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Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Otomotiv Mühendisliği (Dr), Turkey 2017 - Continues

Undergraduate, Nigde Omer Halisdemir University, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey 2014 - 2017

Postgraduate, Selcuk University, Institute Of Science, Makine Mühendisliği (Yl) (Tezli), Turkey 2013 - 2017

Undergraduate, Anadolu University, Faculty Of Business Administration, Department Of Business, Turkey 2008 - 2013

Undergraduate, Gazi University, Teknik Eğitim Fakültesi, Makine Eğitimi Bölümü, Turkey 2007 - 2011

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, I TİPİ SUPAP MEKANİZMALARININ DİNAMİK ANALİZİ, Selcuk University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (Yl) (Tezli), 2017

Academic Titles / Tasks

Research Assistant, Gazi University, Teknoloji Fakültesi, Otomotiv Mühendisliği, 2013 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Multi objective optimization of HCCI combustion fuelled with fusel oil and n-heptane blends**
Kocakulak T., Babagiray M., NACAK Ç., Safieddin Ardebili S. M., CALAM A., SOLMAZ H.
Renewable Energy, vol.182, pp.827-841, 2022 (SCI-Expanded)
- II. **INVESTIGATION OF THE EFFECTS OF OCTANE NUMBER ON COMBUSTION CHARACTERISTICS AND ENGINE PERFORMANCE IN A HCCI ENGINE**
HALİS S., NACAK Ç., SOLMAZ H., YILMAZ E., YÜCESU H. S.
ISI BİLİMİ VE TEKNİĞİ DERGİSİ-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.38, no.2, pp.99-110, 2018 (SCI-Expanded)

- I. **İçten Yanmalı Motorlarda Kullanılan Farklı Tip Kam Profillerinin Dinamik Analizi**
NACAĞ Ç., SOLMAZ H., CİNİVİZ M.
International Symposium on Automotive Science and Technology (ISASTECH 2019), Ankara, Turkey, 5 - 06 September 2019
- II. **JP-8 Havacılık Yakıtı, Ayçiçek Yağı Metil Esteri ve Dizel Yakıt Karışımlarının Yanma ve Motor Performansına Etkileri Üzerine Deneysel Bir Çalışma**
UYUMAZ A., NACAĞ Ç., SOLMAZ H., ARABACI E.
International Conference on Technology and Science, 13 - 15 December 2018
- III. **Fuzel Yağı Dizel Karışımlarının Sıkıştırma ile Ateşlemeli Bir Motorda Performans ve İş Emisyonlarına Etkilerinin İncelenmesi**
HALİS S., SOLMAZ H., YILMAZ E., CALAM A., NACAĞ Ç., YÜCESU H. S.
9th International Automotive Technologies Congress, Bursa, Turkey, 7 - 08 May 2018, pp.1364-1374
- IV. **Fuzel Yağının Buji ile Ateşlemeli bir Motorda Yanma Karakteristiklerinin ve Emisyonlarının İncelenmesi**
NACAĞ Ç., CALAM A., İPCİ D., YÜCESU H. S., HALİS S., SOLMAZ H.
14th International Combustion Symposium (INCOS2018), Karabük, Turkey, 25 - 27 April 2018, pp.585-590
- V. **The investigation of the effect of dished head crash boxes with different taper angles on crush force efficiency and specific energy absorption capacity**
ALTIN M., HALİS S., NACAĞ Ç., GÖK M.
The International Conference on Material Science, Mechanical and Automotive Engineering and Technology, 10 - 12 April 2018
- VI. **The effect of geometric changes on specific energy absorption capacities of crash boxes**
ALTIN M., HALİS S., NACAĞ Ç., BAYSUN M.
The International Conference on Material Science, Mechanical and Automotive Engineering and Technology, 10 - 12 April 2018
- VII. **New approach to cam mechanism using flat tappet pusher**
NACAĞ Ç., KARABULUT H., CİNİVİZ M.
International Advanced Technologies Symposium, 19 - 22 October 2017
- VIII. **Mapping of a Homogeneous Charged Compression Ignition (HCCI) Engine**
NACAĞ Ç., HALİS S., SOLMAZ H., YÜCESU H. S.
International Conference on Environmental Science and Technology, Budapest, Hungary, 19 - 23 October 2017
- IX. **Investigation of the effect of intake manifold design on fluid parameters by finite elements method**
NACAĞ Ç., HALİS S., ÖZDEMİR A. O., TOPBAŞ İ. S.
International Conference on Environmental Science and Technology, Budapest, Hungary, 19 - 23 October 2017
- X. **Fincan tip iticili supap mekanizması için yeni bir model**
NACAĞ Ç., SOLMAZ H., KARABULUT H., CİNİVİZ M.
1st International Mediterranean SCIENCE AND ENGINEERING CONGRESS, 26 - 28 October 2016

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H-Index (Scopus): 2