

Assoc. Prof. MUSTAFA UMUT KARAOĞLAN

Personal Information

Email: mustafa.karaoglan@deu.edu.tr

Web: <https://avesis.deu.edu.tr/mustafa.karaoglan>

International Researcher IDs

ScholarID: RpANAGQAAAAJ

ORCID: 0000-0002-3780-3451

Publons / Web Of Science ResearcherID: AEJ-9250-2022

ScopusID: 57202014020

Yoksis Researcher ID: 116484

Education Information

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Konstrüksiyon-İmalat (Dr), Turkey 2014 - 2019

Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Konstrüksiyon-İmalat (YI) (Tezli), Turkey 2012 - 2014

Undergraduate, Yildiz Technical University, Faculty Of Mechanical Engineering, Makine Mühendisliği Bölümü, Turkey 2006 - 2011

Foreign Languages

English, C2 Mastery

Certificates, Courses and Trainings

Technology Foresight and Forecasting, GHOST Senaryo Geliştirme Eğitimi, Savunma Sanayii Başkanlığı, 2023

Dissertations

Doctorate, YAKIT HÜCRELİ ARAÇ TAHRİK SİSTEMİ TASARIMI VE SİMÜLASYONU, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Konstrüksiyon-İmalat (Dr), 2019

Postgraduate, Elektrik tahrikli bir binek otomobilin tahrik sisteminin matematiksel modellenmesi ve simülasyonu, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Konstrüksiyon-İmalat (YI) (Tezli), 2014

Research Areas

Energy storage technologies, Hydrogen Technologies and Fuel Cells, Vehicle Systems Dynamics, Fuels and Combustion, Internal Combustion Engines

Academic Titles / Tasks

Associate Professor, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2022 - Continues

Assistant Professor, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2021 - 2022
Research Assistant, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2012 - 2021

Academic and Administrative Experience

Deputy Director of the Center, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2024 - Continues

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2022 - Continues

Erasmus Program Department Coordinator, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2021 - Continues

Internship Committee Member, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2014 - Continues

Courses

Motorlu Taşıtlarda Hibrit Tahrik, Postgraduate, 2023 - 2024, 2021 - 2022

HYBRID AND ELECTRIC VEHICLE TECHNOLOGY, Undergraduate, 2023 - 2024, 2022 - 2023

BİTİRME PROJESİ, Undergraduate, 2023 - 2024, 2022 - 2023

Teknik Resim 2, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

HYBRID AND ELECTRIC VEHICLE TECHNOLOGY, Undergraduate, 2023 - 2024, 2022 - 2023

Motorlar , Undergraduate, 2023 - 2024, 2022 - 2023

Motorlar, Undergraduate, 2023 - 2024, 2022 - 2023

ARAŞTIRMA PROJESİ, Undergraduate, 2023 - 2024, 2022 - 2023

Teknik Resim 1, Undergraduate, 2023 - 2024, 2022 - 2023

Çarpışma Mekaniği ve Trafik Kazalarının Rekonstrüksiyonu, Postgraduate, 2023 - 2024

Bilgisayar Programlama, Undergraduate, 2021 - 2022

Teknik Resim, Undergraduate, 2022 - 2023

Teknik Resim 2 , Undergraduate, 2021 - 2022

Teknik Resim I, Undergraduate, 2022 - 2023

Bilgisayar Programlama, Undergraduate, 2021 - 2022

Teknik Resim, Undergraduate, 2020 - 2021

Temel Bilgi Teknolojileri, Undergraduate, 2020 - 2021, 2019 - 2020

Teknik Resim 2, Undergraduate, 2019 - 2020

Bilgisayar Programlama, Undergraduate, 2019 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigation of drive cycle simulation performance for electric, hybrid, and fuel cell powertrains of a small-sized vehicle**
Alpaslan E., Karaoğlan M. U., Çolpan C. Ö.
International Journal of Hydrogen Energy, vol.48, no.99, pp.39497-39513, 2023 (SCI-Expanded)
- II. **Investigation of the Effects of Transmission Layout on Powertrain Efficiency, Performance, and Exhaust Emissions in Parallel Hybrid Vehicles**
Karaoğlan M. U.
JOURNAL OF ENERGY RESOURCES TECHNOLOGY, TRANSACTIONS OF THE ASME, vol.145, no.10, pp.1017011-10170113, 2023 (SCI-Expanded)
- III. **A Comparison of the Effects of Sodium Borohydride-Based Hydrogen Storage System and**

Compressed Hydrogen Storage Tank on the Fuel Cell Vehicle Performance

Alpaydin C. Y., ÇOLPAN C. Ö., KARAOĞLAN M. U., KARAHAN GÜLBAY S.

JOURNAL OF ENERGY RESOURCES TECHNOLOGY-TRANSACTIONS OF THE ASME, vol.143, no.12, 2021 (SCI-Expanded)

- IV. **A review on fuel cell electric vehicle powertrain modeling and simulation**
Alpaslan E., Cetinkaya S. A., Alpaydin C. Y., Korkmaz S. A., Karaoğlan M. U., Çolpan C. Ö., Erginer K. E., Gören A.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, 2021 (SCI-Expanded)
- V. **Architecture design and performance analysis of a hybrid hydrogen fuel cell system for unmanned aerial vehicle**
Ozbek E., YALIN G., KARAOĞLAN M. U., Ekici S., ÇOLPAN C. Ö., Karakoc T. H.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.46, no.30, pp.16453-16464, 2021 (SCI-Expanded)
- VI. **Comparison of single-cell testing, short-stack testing and mathematical modeling methods for a direct methanol fuel cell**
KARAOĞLAN M. U., Ince A. C., Glusen A., ÇOLPAN C. Ö., Mueller M., Stolten D., Kuralay N. S.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.46, no.6, pp.4844-4856, 2021 (SCI-Expanded)
- VII. **Drive cycle performance analysis for various powertrain alternatives of zero-emission battery electric military vehicles**
KARAOĞLAN M. U.
INTERNATIONAL JOURNAL OF GLOBAL WARMING, vol.25, no.3-4, pp.482-497, 2021 (SCI-Expanded)
- VIII. **A study on determination of component sizing capacity for range performance, cost and CO₂ production of an extended-range electric vehicle**
KARAOĞLAN M. U., Kuralay N. S., ÇOLPAN C. Ö.
INTERNATIONAL JOURNAL OF GLOBAL WARMING, vol.24, pp.326-341, 2021 (SCI-Expanded)
- IX. **Simulation of a hybrid vehicle powertrain having direct methanol fuel cell system through a semi-theoretical approach**
KARAOĞLAN M. U., Ince A. C., ÇOLPAN C. Ö., Glusen A., Kuralay N. S., Mueller M., Stolten D.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.44, no.34, pp.18981-18992, 2019 (SCI-Expanded)
- X. **Semiempirical thermodynamic modeling of a direct methanol fuel cell system**
Ince A. C., KARAOĞLAN M. U., Glusen A., ÇOLPAN C. Ö., Mueller M., Stolten D.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.43, no.8, pp.3601-3615, 2019 (SCI-Expanded)
- XI. **The effect of gear ratios on the exhaust emissions and fuel consumption of a parallel hybrid vehicle powertrain**
KARAOĞLAN M. U., Kuralay N. S., ÇOLPAN C. Ö.
JOURNAL OF CLEANER PRODUCTION, vol.210, pp.1033-1041, 2019 (SCI-Expanded)
- XII. **Investigation of the effects of battery types and power management algorithms on drive cycle simulation for a range-extended electric vehicle powertrain**
KARAOĞLAN M. U., Kuralay N. S., ÇOLPAN C. Ö.
INTERNATIONAL JOURNAL OF GREEN ENERGY, vol.16, no.1, pp.1-11, 2019 (SCI-Expanded)
- XIII. **Determination of dynamic axle load using suspension deflection method for the load distribution optimisation of multi-axle vehicles**
KARAOĞLAN M. U., Kuralay N. S.
INTERNATIONAL JOURNAL OF VEHICLE DESIGN, vol.80, pp.89-102, 2019 (SCI-Expanded)
- XIV. **Simulation of 8x8 Heavy Duty Truck for Evaluating Effects of Torque Converter Characteristics on Vehicle Performance**
KARAOĞLAN M. U., Vatansever Y., Kuralay N. S.
MECHANIKA, vol.24, no.2, pp.232-239, 2018 (SCI-Expanded)

Articles Published in Other Journals

- I. **Kinematic Analysis of Three-Joint Moment Transmission Performance in Vehicles**

Karaođlan M. U., KURALAY N. S.

Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.26, no.76, pp.22-27, 2024 (Peer-Reviewed Journal)

II. Taşıtlarda Üç Mafsallı Moment İletim Performansının Kinematik Analizi

KARAOĐLAN M. U., KURALAY N. S.

Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.26, no.76, pp.22-27, 2024 (Peer-Reviewed Journal)

III. Investigation of The Effects of Gearbox Layout on Vehicle Performance and Component Efficiency at Parallel Hybrid Vehicles by Drive Cycle Simulation

KARAOĐLAN M. U.

Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.25, no.74, pp.381-393, 2023 (Peer-Reviewed Journal)

IV. Drive Cycle Simulations of Wheeled and Tracked Heavy-Duty Electric Vehicle Powertrains

Alpaslan E., KARAOĐLAN M. U., ÇOLPAN C. Ö.

Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.23, no.69, pp.913-922, 2021 (Peer-Reviewed Journal)

V. Özel Maksatlı Bir Ağır Hizmet Aracı için Kabin Darbe Test Düzeneđinin Tasarımı ve Uygulanması

ÇAPAR G., KURALAY N. S., KARAOĐLAN M. U.

Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.22, no.65, pp.611-618, 2020 (Peer-Reviewed Journal)

VI. 8x8 Ağır Hizmet Aracı Fren Sistemi Tasarım, Hesaplama ve Uygulama Örneđi

VATANSEVER Y., KURALAY N. S., KARAOĐLAN M. U.

Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.21, no.62, pp.621-632, 2019 (Peer-Reviewed Journal)

VII. Ağır Taşıtlar İçin Çok Katlı Konvansiyonel Yaprak Yay Yerine Tek Katlı Parabolik Yaprak Yay Tasarımı ve Analizi

ONUR K., KURALAY N. S., KARAOĐLAN M. U.

Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.20, no.59, pp.481-491, 2018 (Peer-Reviewed Journal)

VIII. Taşıt Kavraması Çeyrek Modelinin Sonlu Elemanlar Yöntemi Kullanılarak Yapısal Davranışının Belirlenmesi

KARAOĐLAN M. U., ÇAPAR G., KAYNAK Z. C., KURALAY N. S.

Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.19, no.57, pp.878-887, 2017 (Peer-Reviewed Journal)

IX. HAFİF HİZMET ARACI ŞAŞI ANALİZİ VE OPTİMİZASYONU

KARAOĐLAN M. U., TURNALI Ö. Y., KURALAY N. S.

Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.18, no.54, pp.502-512, 2016 (Peer-Reviewed Journal)

X. PEM YAKIT HÜCREŞİ MODELİ

KARAOĐLAN M. U., KURALAY N. S.

Mühendis ve Makina, vol.55, no.657, pp.51-58, 2014 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Enhancing Electric Vehicle Performance: Optimizing Battery Thermal Management With Cold Plate Technology

Tekin V., Karakor A., Korkmaz S. A., Çolpan C. Ö., Ezan M. A., Erek A., Karaođlan M. U.

37th International Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of Energy Systems (ECOS2024), Rodos, Greece, 30 June - 05 July 2024, pp.1-10

II. Parametric Investigation of Immersion Type Thermal Management System of Li Ion Pouch Battery

Module

KARAKOR A., Tekin V., KORKMAZ S. A., ÇOLPAN C. Ö., EZAN M. A., KARAOĞLAN M. U., YURDDAŞ A.
37th International Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of Energy Systems (ECOS2024), Rodos, Greece, 30 June - 05 July 2024

- III. **Analysis of Thermally Coupled Fuel Cell and Metal Hydride Hydrogen Storage Tank System for Lightweight Vehicles**
Çetinkaya S. A., EZAN M. A., KARAOĞLAN M. U., ÇOLPAN C. Ö.
14th International Exergy, Energy and Environment Symposium (IEEES-14), İstanbul, Turkey, 24 - 27 December 2023
- IV. **TEMPERATURE CHANGE OF A VEHICLE BATTERY DURING THE DRIVING CYCLE**
Ünüştü K. O., Küçüka M. S., Karaoğlan M. U., Çolpan C. Ö.
11th Global Conference on Global Warming, İstanbul, Turkey, 14 - 16 June 2023, pp.38-42
- V. **Design and analysis of battery cooling with cold plate for electric vehicles**
Alpaslan E., Baytok Y. M., KARAOĞLAN M. U., ÇOLPAN C. Ö., EREK A.
10th Global Conference on Global Warming (GCGW), Sharjah, United Arab Emirates, 07 November 2022, pp.110
- VI. **DRIVE CYCLE SIMULATION OF A SMALL-SIZED FUEL CELL ELECTRIC VEHICLE**
Alpaslan E., Karaoğlan M. U., Çolpan C. Ö.
23rd World Hydrogen Energy Conference, İstanbul, Turkey, 26 - 30 June 2022, pp.1341-1343
- VII. **Kardan Mafsallı Taşıt Hareket İletim Test Düzeneği Tasarımı ve Deneysel Olarak İncelenmesi**
Karaoğlan M. U., Karasu H. F.
Euroasia 6th International Congress on Applied Sciences, Tbilisi, Georgia, 9 - 10 July 2022
- VIII. **KARDAN MAFSALLI TAŞIT HAREKET İLETİM TEST DÜZENEĞİ TASARIMI VE DENEYSEL OLARAK İNCELENMESİ**
KARAOĞLAN M. U., KARASU H. F.
AVRASYA 6th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Tiflis, Georgia, 9 - 10 July 2022, pp.1
- IX. **DRIVE CYCLE SIMULATION OF A FUEL CELL HYBRID ELECTRIC HEAVY VEHICLE EQUIPPED WITH A BATTERY AND AN INTERNAL COMBUSTION ENGINE**
Alpaslan E., ÇOLPAN C. Ö., KARAOĞLAN M. U.
9th Global Conference on Global Warming (GCGW-2021), Croatia, 1 - 04 August 2021, pp.216-219
- X. **Simulation of Heavy Duty Electric Vehicle Powertrain with Wheeled and Half Tracked Alternatives**
KARAOĞLAN M. U.
12th International Exergy, Energy and Environment Symposium (IEEES-12), Doha, Qatar, 20 - 24 December 2020, pp.608-611
- XI. **Powertrain Analysis of Heavy Duty Electric Vehicle with Wheeled and Tracked Alternatives**
Alpaslan E., ÇOLPAN C. Ö., KARAOĞLAN M. U.
12th International Exergy, Energy and Environment Symposium (IEEES-12), Doha, Qatar, 20 - 24 December 2020
- XII. **DESIGN AND SIMULATION OF N1 CLASS RANGE EXTENDEDELECTRIC ROAD CLEANER VEHICLE**
KARAOĞLAN M. U., Namlı H., ÇOLPAN C. Ö., KURALAY N. S.
8th Global Conference on Global Warming, Doha, Qatar, 22 - 25 April 2019, pp.340-343
- XIII. **Comparison of DMFC Performance Through Different Approaches**
KARAOĞLAN M. U., Ince A. C., Glüsen A., ÇOLPAN C. Ö., Müller M., Stolten D., KURALAY N. S.
8th Global Conference on Global Warming, Doha, Qatar, 22 - 25 April 2019, pp.344-347
- XIV. **COMPUTER AIDED DESIGN OF AN ARMORED VEHICLE STEERING SYSTEM WITH INDEPENDENT SUSPENSION**
Uysal S., KURALAY N. S., KARAOĞLAN M. U.
International Conference on Technology, Engineering and Science (IConTES), Antalya, Turkey, 26 - 29 October 2018, pp.42
- XV. **YOL DIŞI (OFF-ROAD) ARAÇ İÇİN ÇİFT ENİNE YÖN VERİCİLİ BAĞIMSIZ ASKI SİSTEMİNİN TASARIMI VE ANALİZİ**
Balkan G., KURALAY N. S., KARAOĞLAN M. U.
18. Uluslararası Makina Tasarım ve İmalat Kongresi, Eskişehir, Turkey, 3 - 06 July 2018, pp.107

- XVI. **DESIGNING A SIMULATION METHOD FOR FUEL CELL HYBRID POWERTRAIN SYSTEMS IN MATLAB/SIMULINK ENVIRONMENT**
KARAOĞLAN M. U., KURALAY N. S., ÇOLPAN C. Ö.
4TH INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES, Kiev, Ukraine, 2 - 06 May 2018, pp.80
- XVII. **COMPARISON OF NUMERICAL CALCULATION AND FINITE ELEMENT ANALYSIS FOR THE DIAPHRAGM SPRING OF A DRY CLUTCH**
AKBULUT S., KURALAY N. S., KARAOĞLAN M. U.
4TH INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES, Kiev, Ukraine, 2 - 06 May 2018, pp.81
- XVIII. **SYSTEM SIMULATON OF A PARALLEL HYBRID VEHICLE POWERTRAIN FOR THE EFFECTS OF GEAR RATIOS ON EXHAUST EMISSIONS AND FUEL CONSUMPTION**
KARAOĞLAN M. U., KURALAY N. S., ÇOLPAN C. Ö.
7th GLOBAL CONFERENCEon GLOBAL WARMING, İzmir, Turkey, 24 - 28 June 2018, pp.844-847
- XIX. **Quasistatic Model Based Analysis of Direct Methanol Fuel Cell System for Hybrid Vehicular Applications**
KARAOĞLAN M. U., Ince A. C., ÇOLPAN C. Ö., KURALAY N. S.
3rd International Hydrogen Technologies Congress, Turkey, 15 - 18 March 2018
- XX. **FINITE ELEMENT ANALYSIS OF AUTOMOTIVE CLUTCH DISC AND CUSHION SPRING**
KARAOĞLAN M. U., ÇELİK A., KURALAY N. S.
Uluslararası Mühendislik Araştırmaları Sempozyumu (UMAS'2017), Düzce, Turkey, 11 - 13 September 2017, pp.186-187
- XXI. **A SIMULATION METHOD FOR ELECTRIC VEHICLE POWERTRAIN**
KARAOĞLAN M. U., KURALAY N. S.
Uluslararası Mühendislik Araştırmaları Sempozyumu (UMAS'2017), Düzce, Turkey, 11 - 13 September 2017, pp.188-189
- XXII. **STRUCTURAL ANALYSES OF AN AUTOMOTIVE DRY CLUTCH WITH QUARTER ASSEMBLY MODEL APPROACH**
KARAOĞLAN M. U., Capar G., Kaynak Z. C., Akbulut S., Kuralay N. S.
58th International Conference of Machine Design Departments (ICMD), Prague, Czech Republic, 6 - 08 September 2017, pp.144-149
- XXIII. **COMPARISON OF DIFFERENT TYPE SINGLE SPEED GEARBOX FOR ELECTRIC VEHICLES**
KARAOĞLAN M. U., KURALAY N. S.
III. AUTOMOTIVE AND VEHICLE TECHNOLOGIES CONFERENCE PROCEEDINGS, İstanbul, Turkey, 23 - 24 November 2015
- XXIV. **Theoretical Approach For Modeling And Simulation Of Electrical Passenger Car Powertrain System**
KARAOĞLAN M. U., KURALAY N. S.
International Conference on Engineering and Natural Science, Skopje, Macedonia, 15 - 19 May 2015
- XXV. **Hybridization Of Electric Vehicle With Fuel Cell Based On Two Control Strategies**
KARAOĞLAN M. U., KURALAY N. S.
International Conference on Engineering and Natural Science, Skopje, Macedonia, 15 - 19 May 2015
- XXVI. **Yakıt hücreli PEM araçların tasarım esasları ve şehir içi test çevrimine göre simülasyonu**
KARAOĞLAN M. U., KURALAY N. S., TOPAÇ M. M.
OTEKON 2014: 7. Otomotiv Teknolojileri Kongresi, Bursa, Turkey, 26 - 27 May 2014, pp.108
- XXVII. **Bir yerli traktörde kullanılacak ileri geri hareket powershuttle sisteminin mekanik bileşenlerinin bilgisayar destekli tasarımı**
KARAN Y., KURALAY N. S., TOPAÇ M. M., KARAOĞLAN M. U.
OTEKON 2014: 7. Otomotiv Teknolojileri Kongresi, Bursa, Turkey, 26 - 27 May 2014, pp.25

Expert Reports

I. bilirkşi raporu

Pakel M., Özdemir O., Karaođlan M. U.

İZMİR 3. ASLİYE TİCARET, pp.9, İzmir, 2022

Supported Projects

ÇOLPAN C. Ö., ÇETİNKAYA S. A., ALPTEKİN E., KARAKOR A., KARAOĐLAN M. U., EREK A., EZAN M. A., Ünüştü K. O., ÇETKİN E., KORKMAZ S. A., et al, Project Supported by Higher Education Institutions, Elektrikli ve Yakıt Hücreli Araçlardaki Batarya ve Metal Hidrit Tank için Termal Yönetim Sistemlerinin İncelenmesi, 2023 - Continues

ÇOLPAN C. Ö., Tural K., YÜKSEL ALPAYDIN C., Çetinkaya S. A., Alpaslan E., KORKMAZ S. A., KEMALOĐLU (Yüksek Lisans Bursiyeri) Z., KONUR O., GÖREN A., KARAOĐLAN M. U., et al, Project Supported by Higher Education Institutions, Yakıt Pilli Seri-Hibrit Kara ve Deniz Araçlarının Enerji Depolama ve Üretim Sistem Parametrelerinin Optimizasyonu ve Prototip Araçların Geliştirilmesi, 2020 - 2024

Scientific Refereeing

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, SCI Journal, June 2024

JOURNAL OF ENERGY STORAGE, SCI Journal, April 2024

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, SCI Journal, January 2024

JOURNAL OF ENERGY STORAGE, SCI Journal, December 2023

ENERGY CONVERSION AND MANAGEMENT, SCI Journal, November 2023

JOURNAL OF ENERGY STORAGE, SCI Journal, November 2023

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, SCI Journal, November 2023

TRANSPORTATION RESEARCH PART D-TRANSPORT AND ENVIRONMENT, SCI Journal, November 2023

JOURNAL OF ENERGY STORAGE, SCI Journal, October 2023

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, SCI Journal, October 2023

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, SCI Journal, October 2023

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, SCI Journal, October 2023

Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, National Scientific Refreed Journal, September 2023

International Journal of Automotive Science and Technology, National Scientific Refreed Journal, September 2023

Makina Tasarım ve İmalat Dergisi, National Scientific Refreed Journal, July 2023

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, Journal Indexed in SCI-E, May 2023

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, Journal Indexed in SCI-E, February 2023

ENERGY CONVERSION AND MANAGEMENT, Journal Indexed in SCI-E, January 2023

ENERGY CONVERSION AND MANAGEMENT, Journal Indexed in SCI-E, November 2022

Konya mühendislik bilimleri dergisi (Online), National Scientific Refreed Journal, June 2022

ENERGY CONVERSION AND MANAGEMENT, Journal Indexed in SCI-E, April 2022

JOURNAL OF ENERGY STORAGE, SCI Journal, October 2021

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylül University, Turkey, April 2021

ENERGY CONVERSION AND MANAGEMENT, Journal Indexed in SCI-E, December 2020

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, Journal Indexed in SCI-E, August 2020

Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, National Scientific Refreed Journal, July 2020

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, Journal Indexed in SCI-E, July 2020

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Dokuz Eylül University, Turkey, May 2020

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Dokuz Eylül University, Turkey, September 2019

ENERGY CONVERSION AND MANAGEMENT, Journal Indexed in SCI-E, March 2019

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, Journal Indexed in SCI-E, December 2018

Scientific Consultations

JPN Motor , Scientific Consultancy, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, Turkey,
2024 - Continues

Metrics

Publication: 55

Citation (WoS): 182

Citation (Scopus): 133

H-Index (WoS): 7

H-Index (Scopus): 6