

Personal Information

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Education Information

Post Graduate, Cukurova University, Fen Bilimleri Enstitüsü, :Otomotiv Mühendisliği, Turkey 2015 - Continues
Under Graduate, Cukurova University, Mühendislik-Mimarlık Fakültesi, :Otomotiv Mühendisliği, Turkey 2010 - 2015

Foreign Languages

English, C1 Advanced

Research Areas

Mechanical Engineering, Energy, Fluid Mechanics, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Cukurova University, Mühendislik-Mimarlık Fakültesi, Otomotiv Mühendisliği, 2015 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Recent studies on hydrogen usage in Wankel SI engine**
ÖZCANLI M., BAŞ O., AKAR M. A. , YILDIZHAN Ş., SERİN H.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.43, pp.18037-18045, 2018 (Journal Indexed in SCI)
- **Hydrogen enriched waste oil biodiesel usage in compression ignition engine**
AKAR M. A. , KEKILLI E., BAŞ O., YILDIZHAN Ş., SERİN H., ÖZCANLI M.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.43, pp.18046-18052, 2018 (Journal Indexed in SCI)

Articles Published in Other Journals

- **Effect of Spark Plug Alteration on Performance Using Hydrogen Enriched Gasoline in Si Engine Under Various Loads and Compression Ratios**
BAŞ O., AKAR M. A. , YILDIZHAN Ş., ÖZCANLI M., SERİN H.
EUROPEAN MECHANICAL SCIENCE, vol.2, no.3, pp.92-95, 2018 (Refereed Journals of Other Institutions)
- **The effect of the splitter plates on flow characteristics that are vertically placed to the flow between side by side cylinders in shallow water**
AKAR M. A. , AKILLI H., BAŞ O., Oğuz B., PINAR E., ŞAHİN B.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI
MUHENDISLIK BILIMLERI DERGISI, vol.24, pp.582-585, 2018 (Journal Indexed in ESCI)

Refereed Congress / Symposium Publications in Proceedings

- **Effect of bioethanol blending with gasoline on emissions characteristics with spark plug alteration for SI engine**

AKAR M. A. , BAŞ O., ÖZGÜR T., ÖZCANLI M.

European Biotechnology Congress, Athens, Greece, 26 - 28 April 2018, vol.280

• **Nano-Metal Katalizör Katkılarının Üç Yollu Katalitik Konvertörün (TWC) Karbon Monoksit (CO) Oksitlemesine Etkileri**

AKAR M. A. , ÇALIK A., BAŞ O., YILDIZHAN Ş.

IV. ULUSAL MÜHENDİSLİK KONGRESİ, Afyon, Turkey, 22 - 25 December 2017, pp.20

• **Flow Characteristics Of Vertical Splitter Plate Used Side By Side Cylinder With Different Gap Ratios**

AKAR M. A. , AKILLI H., BAŞ O., OĞUZ B., PINAR E., ŞAHİN B.

Second International Mediterranean Science and Engineering Congress, 25 - 27 November 2017

• **Hydrogen enriched waste oil biodiesel usage in compression ignition engine**

AKAR M. A. , Kekilli E., BAŞ O., YILDIZHAN Ş., SERİN H., ÖZCANLI M.

2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.2278

• **Recent studies on hydrogen usage in rotary SI engine**

ÖZCANLI M., BAŞ O., AKAR M. A. , YILDIZHAN Ş., SERİN H.

2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.2279

• **Effect of Hydrogen Enriched Nigella Sativa Oil Biodiesel on Performance and Emissions**

SERİN H., YILDIZHAN Ş., BAŞ O., AKAR M. A. , ÖZCANLI M.

2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.2277

• **Hydrogen Enriched Waste Oil Biodiesel Usage In Compression Ignition Engine**

AKAR M. A. , Kekilli E., BAŞ O., YILDIZHAN Ş., SERİN H., ÖZCANLI M.

2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.2278

• **A review on performance and emission characteristics of biodiesel produced from animal fat**

AKAR M. A. , ÖZCANLI M., BAŞ O., KESKİN A., SERİN H.

European Biotechnology Congress, Dubrovnik, Croatia, 25 - 27 May 2017, vol.256

• **VORTEX SHEDDING CONTROL BEHIND SIDE BY SIDE CIRCULAR CYLINDERS WITH VERTICAL SPLITTER PLATE IN SHALLOW WATER**

AKAR M. A. , AKILLI H., BAŞ O., PINAR E., Oğuz B., ŞAHİN B.

International Conference for Academic Disciplines (JAS-Sicily 2017), Katanya, Italy, 29 May - 01 June 2017, vol.10, no.2, pp.249-250

• **VORTEX SHEDDING CONTROL BEHIND SIDE BY SIDE CIRCULAR CYLINDERS WITH VERTICAL SPLITTER PLATE IN SHALLOW WATER**

AKAR M. A. , AKILLI H., BAŞ O., PINAR E., Oğuz B., ŞAHİN B.

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• **Performance and exhaust emissions of diesel engine fueled with Fusel Oil**

AKAR M. A. , YILMAZ A., BAŞ O., KESKİN A.

European Biotechnology Conference, Latvia, 5 - 07 May 2016, vol.231

Supported Projects

AKAR M. A. , SERİN H., YILDIZHAN Ş., BAŞ O., ÖZCANLI M., Project Supported by Higher Education Institutions, Farklı yük ve sıkıştırma oranları altında hidrojen ile zenginleştirilmiş benzinli motorda farklı tip ateşleme bujilerinin motor performans ve emisyon değerlerine etkisi, 2018 - 2020

AYDIN K., AKTAŞ A. E. , ÖZGÜR T., BOZDEMİR Y. Z. , TOSUN E., YILDIZHAN Ş., BAŞ O., Project Supported by Higher Education Institutions, Hidrojen Enerjisi İle Çalışan Hibrid Otomobil Geliştirme Projesi, 2017 - 2018

AKAR M. A. , BAŞ O., ÖZCANLI M., KESKİN A., SERİN H., Project Supported by Higher Education Institutions, A review on performance and emission characteristics of biodiesel produced from animal fat, 2017 - 2017

AKAR M. A. , BAŞ O., AKILLI H., Project Supported by Higher Education Institutions, Yan Yana Sıralı Silindirler Arasına Yerleştirilen Plakların Akış Yapısına Olan Etkisinin İncelenmesi, 2016 - 2017

Citations

Total Citations (WOS):33

h-index (WOS):2