

ALI VOLKAN AKKAYA

PROF.

Email : aakkaya@yildiz.edu.tr

Office Phone : [+90 212 383 2786](tel:+902123832786)

Address : Yıldız Teknik Üniversitesi, Makine Mühendisliği
Bölümü, A Blok, Ofis No: 409, Beşiktaş - İstanbul

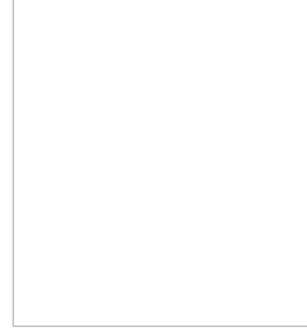
International Researcher IDs

ORCID: 0000-0001-7189-592X

Publons / Web Of Science ResearcherID: AAX-8131-2020

ScopusID: 8319718800

Yoksis Researcher ID: 174336



Academic Titles / Tasks

Professor 2021 - Continues	Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Mechanical Engineering
Associate Professor 2014 - 2021	Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Mechanical Engineering
Assistant Professor 2008 - 2014	Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Mechanical Engineering
Research Assistant PhD 2007 - 2008	Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Mechanical Engineering
Research Assistant 1999 - 2007	Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Mechanical Engineering

Supported Projects

1. AKKAYA A. V., Agbaje M. A., Project Supported by Higher Education Institutions, Tersinir katı oksit hücreli bir sistemin modellenmesi ve analizi, 2021 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Formulating a novel combined equation for coal calorific value estimation by group method data handling type neural network**
AKKAYA A. V., ÇETİN B.
Energy Sources, Part A: Recovery, Utilization and Environmental Effects, vol.46, no.1, pp.15492-15505, 2024 (SCI-Expanded)
2. **Electrochemical-energy- exergy analysis of reversible solid oxide cell-based small-scale stand-alone energy storage system**
Agbaje M. A., Akkaya A. V.
Case Studies in Thermal Engineering, vol.52, 2023 (SCI-Expanded)

3. **Development and performance comparison of optimized machine learning-based regression models for predicting energy-related carbon dioxide emissions**
Koca Akkaya E., AKKAYA A. V.
Environmental science and pollution research international, vol.30, no.58, pp.122381-122392, 2023 (SCI-Expanded)
4. **Examination of Condensation Liquid Formation in Istanbul Natural Gas Distribution Network**
Aytaş E. N., Akkaya A. V.
Separations, vol.10, no.2, 2023 (SCI-Expanded)
5. **Exergoeconomic analysis of a reversible solid oxide cell-based power-To-syngas-To-power system**
Agbaje M. A., AKKAYA A. V.
International Journal of Exergy, vol.41, no.3, pp.312-336, 2023 (SCI-Expanded)
6. **Levelised cost of storage analysis for an energy storage system based on reversible solid oxide cell technology**
Agbaje M. A., AKKAYA A. V.
International Journal of Global Warming, vol.30, no.4, pp.367-385, 2023 (SCI-Expanded)
7. **Coal higher heating value prediction using constituents of proximate analysis: Gaussian process regression model**
AKKAYA A. V.
INTERNATIONAL JOURNAL OF COAL PREPARATION AND UTILIZATION, vol.42, no.7, pp.1952-1967, 2022 (SCI-Expanded)
8. **Explicit equation derivation for predicting coal moisture content in convective drying process by GMDH-type neural network**
Pusat Ş., Akkaya A. V.
INTERNATIONAL JOURNAL OF COAL PREPARATION AND UTILIZATION, vol.42, no.6, pp.1852-1865, 2022 (SCI-Expanded)
9. **Predicting coal elemental components from proximate analysis: Explicit versus implicit nonlinear models**
Akkaya A. V.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.43, no.15, pp.1825-1837, 2021 (SCI-Expanded)
10. **Modifying hydraulic press brake by variable speed drive application: energy saving, CO2 reduction, and economic analysis**
Caliskan O., Akkaya A. V.
Energy Efficiency, vol.13, no.6, pp.1031-1046, 2020 (SCI-Expanded)
11. **Renovating thermal power plant to trigeneration system for district heating/cooling: Evaluation of performance variation**
Erdem H. H., Akkaya A. V., Dagdas A., Sevilgen S. H., Çetin B., Şahin B., Teke I., Gungor C., Atas S., Basak M. Z.
APPLIED THERMAL ENGINEERING, vol.86, pp.35-42, 2015 (SCI-Expanded)
12. **Predicting Coal Heating Values Using Proximate Analysis via a Neural Network Approach**
Akkaya A. V.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.35, pp.253-260, 2013 (SCI-Expanded)
13. **Analysis of a vapour compression refrigeration system via exergetic performance coefficient criterion**
ÜST Y., AKKAYA A. V., SAFA A.
JOURNAL OF THE ENERGY INSTITUTE, vol.84, no.2, pp.66-72, 2011 (SCI-Expanded)
14. **Simulation and hybrid fuzzy-PID control for positioning of a hydraulic system**
Cetin S., AKKAYA A. V.
NONLINEAR DYNAMICS, vol.61, no.3, pp.465-476, 2010 (SCI-Expanded)
15. **Thermodynamic analysis of an existing coal-fired power plant for district heating/cooling application**

- Erdem H. H., Dagdas A., Sevilgen S. H., Çetin B., Akkaya A. V., Şahin B., Teke I., Gungor C., Atas S.
APPLIED THERMAL ENGINEERING, vol.30, pp.181-187, 2010 (SCI-Expanded)
16. **Comparative energetic and exergetic performance analyses for coal-fired thermal power plants in Turkey**
Erdem H. H., Akkaya A. V., Çetin B., Dagdas A., Sevilgen S. H., Şahin B., Teke I., Gungor C., Atas S.
INTERNATIONAL JOURNAL OF THERMAL SCIENCES, vol.48, pp.2179-2186, 2009 (SCI-Expanded)
 17. **Thermodynamic model for exergetic performance of a tubular SOFC module**
AKKAYA A. V., ŞAHİN B., ERDEM H. H.
RENEWABLE ENERGY, vol.34, no.7, pp.1863-1870, 2009 (SCI-Expanded)
 18. **A study on performance of solid oxide fuel cell-organic Rankine cycle combined system**
AKKAYA A. V., ŞAHİN B.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.33, no.6, pp.553-564, 2009 (SCI-Expanded)
 19. **Proximate analysis based multiple regression models for higher heating value estimation of low rank coals**
Akkaya A. V.
FUEL PROCESSING TECHNOLOGY, vol.90, pp.165-170, 2009 (SCI-Expanded)
 20. **An analysis of SOFC/GT CHP system based on exergetic performance criteria**
AKKAYA A. V., ŞAHİN B., ERDEM H. H.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.33, no.10, pp.2566-2577, 2008 (SCI-Expanded)
 21. **Electricity production cost analysis of a combined cycle power plant**
Çetin B., Erdem H. H., Sevilgen S. H., Akkaya A. V.
ENERGY SOURCES PART B-ECONOMICS PLANNING AND POLICY, vol.3, pp.224-232, 2008 (SCI-Expanded)
 22. **Exergetic performance coefficient analysis of a simple fuel cell system**
AKKAYA A. V., ŞAHİN B., ERDEM H. H.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.32, no.17, pp.4600-4609, 2007 (SCI-Expanded)
 23. **Electrochemical model for performance analysis of a tubular SOFC**
Akkaya A. V.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.31, no.1, pp.79-98, 2007 (SCI-Expanded)
 24. **Emission assessment for cogeneration systems**
Erdem H. H., Sevilgen S. H., Akkaya A. V., Cetin B.
ENERGY SOURCES PART B-ECONOMICS PLANNING AND POLICY, vol.2, no.3, pp.267-275, 2007 (SCI-Expanded)
 25. **Effect of bulk modulus on performance of a hydrostatic transmission control system**
Akkaya A. V.
SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, vol.31, pp.543-556, 2006 (SCI-Expanded)
 26. **Effect of economic parameters on power generation expansion planning**
Sevilgen S., Erdem H. H., Cetin B., Akkaya A. V., Dagdas A.
ENERGY CONVERSION AND MANAGEMENT, vol.46, pp.1780-1789, 2005 (SCI-Expanded)

Articles Published in Other Journals

1. **GMDH-type neural network based monthly electricity demand forecasting of Turkey**
Akkaya A. V.
International Advanced Researches and Engineering Journal, vol.5, no.1, pp.53-60, 2021 (Peer-Reviewed Journal)
2. **PERFORMANCE ANALYZING OF AN ORGANIC RANKINE CYCLE UNDER DIFFERENT AMBIENT CONDITIONS**
Akkaya A. V.
JOURNAL OF THERMAL ENGINEERING, vol.3, no.5, pp.1498-1504, 2017 (ESCI)
3. **Neural network approach for performance prediction of a solid oxide fuel cell**
Akkaya A. V.
Technology, vol.12, no.3, pp.211-216, 2009 (Peer-Reviewed Journal)

4. **Gaz türbinli kombine çevrim sisteminin termodinamik optimizasyonu**
Çetin B., Erdem H. H., Sevilgen S. H., Gökçek M., Akkaya A. V.
Sigma-Mühendislik ve Fen Bilimleri Dergisi, vol.2, no.2, pp.50-62, 2006 (Peer-Reviewed Journal)
5. **Simulink kullanarak bir pnömatik sistemin simülasyonu**
Akkaya A. V., Sevilgen S. H., Erdem H. H., Çetin B.
Doğuş Üniversitesi Dergisi, no.6, pp.155-162, 2005 (Peer-Reviewed Journal)
6. **Gaz türbinlerinin kısmi yüklerdeki birim elektrik üretim maliyetinin analizi**
Erdem H. H., Sevilgen S. H., Akkaya A. V., Çetin B.
Sigma-Mühendislik ve Fen Bilimleri Dergisi, no.1, pp.123-132, 2005 (Peer-Reviewed Journal)
7. **Taşıt süspansiyon sisteminin kendini ayarlayabilen bulanık mantık ile kontrolü**
Akkaya A. V., Sağırılı A., Boğoçlu M.
Sigma- Mühendislik ve Fen Bilimleri Dergisi, no.2, pp.82-91, 2004 (Peer-Reviewed Journal)
8. **Kojenerasyon sistemlerindeki yakıt fiyatlarının ve birim yakıt maliyetlerinin analizi**
Erdem H. H., Sevilgen S. H., Çetin B., Akkaya A. V.
Sigma-Mühendislik ve Fen Bilimleri Dergisi, no.1, pp.128-138, 2004 (Peer-Reviewed Journal)
9. **Hidrolik Güç Sistemlerinde Kavite Olayı ve Saptama Metotlarının İncelenmesi**
Öztürk R., Akkaya A. V., Bayraktar S.
Hidrolik ve Pnömatik Dergisi, vol.3, no.8, pp.140-146, 2003 (Peer-Reviewed Journal)
10. **Bir hidrolik sistemin dinamik davranışlarının benzetimi**
Akkaya A. V., Öztürk R.
Yıldız Teknik Üniversitesi Dergisi, no.3, pp.67-74, 2002 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

1. **Waste Heat Recovery From Blast Furnace Slag with Supercritical CO2 Power Cycles and Thermo-Economic Analysis**
Bektaş A. C., Akkaya A. V.
9th Global Congress on Renewable Energy and Environment (ESWAE-2021), Girne, Cyprus (Kktc), 8 - 10 July 2021, vol.1, pp.1
2. **Electrochemical, energy and exergy-based performance assessment of a reversible solid oxide cell stack**
Agbaje M. A., Akkaya A. V.
5th INTERNATIONAL CONGRESS ON ENGINEERING AND TECHNOLOGY MANAGEMENT, İstanbul, Turkey, 24 - 25 April 2021, pp.1
3. **Zero dimensional modelling and analysis of a reversible solid oxide cell system for electrical energy storage**
Agbaje M. A., Akkaya A. V.
Internal Conference on Energy, Environment and Storage of Energy Symposium, Kayseri, Turkey, 19 - 21 November 2020, pp.1-12
4. **Kömür Yakıtlı Termik Santrallerde Kömür Kurutma**
Pusat Ş., Erdem H. H., Akkaya A. V.
Elektrik İletim ve Üretiminde Enerji Verimliliği Sempozyumu, Ankara, Turkey, 24 February 2020, pp.27-28
5. **Dynamic Performance of a Hydraulic System Driven By a Variable Speed AC Electric Motor with Electro-Hydraulic Load Sensing**
Kandeniz A., Bayraktar M., Akkaya A. V.
International Symposium For Environmental Science and Engineering Research (ISESER 2019), Konya, Turkey, 25 - 27 May 2019, pp.94-100
6. **Simple Use of Symbolic Regression Via Genetic Programming in the Prediction of Wind Speed**
Pusat Ş., Akkoyunlu M. T., Akkaya A. V.
XIII Balkan Conference on Operational Research , Belgrade, Serbia, 25 - 28 May 2018, pp.21

7. **Experimental investigation of energy consumption for a hydraulic system driven by fixed and variable speed**
Çalışkan O., Akkaya A. V.
International Conference on Advances in Mechanical Engineering, İstanbul, Turkey, 19 - 21 December 2017, pp.279-285
8. **Random Forest based Estimation Model for Coal Elemental Components**
Akkaya A. V.
International Conference on Energy and Thermal Engineering, İstanbul, Turkey, 25 - 28 April 2017, pp.504-508
9. **Modeling and simulation of coal fired supercritical power plant**
Akkaya A. V.
International Conference on Energy and Thermal Engineering, İstanbul, Turkey, 25 - 28 April 2017, pp.333
10. **Bir termik santraldeki çapraz akışlı cebri sirkülayonlu soğutma kulesinin analizi**
Akkaya A. V.
3. ANADOLU ENERJİ SEMPOZYUMU, Muğla, Turkey, 1 - 03 October 2015, pp.506-515
11. **Development of Anfis based prediction model for coal heating value**
Akkaya A. V., Şaban T., Abdullah D.
International Congress on Natural and Engineering Sciences, Sarajevo, Bosnia And Herzegovina, 9 - 13 September 2015, pp.6
12. **Design and feasibility study for a manure based biogas power generation system**
Şenakın H., Ceren M. K., Akkaya A. V.
International Conference on Advance in Mechanical Engineering, İstanbul, Turkey, 13 - 15 May 2015, pp.674-682
13. **Bir biyokütle gazlaştırıcının termodinamik modeli, simülasyonu ve analizi**
İzgi B., Akkaya A. V.
2. Anadolu Enerji Sempozyumu, Diyarbakır, Turkey, 2 - 04 May 2013, pp.589-598
14. **Performance analysis of an Organic Rankine Cycle recovering waste gas heat**
AKKAYA A. V., PUSAT Ş., zahid başak m.
10th International Conference on Clean Energy (ICCE 2010), Famagusta, Cyprus (Kktc), 15 - 17 September 2010, pp.1-7
15. **Katı Atık Depo Saha Gazını Kullanarak Elektrik Üreten Sistemlerin Ekonomik Analizi**
Akkaya A. V., Akkaya E.
AB Sürecinde Türkiye’de Katı Atık Yönetimi ve Çevre Sorunları Sempozyumu, İstanbul, Turkey, 28 - 31 May 2008, pp.1-8
16. **Modeling and simulation of hydrogen fed SOFC-GT hybrid system**
Akkaya A. V.
The 2nd International Hydrogen Energy Congress and Exhibition Proceedings, İstanbul, Turkey, 13 - 15 July 2007, pp.1-7
17. **Kızgın Buhar Basıncı ve Sıcaklığının Kombine Çevrim Performansına Etkisi**
Çetin B., Erdem H. H., Sevilgen S. H., Akkaya A. V., Gökçek M.
12. Uluslararası Kojenerasyon, Kombine Çevrim ve Çevre Konferansı ve Sergisi, İstanbul, Turkey, 25 - 26 May 2006, pp.141
18. **A parametric study for analysis of combined cycle system performance**
Çetin B., Erdem H., Sevilgen S., Akkaya A. V.
1st International Symposium and Exhibition on Environment-Friendly Energy Sources and Technologies, İzmir, Turkey, 5 - 07 September 2005, pp.33-37
19. **Self tuning fuzzy logic control of a hydraulically actuating system**
Akkaya A. V., Çetin Ş.
2nd International Conference on Intelligent Knowledge Systems, İstanbul, Turkey, 6 - 08 July 2005, pp.154-158
20. **Determining operating conditions of integrated gas turbine-geothermal power plant with exergy analysis**
Erdem H. H., Akkaya A. V., Dağdaş A., Sevilgen S., Çetin B.
The Second International Exergy, Energy and Environment Symposium, Athens, Greece, 03 July 2005 - 07 July

2019, pp.1-6

21. **Gaz Türbinlerinde Evaporatif Soğutmanın Ekonomik Analizi**
Erdem H. H., Sevilgen S. H., Çetin B., Akkaya A. V.
11. Uluslararası Kojenerasyon, Kombine Çevrim ve Çevre Konferansı ve Sergisi, İstanbul, Turkey, 26 - 27 May 2005, pp.158
22. **Comparative economic analysis between fuel cell and conventional power plants**
Akkaya A. V., Sevilgen S., Erdem H. H., Çetin B., Dağdaş A.
Second International Conference on Applied Thermodynamics, İstanbul, Turkey, 18 - 20 May 2005, pp.559-565
23. **The performance analysis of integrated gas turbine-geothermal power plant with respect to ambient temperature**
Erdem H. H., Çetin B., Dağdaş A., Akkaya A. V., Sevilgen S.
Second International Conference on Applied Thermodynamics, İstanbul, Turkey, 18 - 20 May 2005, pp.493-500
24. **Comparison cogeneration system with conventional power plants and evaluation of their environmental impacts**
Sevilgen S. H., Erdem H. H., Akkaya A. V., Çetin B.
the First International Exergy, Energy and Environment Symposium, İzmir, Turkey, 13 - 17 July 2003, pp.1047-1051
25. **The analysis of product costs of cogeneration system**
Erdem H. H., Sevilgen S., Çetin B., Akkaya A. V.
The First Cappadocia International Mechanical Engineering Symposium, Nevşehir, Turkey, 14 - 16 July 2004, pp.121-127
26. **Bir Hidrolik Sistemin Yapay Sinir Ağları Temelli Konum Kontrolü**
Mercimek M., Akkaya A. V.
Akıllı Sistemlerde Yenilikler ve Uygulamaları , İstanbul, Turkey, 23 June 2004 - 25 June 2005, pp.175-178
27. **Bir Doğrusal Hidrolik Hareketlendirici Sistemin Bulanık Mantık Yaklaşımıyla Konum Kontrolü**
Akkaya A. V., Çetin Ş.
III.Ulusal Hidrolik Pnömatik Kongresi ve Sergisi, İzmir, Turkey, 4 - 07 December 2003, pp.81-87
28. **Kojenerasyon Sistemlerinin Yakıt Fiyatlarına Duyarlılığının Analizi**
Erdem H. H., Sevilgen S. H., Çetin B., Akkaya A. V., Dağdaş A.
14. Ulusal Isı Bilimi ve Tekniği Kongresi, Isparta, Turkey, 3 - 05 September 2003, pp.123-128
29. **Kojenerasyon ile Yenilenebilir Enerji Sistemlerinin Yeni Bir Yaklaşım ile Çevresel Açından Karşılaştırılması**
Erdem H. H., Akkaya A. V., Sevilgen S. H., Çetin B., Dağdaş A.
14. Ulusal Isı Bilimi ve Tekniği Kongresi, Isparta, Turkey, 3 - 05 September 2003, pp.129-133
30. **Basit Brayton Çevriminin Ekserji Kayıp Oranına Göre Analizi**
Sevilgen S. H., Erdem H. H., Akkaya A. V., Çetin B., Dağdaş A.
14. Ulusal Isı Bilimi ve Tekniği Kongresi, Isparta, Turkey, 3 - 05 September 2003, pp.139-142
31. **İzmir-Seferihisar Jeotermal Sahasının Binary Teknolojiyle Elektrik Üretim Potansiyeli**
Dağdaş A., Erdem H. H., Sevilgen S. H., Çetin B., Akkaya A. V.
14. Ulusal Isı Bilimi ve Tekniği Kongresi, Isparta, Turkey, 3 - 05 September 2003, pp.134-138
32. **Gaz Türbinli Sistemlerde Giriş Şartlarının Performansa Etkisi**
Erdem H. H., Sevilgen S. H., Akkaya A. V., Çetin B., Dağdaş A.
14. Ulusal Isı Bilimi ve Tekniği Kongresi, Isparta, Turkey, 3 - 05 September 2003, pp.116-122
33. **Yenilenebilir Enerji Kaynaklarının Çevresel Açından Değerlendirilmesi**
Akkaya A. V., Akkaya E., Dağdaş A.
IV. Ulusal Temiz Enerji Sempozyumu, İstanbul, Turkey, 16 - 18 October 2002, vol.2, pp.37-44
34. **Jeotermal Enerjiden Yararlanmanın Çevresel Avantajları**
Dağdaş A., Akkaya A. V.
IV. Ulusal Temiz Enerji Sempozyumu, İstanbul, Turkey, 16 - 18 October 2002, pp.687-694
35. **Farklı Valf Sürgü Yapıları İçin Temel Hidrolik Güç İletim Sisteminin Dinamik Karakteristiklerinin Analizi**

Academic and Administrative Experience

2018 - Continues	Staj Komisyonu Enerji Dalı Başkanı	Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Mechanical Engineering
------------------	---	---

Courses

Yakıt Pili ve Hidrojen Teknolojileri, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019
Mühendislik Ekonomisi ve Değer Yönetimi, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
Turbo Makinalar, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
Turbo Makinalar, Undergraduate, 2013 - 2014, 2012 - 2013, 2010 - 2011
Teknik Termodinamik 2, Undergraduate, 2013 - 2014
Teknik Termodinamik 1, Undergraduate, 2013 - 2014
Hidrolik Pnömatik, Undergraduate, 2012 - 2013
Sayısal Yöntemler, Undergraduate, 2010 - 2011, 2009 - 2010, 2008 - 2009
Termik Makine (Turbo), Undergraduate, 2010 - 2011
Gemi Makinaları 1, Undergraduate, 2010 - 2011, 2009 - 2010
Enerji Santralleri, Undergraduate, 2009 - 2010
Temel Bilgisayar Bilimleri (M), Undergraduate, 2010 - 2011, 2009 - 2010, 2008 - 2009
Makine Mühendisliğine Giriş, Undergraduate, 2010 - 2011, 2009 - 2010
Endüstri Tesislerinde Enerji Ekonomisi, Postgraduate, 2009 - 2010
Hidrolik-Pnömatik Sistemler, Associate Degree, 2008 - 2009

Scientific Refereeing

INTERNATIONAL JOURNAL OF COAL PREPARATION AND UTILIZATION, Journal Indexed in SCI-E, February 2020
INTERNATIONAL JOURNAL OF OIL GAS AND COAL TECHNOLOGY, Journal Indexed in SCI-E, August 2017
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, Journal Indexed in SCI-E, July 2017
JOURNAL OF THERMAL ENGINEERING, National Scientific Refreed Journal, July 2017
ENERGY, Journal Indexed in SCI-E, July 2017
ENERGY CONVERSION AND MANAGEMENT, Journal Indexed in SCI-E, July 2017
FUEL, Journal Indexed in SCI-E, June 2017
ENERGY, Journal Indexed in SCI-E, June 2017
ENERGY, Journal Indexed in SCI-E, June 2017
ENERGY, Journal Indexed in SCI-E, June 2017
FUEL, Journal Indexed in SCI-E, June 2017
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, Journal Indexed in SCI-E, June 2017
ENERGY CONVERSION AND MANAGEMENT, Journal Indexed in SCI-E, April 2017
ENERGY, Journal Indexed in SCI-E, April 2017
ENERGY, Journal Indexed in SCI-E, February 2017
ENERGY, Journal Indexed in SCI-E, February 2017
ENERGY, Journal Indexed in SCI-E, February 2017
ENERGY, Journal Indexed in SCI-E, January 2017

ENERGY, Journal Indexed in SCI-E, January 2017
DİCLE ÜNİVERSİTESİ MÜHENDİSLİK FAKÜLTESİ, National Scientific Refreed Journal, January 2017
ENERGY, Journal Indexed in SCI-E, January 2017
ENERGY, Journal Indexed in SCI-E, January 2017
RENEWABLE ENERGY, Journal Indexed in SCI-E, January 2017
FUEL, Journal Indexed in SCI-E, December 2016
FİRAT ÜNİVERSİTESİ MÜHENDİSLİK BİLİMLERİ DERGİSİ, National Scientific Refreed Journal, August 2016
ENERGY, Journal Indexed in SCI-E, January 2016
ENERGY, Journal Indexed in SCI-E, November 2015
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, Journal Indexed in SCI-E, September 2015
Sigma Journal of Engineering and Natural Sciences, Journal Indexed in ESCI, July 2014
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, Journal Indexed in SCI-E, April 2014
INTERNATIONAL JOURNAL OF EXERGY, Journal Indexed in SCI-E, October 2010
ENERGY, Journal Indexed in SCI-E, October 2010
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, Journal Indexed in SCI-E, October 2010
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, Journal Indexed in SCI-E, October 2010
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, Journal Indexed in SCI-E, July 2010
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, Journal Indexed in SCI-E, May 2010
INTERNATIONAL JOURNAL OF SUSTAINABLE ENERGY, Journal Indexed in SCI-E, May 2010
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, Journal Indexed in SCI-E, April 2010
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, Journal Indexed in SCI-E, April 2010
ENERGY, Journal Indexed in SCI-E, April 2010
ENERGIES, Journal Indexed in SCI-E, December 2009
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, Journal Indexed in SCI-E, November 2009
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, Journal Indexed in SCI-E, October 2009
FUEL PROCESSING TECHNOLOGY, Journal Indexed in SCI-E, October 2009
Energy, Journal Indexed in SCI-E, September 2009
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, Journal Indexed in SCI-E, June 2009
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, Journal Indexed in SCI-E, December 2008
JOURNAL OF FUEL CELL SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, May 2008
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, Journal Indexed in SCI-E, May 2008
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, Journal Indexed in SCI-E, October 2007
International Journal Of Hydrogen Energy, Journal Indexed in SCI-E, April 2007

Metrics

Publication: 73
Citation (WoS): 873
Citation (Scopus): 1086
H-Index (WoS): 13
H-Index (Scopus): 14

Research Areas

Energy, Conventional Energy Systems and Their Technology, Alternative Energy Resources, Hydrogen Technologies and Fuel Cells

Non Academic Experience

Lehigh University, Energy Research Center