

## Lect. PhD ERKUTAY TAŞDEMİRÇİ

### Personal Information

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### Education Information

Doctorate, Kocaeli University, Fen Bilimleri Enstitüsü, Otomotiv Mühendisliği Bölümü, Turkey 2012 - 2021

Postgraduate, Kocaeli University, Fen Bilimleri Enstitüsü, Makina Mühendisliği Bölümü, Turkey 2009 - 2011

Undergraduate, Kocaeli University, Mühendislik Fakültesi, Makina Mühendisliği, Turkey 2004 - 2009

### Foreign Languages

English, B2 Upper Intermediate

### Research Areas

Fluid Mechanics, Conventional Energy Systems and Their Technology, Alternative Energy Resources, Heat and Mass Transfer, Fuels and Combustion, Heating, Refrigerating and Air Conditioning, Internal Combustion Engines, Thermal Systems, Thermal machines

### Academic Titles / Tasks

Lecturer PhD, Gazi University, Tusaş - Kazan Meslek Yüksek Okulu, Motorlu Araçlar Ve Ulaştırma Teknolojileri Bölümü, 2019 - Continues

Research Assistant, Kocaeli University, Teknoloji Fakültesi, Otomotiv Mühendisliği Bölümü, 2012 - 2019

### Courses

MOTOR YENİLEŞTİRME, Associate Degree, 2020 - 2021

MESLEKİ GELİŞİM II, Associate Degree, 2020 - 2021

ALTERNATİF MOTORLAR VE YAKIT SİSTEMLERİ, Associate Degree, 2020 - 2021

Aircraft Engines, Associate Degree, 2020 - 2021

MESLEKİ GELİŞİM I, Associate Degree, 2020 - 2021

MAKİNE ELEMANLARI, Associate Degree, 2020 - 2021

HİDROLİK VE PNÖMATİK SİSTEMLER, Associate Degree, 2020 - 2021

MOTOR TEST VE AYARLARI, Associate Degree, 2020 - 2021

TEKNİK RESİM, Associate Degree, 2019 - 2020

KOMPOZİT MALZEMELER, Associate Degree, 2019 - 2020

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Comparative study on winding materials for wind turbine alternators**  
AYAZ M., Tasdemirci E., YÜCE M., MEŞE E., HERGÜL A. S.  
EMERGING MATERIALS RESEARCH, vol.9, no.2, pp.360-365, 2020 (Journal Indexed in SCI)
- II. **Comparative performance of an automobile heat pump system with an internal heat exchanger using R1234yf and R134a**  
Tasdemirci E., ALPTEKİN E., HOŞÖZ M.  
INTERNATIONAL JOURNAL OF EXERGY, vol.33, no.1, pp.98-113, 2020 (Journal Indexed in SCI)
- III. **Comprehensive study on automation of toxic gas measurement**  
AYAZ M., Tasdemirci E., Yuksel H., AYGÜL V.  
ARABIAN JOURNAL OF GEOSCIENCES, vol.11, no.22, 2018 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Comparative Study on Control Methods for Air Conditioning of Industrial Paint Booths**  
AYAZ M., AYGÜL V., DÜZENLİ F., TAŞDEMİRCİ E.  
Advanced Science, Engineering and Medicine, vol.11, no.11, pp.1053-1059, 2019 (Refereed Journals of Other Institutions)

## Refereed Congress / Symposium Publications in Proceedings

- I. **SÜRÜŞ YETENEKLERİNİN FİZİKSEL ETKENLERLE DEĞİŞİMİNİN EOG SİNYALLERİ İLE İNCELENMESİ**  
ÇAYIR T., TAŞDEMİRCİ E., GÜNGÖR B. D.  
3. ULUSLARARSI MESLEKİ VE TEKNİK BİLİMLER KONGRESİ, Gaziantep, Turkey, 21 - 22 June 2018
- II. **BİOPAC CİHAZI İLE ALINAN EKG SİNYALLERİNİN CİNSİYETE BAĞLI DEĞERLENDİRİLMESİ**  
ÇAYIR T., TAŞDEMİRCİ E., GÜNGÖR B. D.  
3. ULUSLARARASI MESLEKİ VE TEKNİK BİLİMLER KONGRESİ, Gaziantep, Turkey, 21 - 22 June 2018
- III. **Comperative Study on Winding Materials For Wind Turbine Alternators**  
AYAZ M., TAŞDEMİRCİ E., YÜCE M., MEŞE E., HERGÜL A. S.  
International Conference on Computational and Experimental Science and Engineering (ICCESEN 2017), 4 - 08 October 2017, vol.1, pp.639
- IV. **Comparative Study on Control Methods for Air Conditioning of Industrial Paint Booths**  
AYAZ M., AYGÜL V., DÜZENLİ F., TAŞDEMİRCİ E.  
International Conference on Computational and Experimental Science and Engineering (ICCESEN 2017), 4 - 08 October 2017, vol.1, pp.460
- V. **Investigation on Winding Materials Selection for Synchronous Alternators Used in Wind Turbines**  
HERGÜL A. S. , YÜCE M., AYAZ M., TAŞDEMİRCİ E., MEŞE E.  
International Conference on Computational and Experimental Science and Engineering (ICCESEN 2017), 4 - 08 October 2017, vol.1, pp.640
- VI. **Comprehensive Study on Automation of Toxic Gas Measurement**  
AYAZ M., TAŞDEMİRCİ E., YÜKSEL H., AYGÜL V.  
International Conference on Computational and Experimental Science and Engineering (ICCESEN 2017), 4 - 08 October 2017, vol.1, pp.461
- VII. **Experimental Performance Comparison of R134a and R1234yf Automobile Heat Pump Systems**  
HOŞÖZ M., TAŞDEMİRCİ E., ALPTEKİN E.  
16th International Conference on Sustainable Energy Technologies, 17 - 20 July 2017, vol.1, pp.1-10
- VIII. **Experimental investigation of biomethane production from cheese whey in one and two staged digester**  
Tasdemirci E., KAPLAN Ö., YİĞİT K. S.  
European Biotechnology Congress, Bratislava, Slovakia, 16 - 18 May 2013, vol.24

## Citations

Total Citations (WOS):3

h-index (WOS):1