

## Arş. Gör. Selman DEMİRTAŞ

### Kişisel Bilgiler

E-posta: selmand@yildiz.edu.tr

Web: <https://avesis.yildiz.edu.tr/selmand>

### Uluslararası Araştırmacı ID'leri

ORCID: 0000-0002-0291-9999

ScopusID: 26323188600

### Eğitim Bilgileri

Doktora, Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Türkiye 2017 - Devam Ediyor

Yüksek Lisans, Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Enerji Anabilim Dalı, Türkiye 2015 - 2017

### Yabancı Diller

İngilizce, B2 Orta Üstü

### Araştırma Alanları

Makina Mühendisliği, Mühendislik ve Teknoloji

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Tribological Performance Investigation of a Commercial Engine Oil Incorporating Reduced Graphene Oxide as Additive**  
Kaleli H., DEMİRTAŞ S., Uysal V., Karnis I., Stylianakis M. M., Anastasiadis S. H., Kim D.  
NANOMATERIALS, cilt.11, sa.2, 2021 (SCI-Expanded)
- II. **Microstructure and wear behavior of a Cr-Mo-Nb alloyed manganese steel**  
Ayadi S., Hadji A., Hakan K., Selman D.  
JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T, cilt.9, sa.5, ss.11545-11562, 2020 (SCI-Expanded)
- III. **Review of tribological behavior of graphene coatings on piston rings in engines**  
Karagoz Z. B. A., Demirtaş S., Kaleli H., Yüksek L., Citak E.  
INDUSTRIAL LUBRICATION AND TRIBOLOGY, cilt.72, sa.2, ss.243-254, 2020 (SCI-Expanded)
- IV. **Characterization of the friction and wear effects of graphene nanoparticles in oil on the ring/cylinder liner of internal combustion engine**  
DEMİRTAŞ S., Kaleli H., Khadem M., Kim D.  
INDUSTRIAL LUBRICATION AND TRIBOLOGY, cilt.71, sa.5, ss.642-652, 2019 (SCI-Expanded)
- V. **Tribotest of engine piston ring/cylinder liner pairs with different nanoparticles added into engine oil**  
DEMİRTAŞ S., KALELİ E. H., Khadem M., Kim D.  
INDUSTRIAL LUBRICATION AND TRIBOLOGY, cilt.72, sa.2, ss.217-231, 2018 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

- I. **Experimental investigation of the effect of tribological performance of reduced graphene oxide additive added into engine oil on gasoline engine wear**  
Kaleli E. H., Demirtaş S.  
LUBRICATION SCIENCE, cilt.1627, ss.1-26, 2022 (Scopus)
- II. **Application of Suspended Nanoboric Acid as an Efficient Lubrication Additive in Engine Oil**  
KALELİ E. H., DEMİRTAŞ S., UYSAL V., TANRISEVEN Z., ZHAO J.  
Key Engineering Materials, cilt.823, ss.53-60, 2019 (Scopus)
- III. **Tribological Properties of New Developed Nano Boric Acid Suspended as Additive in Engine Oil**  
Kaleli E. H., Demirtaş S., Uysal V., Tanriseven Z.  
Key Engineering Materials, sa.823, ss.41-52, 2019 (Scopus)

## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

- I. **Experiments on Determination of Heat Transfer Coefficients for a Radiant Heated Enclosure**  
Karakoyun Y., Dalkılıç A. S., Yumurtacı Z., Açıkğöz Ö., Demirtaş S.  
INTERNATIONAL ENGINEERING AND TECHNOLOGY SYMPOSIUM, Batman, Türkiye, 3 - 05 Mayıs 2018, cilt.1, sa.1, ss.1240-1245
- II. **Characterization Of Wear Mechanisms Occurring On Piston Ring And Cylinder Bore Of The Internal Combustion Engine**  
DEMİRTAŞ S., KALELİ E. H.  
2nd International Conference and Exhibition on Automobile Engineering, Valencia, İspanya, 01 Aralık 2016, ss.53
- III. **Is Abrasive Wear Common Mechanism of Piston Ring and Cylinder Liner Rubbed Surfaces?**  
DEMİRTAŞ S., KALELİ E. H.  
AAT 2016, İstanbul, Türkiye, 11 Ekim 2016, ss.333

## **Metrikler**

Yayın: 13

Atf (WoS): 12

Atf (Scopus): 34

H-İndeks (WoS): 2

H-İndeks (Scopus): 3