANAGEMENT, vol.42, no.2, pp.157-172, 2001 (SCI-Expanded)
- LXIV. **Drying and conservation conditions of pollen**
Midilli A., OLGUN H., RZAYEV P., AYHAN T.
JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, vol.80, no.13, pp.1973-1980, 2000 (SCI-Expanded)
- LXV. **Solar hydrogen production from hazelnut shells**
Midilli A., RZAYEV P., OLGUN H., AYHAN T.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.25, no.8, pp.723-732, 2000 (SCI-Expanded)
- LXVI. **Experimental studies on mushroom and pollen drying**
Midilli A., OLGUN H., AYHAN T.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.23, no.13, pp.1143-1152, 1999 (SCI-Expanded)

Books & Book Chapters

- I. **Comprehensive Energy Systems Energy Production (Vol 3)**
DINCER I., MIDILLI A.

Elsevier Science, Oxford/Amsterdam , Amsterdam, 2018

- II. **Progress in Sustainable Energy Technologies:Generating Renewable Energy**
DINCER I., MİDİLLİ A., KÜÇÜK H.
Springer, Cham, 2014
- III. **Progress in Sustainable Energy Technologies: Creating Sustainable Development**
DINCER I., MİDİLLİ A., KÜÇÜK H.
Springer, Cham, 2014
- IV. **Progress in Exergy, Energy, and the Environment**
DINCER I., MİDİLLİ A., KÜÇÜK H.
Springer, Cham, 2014
- V. **Entropy Generation of Hydrogen Flow in a Curved Annular Duct**
KÜÇÜK H., AKBULUT U., MİDİLLİ A.
in: Progress in Sustainable Energy Technologies: Creating Sustainable Development, Dincer I., Midilli A., Kucuk H., Editor, Springer, Cham, pp.63-77, 2014
- VI. **Environmental Friendly Food Smoking Technologies**
KILIÇ A., KÜÇÜK H., MİDİLLİ A.
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- VII. **Exergy-Based Sustainability Indicators for a Single Layer Solar Drying Process**
MİDİLLİ A., KÜÇÜK H.
in: Progress in Exergy, Energy, and the Environment, Dincer I., Midilli A., Kucuk H., Editor, Springer, Cham, pp.743-750, 2014
- VIII. **Common Applications of Thin Layer Drying Curve Equations and Their Evaluation Criteria**
KÜÇÜK H., KILIÇ A., MİDİLLİ A.
in: Progress in Exergy, Energy, and the Environment, Dincer I., Midilli A., Kucuk H., Editor, Springer, Cham, pp.705-716, 2014
- IX. **Exergetic Performance of a Low Bypass Turbofan Engine at Takeoff Condition**
DINCER I., MİDİLLİ A., KÜÇÜK H.
in: Progress in Exergy, Energy, and the Environment, Dincer I., Midilli A., Kucuk H., Editor, Springer, Newyork, pp.293-303, 2014
- X. **Common Applications of Thin Layer Drying Curve Equations and Their Evaluation Criteria**
KÜÇÜK H., KILIÇ A., MİDİLLİ A.
in: Progress in Exergy Energy and Environment, Dincer, Ibrahim, Midilli, Adnan, Kucuk, Haydar, Editor, Springer, pp.669-680, 2014
- XI. **Entropy Generation of Hydrogen Flowin a Curved Annular Duct**
KÜÇÜK H., AKBULUT U., MIDILLI A.
in: Progress in Sustainable Energy Technologies Vol II, İbrahim Dinçer, Adnan Midilli, Haydar Küçük, Editor, Springer, pp.63-77, 2014
- XII. **A strategicprogram to reduce greenhouse gases emissions produced from foodindustry**
KILIÇ A., KÜÇÜK H., MİDİLLİ A.
in: A Strategic Program to Reduce Greenhouse Gas A Strategic Program to Reduce Greenhouse Gas Emissions from Food Industry, İbrahim Dinçer, Adnan Midilli, Arif Hepbaşlı, Hikmet Karakoç, Editor, Springer, pp.197-210, 2010

Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of Inlet Air Temperature on Exergetic Performance of Hydrogen Production from Car Tires via Plasma Gasification**
DEMİRÇAY H., MEHAN M., TOPAL M. E., KALINCI Y., BAYRAKTAR Ş., AKBULUT U., KÜÇÜK H., OLGUN H., MİDİLLİ A., DİNCER İ.
3rd International Hydrogen Technologies Congress, 15 - 18 March 2018, pp.366-369

- II. **A Parametric Study on Exergetic Performance of Hydropower Integrated Hydrogen Production: A Case Study for East Black-Sea Region of Turkey**
MİDİLLİ A., ÖZSABAN M.
3rd International Hydrogen Technologies Congress, 15 - 18 March 2018
- III. **A Parametric Study on A Run-of-the River Mini Hydropower Plant Integrated Hydrogen Production**
MİDİLLİ A., ÖZSABAN M.
The Second International Hydrogen Technologies Congress, Adana, Turkey, 15 - 18 March 2017, vol.1, pp.312-316
- IV. **An Investigation on Exergetic Performance of Hydrogen Gas Flowing Through the Annular Curved Duct**
MİDİLLİ A., KÜÇÜK H., AKBULUT U.
2nd International Hydrogen Technologies Congress, Adana, Turkey, 15 - 18 March 2017, vol.1, no.1, pp.279-283
- V. **An Investigation on Exergetic Performance of Hydrogen Gas Flowing Through the Annular Curved Duct**
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- VI. **A Parametric Study on A Run-of-the River Mini Hydropower Plant Integrated Hydrogen Production**
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- VII. **A PARAMETRIC STUDY ON EXERGoeconomic ANALYSIS OF HIGH PRESSURE HYDROGEN STORAGE**
ÖZSABAN M., MİDİLLİ A.
2nd INTERNATIONAL CONFERENCE ON ENERGY SYSTEMS - ICES2016, İstanbul, Turkey, 21 - 23 December 2016, pp.462
- VIII. **Exergy based environmental effect of PEM electrolyser integrated hydrogen gas storage system**
ÖZSABAN M., İNAÇ S., MİDİLLİ A.
8th International Exergy, Energy and Environment Symposium (IEEEES-8), Antalya, Turkey, 1 - 04 May 2016, pp.491-495
- IX. **A Study on Single Layer Drying Curve Equations**
KILIÇ A., KÜÇÜK H., MİDİLLİ A.
Sixth International Exergy, Energy and Environment Symposium, Turkey, 1 - 04 July 2013
- X. **YÜKSEK BASINÇLI ÇOK AŞAMALI HİDROJEN SIKIŞTIRMA İŞLEMİNİN PARAMETRİK ARAŞTIRILMASI**
ÖZSABAN M., MİDİLLİ A., DİNCER İ.
8. ULUSAL TEMİZ ENERJİ SEMPOZYUMU, Bursa, Turkey, 1 - 05 December 2010
- XI. **EXERGY ANALYSIS OF A HIGH PRESSURE MULTISTAGE HYDROGEN GAS STORAGE SYSTEM**
ÖZSABAN M., MİDİLLİ A., DİNCER İ.
International Conference on Hydrogen Production (ICH2P-2010) With Emphasis on Storage and Safety, İstanbul, Turkey, 16 - 18 June 2010
- XII. **An Environmental Benign Fish Drying Technique For Better Quality and Sustainability**
KILIÇ A., MİDİLLİ A., DİNCER İ.
Global Conference on Global Warming-2009, İstanbul, Turkey, 5 - 09 July 2009, pp.1235-1248
- XIII. **A Strategic Program to Reduce Greenhouse Gases Emissions Produced from Food Industry**
KILIÇ A., MİDİLLİ A., DİNCER İ.
Global Conference on Global Warming-2008, 6 - 10 July 2008

Other Publications

- I. **Ulusal Hidrojen Teknolojileri Kongresi Bildiriler Kitabı**
DİNCER İ., MİDİLLİ A., KÜÇÜK H.
Other, pp.468, 2016
- II. **Proceeding of the Sixth International Exergy, Energy and Environment Symposium (IEEEES-6)**
MİDİLLİ A., KÜÇÜK H.

Other, pp.1048, 2013

Activities in Scientific Journals

Energy and Power Engineering, Committee Member, 2014 - Continues
Current Advances in Energy Research, Committee Member, 2014 - Continues
International Journal of Exergy, Committee Member, 2013 - Continues
International Journal of Global Warming, Committee Member, 2013 - Continues

Memberships / Tasks in Scientific Organizations

Türkiye Bilimler Akademisi Enerji Çalışma Gurubu, Member, 2017 - Continues
Ulusal Hidrojen Teknolojileri Derneği, Secretary General, 2015 - Continues

Metrics

Publication: 112
Citation (WoS): 4049
Citation (Scopus): 4619
H-Index (WoS): 31
H-Index (Scopus): 31

Awards

MİDİLLİ A., SARES Science Award / Italy, Sustainable Aviation Research Society (SARES), July 2018
MİDİLLİ A., Niğde Üniversitesinde en çok Atıf Alan Bilim İnsanı Ödülü, Niğde Üniversitesi, July 2009
MİDİLLİ A., ODTÜ Genç Araştırma Teşvik Ödülü, ODTÜ Mustafa Parlar Vakfı, July 2006
MİDİLLİ A., TÜBİTAK Genç Biliminsanı Ödülü, TÜBİTAK, August 2005

Non Academic Experience

Other Public Institution, Rize Belediyesi İnovasyon Merkezi
Other Public Institution, Türkiye Bilimler Akademisi
Other, Ulusal Hidrojen Teknolojileri Derneği