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Personal Information

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Job Experience

2002-2010	Academic staff Lecturer Gazi University, Turkey.
2010-2014	Academic staff Assistant Professor Düzce University, Faculty of Technology, Department of Mechanical and Manufacturing Engineering
2014-currently	Academic staff Assoc. Prof.Dr. Düzce University, Faculty of Technology, Department of Mechanical and Manufacturing Engineering

Education Information

2003 –2009 PhD	Gazi University, Ankara Turkey - (Mechanical Education) Institute of Science
2000-2003 MSc	Gazi University, Ankara Turkey - (Mechanical Education) Institute of Science
1996-2000 BSc	Gazi University – Ankara, Turkey (Mechanical Education) Faculty of Technical Education

Scientific Studies

Articles published in international refereed journals (SCI, SSCI, Arts and Humanities)

- Karagöz, M., **Saridemir, S.**, Denizci, E., Çiftçi, B., (2018). The effect of the CO₂ ratio in biogas on the vibration and performance of a spark ignited engine, *Fuel*, 214, 634-639.
- Mert, S., Mert, Ş., **Saridemir, S.** An investigation of Al₂O₃-ZrO₂ ceramic composite-coated engine parts using plasma spray method on a diesel engine, *International Journal of Ambient Energy*, Article in Press.
- Tekin, M., **Saridemir, S.**, Prediction of engine performance and exhaust emissions with different proportions of ethanol-gasoline blends using artificial neural networks, *International Journal of Ambient Energy*, Article in Press.
- Bayraktar H, Samandar A, **Saridemir S.**, (2017). Prediction Of Basalt Fiber Reinforced Concrete Pavement Bending Strength Values”, *International Journal Of Engineering Technologies And Management Research*, 4(11),19-24.
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- Uygur, İ., Cicek, A., Toklu, E., Kara, R., **Saridemir, S.**,(2014). Fatigue life predictions of metal matrix composites using artificial neural networks, *Archives of Metallurgy and Materials*, 59(1), 97-103.
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- Saridemir, S.**, (2012). The effects of ethanol-unleaded gasoline blends in a single cylinder SI engine performance and exhaust emissions, *Energy Education Science and Technology Part A: Energy Science and Research* 30(1), 727-736.
- Durgutlu, A., Erik, M., Gulenc, B., **Saridemir, S.**, Apay, S.,(2012). Weldability of zinc coated automotive steel sheets by resistance spot welding", *Metallofizika i Noveishie Tekhnologii (ISI)*, 34, 99, 1283-1292.

Karabulut, H., **Sarıdemir, S.**,(2009). Comparison of cam profiles obtained via classical spline method for different lifted-valve periods and lifts, J. Fac. Eng. Arch. Gazi Univ. (ISI), 24, 3, 509-515.

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Çiftçi B, Tunç N, Karagöz M, Deniz E, **Sarıdemir S.**,(2017). Experimental Investigation Of The Usability Of Pumice Stone In Biogas Purification, Journal of Advanced TechnologySciences, 6(2), 72-77.

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Pekgöz, B., **Sarıdemir, S.**, Uygur, İ., Aslan, Y.,(2013). The Effects of Carburisation Process on the Hardness Values and Microstructure for Steels, Electronic Journal of Machine Technologies, 10(1)19-24.

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International Congresses

Ar, İ., Erşan, K., Tükek, S., **Sarıdemir, S.**, Laboratuvar Şartlarında Geliştirilen Ve Denemesi Yapılan Elektrolit - Elektrot Çiftinin Yakıt Piliinde Kullanılarak Paket Haline Getirilmesi Ve İçten Yanmalı Motor İle Karşılaştırılması, 3. Uluslar arası İleri Teknolojiler Sempozyumu, Gazi Üniversitesi, Vol. IV,239-251, Ankara, 2003.

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Sarıdemir, S ., The Effects of Biodiesel-Diesel Fuel Blends on Engine Noise and Exhaust Emissions, 4th International Symposium on Innovative Technologies in Engineering and Science 3-5 November 2016 (ISITES2016)Alanya/Antalya – Turkey.

Sarıdemir S, Ağbulut Ü., "The Effects of Engine Speed to the Single Cylinder Diesel Engine Vibration and Noise", International Advanced Researches & Engineering Congress-2017 , Osmaniye/TURKEY, 16-18 November 2017.

Kulaç, S, **Sarıdemir S.**, "Evaluation of Vibration Spectral Values of a Rolling-Element Bearing Used in a Vehicle Inspection Station", III International Conference On Engineering And Natural Sciences (Icens) 03-07 May 2017, Budapest.

Kulaç, S, **Saridemir S.**, Power Spectral Ratio Analysis of a Single-Cylinder Diesel Engine Vibration When B50 Diesel-Biodiesel Fuel Blend Used", III International Conference On Engineering And Natural Sciences (Icens) 03-07 May 2017, Budapest.

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Saridemir S, Erdal E., The Effect Of Fuel Type On Engine Vibration And Noise", International Academic Research Congress , INES 2017.

Ağbulut Ümit, Uluer Onuralp, **Saridemir Suat** (2017). An Overview of Determining Rheological Properties by Using Slit and Capillary Dies. International Advanced Researches and Engineering Congress-2017, 863-870.

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Saridemir Suat, Ağbulut Ümit (2017). MOTOR DEVRİNİN YANMA KARAKTERİSTİKLERİNE OLAN ETKİSİNİN İNCELENMESİ. INTERNATIONAL ACADEMIC RESEARCH CONGRESS (INES 2017)

Foreign Language

English

Writing Advanced, Speech Advanced

Turkish

Native speakers