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Education Information

Doctorate, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği, Turkey 1994 - 1999

Postgraduate, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği, Turkey 1991 - 1993

Undergraduate, Erciyes Üniversitesi, Mühendislik Fakültesi, Makine/Enerji, Turkey 1987 - 1990

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, CANDU ve LWR REAKTÖRLERİ İÇİN HYLIFE-II ve PACER FÜZYON REAKTÖRLERİNDE FİSYON YAPABİLEN YAKITLARIN İNCELENMESİ , Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği, 1999

Postgraduate, NORMAL ŞOK DALGALI SÜPERSONİK RÜZGAR TUNELİ TESİSİ DİZAYNI, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Enerji, 1993

Research Areas

Technical Sciences, Mechanical Engineering, Thermodynamics, Fuels and Combustion

Academic Titles / Tasks

Professor, Erciyes University, Mühendislik Fakültesi, Makina Mühendisliği, 2012 - Continues

Associate Professor, Erciyes University, Mühendislik Fakültesi, Makina Mühendisliği, 2007 - 2012

Assistant Professor, Erciyes University, Mühendislik Fakültesi, Makina Mühendisliği, 2000 - 2007

Research Assistant, Erciyes University, Mühendislik Fakültesi, Makina Mühendisliği, 1993 - 2000

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

- The effect of hydrogen on the performance and emissions of an SI engine having a high compression ratio fuelled by compressed natural gas**

Tangöz S., Kahraman N., Akansu S. O.

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.42, pp.25766-25780, 2017 (Journal Indexed in SCI)

- II. **Performance prediction of PEM fuel cell with wavy serpentine flow channel by using artificial neural network**
SEYHAN M., AKANSU Y. E. , Murat M., KORKMAZ Y., Akansu S. O.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.42, no.40, pp.25619-25629, 2017 (Journal Indexed in SCI)
- III. **Fuel cell and energy storage systems: A special issue section on "The 9th International Conference on Sustainable Energy and Environmental Protection (SEEP 2016), 22-25 September 2016, Kayseri, Turkey"**
Olabi A. G. , AKANSU S. O. , KAHRAMAN N.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.42, no.40, pp.25544-25549, 2017 (Journal Indexed in SCI)
- IV. **Experimental study of gasoline-ethanol-hydrogen blends combustion in an SI engine**
AKANSU S. O. , TANGÖZ S., KAHRAMAN N., İlhak M. I. , ACIKGOZ S.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.42, no.40, pp.25781-25790, 2017 (Journal Indexed in SCI)
- V. **Performance and emission characteristics of an IC engine under SI, SI-CAI and CAI combustion modes**
Ceper B., Yildiz M., AKANSU S. O. , KAHRAMAN N.
ENERGY, vol.136, pp.72-79, 2017 (Journal Indexed in SCI)
- VI. **INVESTIGATION OF ENGINE PERFORMANCE AND EMISSIONS OF AN SI ENGINE USING BIOGAS-HYDROGEN MIXTURES**
Ceper B., Uysal M., Kahraman N., Akansu S. O.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, pp.5556-5563, 2017 (Journal Indexed in SCI)
- VII. **NUMERICAL INVESTIGATION OF THE EFFECT OF BLADE AIRFOILS ON A VERTICAL AXIS WIND TURBINE**
AKANSU S. O. , DAĞDEVİR T., Kahraman N.
ISI BILIMI VE TEKNIGI DERGISI-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.37, no.1, pp.115-125, 2017 (Journal Indexed in SCI)
- VIII. **Effects of compression ratio on performance and emissions of a modified diesel engine fueled by HCNG**
Tangoz S., Akansu S. O. , Kahraman N., Malkoç Y.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.40, pp.15374-15380, 2015 (Journal Indexed in SCI)
- IX. **Experimental and numerical aerodynamic investigation of a prototype vehicle**
AKANSU S. O. , AKANSU Y. E. , DAĞDEVİR T., DALDABAN F., YAVAS F.
WIND AND STRUCTURES, vol.20, no.6, pp.811-827, 2015 (Journal Indexed in SCI)
- X. **Numerical simulation and experimental studies of a biogas fueled spark ignition engine**
Ceper B., AYDIN K., AKANSU S. O. , KAHRAMAN N.
Energy Education Science and Technology Part A: Energy Science and Research, vol.28, no.2, pp.599-610, 2012 (Journal Indexed in SCI Expanded)
- XI. **Experimental study on a spark ignition engine fueled by CH₄/H₂ (70/30) and LPG**
AKANSU S. O. , BAYRAK M.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.36, no.15, pp.9260-9266, 2011 (Journal Indexed in SCI)
- XII. **Investigation of cylinder pressure for H₂/CH₄ mixtures at different loads**
Ceper B., AKANSU S. O. , KAHRAMAN N.
International Journal of Hydrogen Energy, vol.34, no.11, pp.4855-4861, 2009 (Journal Indexed in SCI Expanded)
- XIII. **Investigation of cylinder pressure for H₂/CH₄ mixtures at different loads" International Journal Of Hydrogen Energy**
KAHRAMAN N., AKANSU S. O. , ALBAYRAK ÇEPER B.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.34, no.11, pp.4855-4861, 2009 (Journal Indexed in SCI Expanded)
- XIV. **Investigation of combustion characteristics and emissions in a spark-ignition engine fuelled with natural gas-hydrogen blends**
KAHRAMAN N., Ceper B., AKANSU S. O. , AYDIN K.
International Journal of Hydrogen Energy, vol.34, no.2, pp.1026-1034, 2009 (Journal Indexed in SCI Expanded)

- XV. **Numerical investigation of effect of turbulator on heat transfer in pipe flows Boru içi akışlarda türbülötörlerin Iısı transferine olan etkisinin sayısal İncelenmesi**
KAHRAMAN N., SEKMEN U., Ceper B., AKANSU S. O.
İsi Bilimi Ve Teknigi Dergisi/ Journal of Thermal Science and Technology, vol.28, no.2, pp.51-59, 2008 (Journal Indexed in SCI Expanded)
- XVI. **Numerical analysis of heat transfer through a circular pipe with porous-ring turbulators**
AKANSU S. O. , Ceper B., Yapici H.
Chemical and Process Engineering - Inzynieria Chemiczna i Procesowa, vol.29, no.4, pp.1053-1070, 2008 (Journal Indexed in SCI Expanded)
- XVII. **Experimental study on a spark ignition engine fuelled by methane-hydrogen mixtures**
AKANSU S. O. , KAHRAMAN N., Ceper B.
International Journal of Hydrogen Energy, vol.32, no.17, pp.4279-4284, 2007 (Journal Indexed in SCI Expanded)
- XVIII. **Investigation of heat transfer and pressure drop for various obstacles in a rectangular-sectioned 90 degrees bend**
Unalan S., Akansu S. O. , Konca A.
INTERNATIONAL JOURNAL OF NUMERICAL METHODS FOR HEAT & FLUID FLOW, vol.17, pp.494-511, 2007 (Journal Indexed in SCI)
- XIX. **Neutronic analysis of Lithium Hydride (LiH) material in a (D, T) driven hybrid blanket**
Akansu S. O.
JOURNAL OF THE CHINESE INSTITUTE OF ENGINEERS, vol.30, no.1, pp.1-10, 2007 (Journal Indexed in SCI)
- XX. **Heat transfers and pressure drops for porous-ring turbulators in a circular pipe**
Akansu S. O.
APPLIED ENERGY, vol.83, no.3, pp.280-298, 2006 (Journal Indexed in SCI)
- XXI. **Internal combustion engines fueled by natural gas - hydrogen mixtures**
Akansu S. O. , Dulger Z., Kahraman N., Veziroglu T.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.29, no.14, pp.1527-1539, 2004 (Journal Indexed in SCI)
- XXII. **Investigation of neutronic performance of a peaceful nuclear explosive reactor (PACER) evaluating UF4 and ThF4 nuclides**
Akansu S. O. , Kahraman N.
SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, vol.29, pp.401-413, 2004 (Journal Indexed in SCI)
- XXIII. **Determination of main reactor parameters for flibe (Li2BeF4) cooled peaceful nuclear explosive reactors (PACER)**
Unalan S., Akansu S. O.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.29, pp.27-42, 2004 (Journal Indexed in SCI)
- XXIV. **Light and heavy water cooled hybrid reactors for rejuvenation of LWR spent fuels**
Unalan S., Ayata T., Akansu S. O. , ERİŞEN A., BÖLÜKBAŞI A.
ENERGY CONVERSION AND MANAGEMENT, vol.44, no.16, pp.2567-2587, 2003 (Journal Indexed in SCI)
- XXV. **Improvement of the inertial fusion energy reactor performance by means of UF4 and ThF4**
Unalan S., Akansu S. O. , SARAÇ H.
FUSION SCIENCE AND TECHNOLOGY, vol.43, no.2, pp.230-249, 2003 (Journal Indexed in SCI)
- XXVI. **Neutronic and thermal analysis of a peaceful nuclear explosion reactor**
Unalan S., Akansu S. O.
FUSION SCIENCE AND TECHNOLOGY, vol.43, no.1, pp.110-121, 2003 (Journal Indexed in SCI)
- XXVII. **Investigation of the flattened fissile fuel enrichment possibility with a (D, T) driven hybrid blanket cooled by flibe (Li2BeF4)**
Akansu S. O. , Unalan S.
ANNALS OF NUCLEAR ENERGY, vol.29, no.3, pp.287-302, 2002 (Journal Indexed in SCI)
- XXVIII. **Neutronic analysis of a moderated (D, T) fusion driven hybrid blanket**
Yapici H., Akansu S. O. , Ozceyhan V.
ANNALS OF NUCLEAR ENERGY, vol.27, no.13, pp.1237-1244, 2000 (Journal Indexed in SCI)

- XXIX. **Improvement of the neutronic performance of the hybrid reactor rejuvenating spent fuels using various moderators**
Unalan S., Akansu S. O.
FUSION TECHNOLOGY, vol.34, no.2, pp.109-127, 1998 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Structure estimation of vertical axis wind turbine using artificial neural network**
TEKŞİN S., Azginoglu N., AKANSU S. O.
Alexandria Engineering Journal, vol.61, no.1, pp.305-314, 2022 (Refereed Journals of Other Institutions)
- II. **Computational Study of EGR and Excess Air Ratio Effects on a Methane Fueled CAI Engine**
Yıldız M., Akansu S. O. , Albayrak Çeper B.
INTERNATIONAL JOURNAL OF AUTOMOTIVE ENGINEERING AND TECHNOLOGIES, vol.4, no.3, pp.152-161, 2015 (Non-Refreed Journal)
- III. **Platinum Rodyum ve Renyum Katalislerinin Motor Performansına Etkisi**
KAHRAMAN N., AKANSU S. O.
TMMOB Makine Mühendisleri Odası Makine Bülteni, no.30, 2003 (Other Refereed National Journals)
- IV. **Potential of a Catalyzed D D Fusion Driven Hybrid Blanket for the Regeneration of LWR Spent Fuel**
YAPICI H., KAHRAMAN N., AKANSU S. O.
Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, no.4, pp.635-640, 1998 (Other Refereed National Journals)
- V. **Flaş Buhardan Enerji Geri Kazanımı**
SÜLEYMAN T., AKANSU S. O.
Uluslar Arası Enerji Teknoloji ve Tesisat Dergisi, pp.290-291, 1996 (Other Refereed National Journals)

Books & Book Chapters

- I. **Alternative Fuels for Internal Combustion Engines**
İlhak M. İ. , Tangöz S., Akansu S. O. , Kahraman N.
in: The Future of Internal Combustion Engines, Carlucci AP, Editor, Intechopen, London, pp.1-28, 2019
- II. **Alternative Fuels for Internal Combustion Engines**
İLHAK M. İ. , TANGÖZ S., AKANSU S. O. , KAHRAMAN N.
in: The Future of Internal Combustion Engines, Carlucci AP, Editor, Intechopen, London, pp.510-538, 2019

Refereed Congress / Symposium Publications in Proceedings

- I. **Injector deactivation system in IC vehicle engines**
KAHRAMAN N., ALBAYRAK ÇEPER B., ARSLAN E., AKANSU S. O.
12th international Conference on sustainable energy environmental protection, 18 - 21 November 2019
- II. **Cylindir Deactivation System In IC Vehicle Engines**
KAHRAMAN N., ALBAYRAK ÇEPER B., ARSLAN E., AKANSU S. O.
SEEP 2019 12 th International Conference On Sustainable Energy Enviromental Protection, 18 - 21 November 2019
- III. **Numerical Investigation of Solidity Effects on a 3 Bladed Vertical Axis Wind Turbine**
Şimşek A., TEKŞİN S., AKANSU S. O.
7th Global Conference on Global Warming (GCGW-2018), İzmir, Turkey, 24 - 28 June 2018
- IV. **Use of Circular Wind Regulator on Vertical Axis Wind Turbine**
Aksoy S., TEKŞİN S., AKANSU S. O.
16th International Conference on Clean Energy (ICCE-2018), Famagusta, 9 - 11 May 2018

- V. **Investigation of Combustion Characteristics In Two-Stroke Engine Fueled By Methane**
ARSLAN E., ALBAYRAK ÇEPER B., KAHRAMAN N., AKANSU S. O.
14th International Combustion Symposium (INCOS2018), Karabük, Turkey, 25 - 27 April 2018, pp.308-322
- VI. **Experimental Study on a Spark Ignition Engine Fuelled by Methane-Oxygen Enriched Air**
İlhak M. İ. , AKANSU S. O. , FİL H. E. , KAHRAMAN N.
6TH INTERNATIONAL CONFERENCE ON RENEWABLE FUELS COMBUSTION AND FIRE, Nevşehir, Turkey, 18 May - 21 September 2017, pp.59-65
- VII. **YATAY EKSENLİ BİR RÜZGÂR TÜRBİNİNDE KATILIK ORANININ İNCELENMESİ**
KURT M., TEKŞİN S., AKANSU S. O.
21. Ulusal Isı Bilim Tekniği Kongresi, Çorum, Turkey, 13 - 16 September 2017, pp.1-7
- VIII. **Investigation of Performance and Emissions in a SI Engine Fuelled by Gasoline - Acetylene Mixtures**
İlhak M. İ. , AKANSU S. O. , KAHRAMAN N., ÜNALAN S.
10 th international Sustainable Energy Environment Protection, Bled, Slovenia, 27 - 30 June 2017, pp.117-127
- IX. **Experimental investigation of effects of hydrogenaddition to gasoline engine**
Açıkgöz S., İlhak M. İ. , AKANSU S. O.
6 th International Conference on Renewable Fuels Combustion and Fire, Nevşehir, Turkey, 18 - 21 May 2017, vol.1, no.1, pp.73-79
- X. **An Experimental Study on Performance and Emissionsof an SI Engine Fueled by Acetylene-Hydrogen andAcetylene-Methane Blends**
TANGÖZ S., İlhak M. İ. , AKANSU S. O.
6 th International Conference on Renewable Fuels Combustion and Fire, Nevşehir, Turkey, 18 - 21 May 2017, vol.1, no.1, pp.87-100
- XI. **Numerical investigation on oxy enriched air combustion with methane fuel in combustion chamber of a boiler**
Arslan E., AKANSU S. O. , KAHRAMAN N., YILDIZ M.
6 th International Conference on Renewable Fuels Combustion and Fire, Nevşehir, Turkey, 18 - 21 May 2017, vol.1, no.1, pp.265-274
- XII. **EXPERIMENTAL AND NUMERICAL INVESTIGATION OF THE EFFECT OF AIRFOIL CHARACTERISTIC ON A VERTICAL AXIS DARRIEUS WIND TURBINE PERFORMANCE**
DAĞDEVİR T., ÖZCEYHAN V., AKANSU S. O. , Akansu Y. E.
9th International Conference on Sustainable Energy & Environmental Protection, Kayseri, Turkey, 22 - 25 September 2016, vol.1, no.1, pp.346-350
- XIII. **An Experimental Study on The Performance And Emissions of An Si Engine Having a High Compression Ratio Fuelled by HCNG**
TANGÖZ S., KAHRAMAN N., AKANSU S. O.
9th International Conference on Sustainable Energy and Environmental Protection, Kayseri, Turkey, 22 - 25 September 2016, no.94, pp.385-399
- XIV. **Numerical Analysis of Ethanol-Hydrogen-Blends Combustion in an SI Engine**
AKANSU S. O. , KAHRAMAN N., TANGÖZ S., Açıkgöz S.
9th International Conference on Sustainable Energy and Environmental Protection, Kayseri, Turkey, 22 - 25 September 2016, no.94, pp.1-9
- XV. **Stereotaktik Sistem Tasarımı ve İmalatı**
SİNANOĞLU C., AKGÜL E., AKANSU S. O. , TUCER B., PEKER K.
3B Baskı Teknolojileri Uluslararası Sempozyumu, İstanbul, Turkey, 5 - 07 May 2016, pp.45-50
- XVI. **Numeric Analysis of Heat Transfer in 90 Bend**
AKANSU S. O. , KONCA A.
Proc. 2nd Int.Conference on Applied Thermodynamics, 10 - 13 January 2005
- XVII. **Performance and Emission Characteristics of an IC Engine under SI SI CAI and CAI Combustion Modes**
ALBAYRAK ÇEPER B., YILDIZ M., AKANSU S. O. , KAHRAMAN N.
8 th International Conference on Sustainable Energy & Environmental Protection (SEEP'15), 11 - 14 August 2015

- XVIII. Investigation Of Cold Flow Characteristics In Two-Stroke Engine Fueled By Methane**
AKANSU S. O. , Arslan E., KAHRAMAN N., Yılmaz E.
8th International Conference on Sustainable Energy&Environmental Protection, Paisley,Glasgow, Scotland, 11 - 14 August 2015, pp.219-225
- XIX. Investigation Of Cold Flow Characteristics In Two Stroke Engine Fueled By Methane**
AKANSU S. O. , aslan e., KAHRAMAN N., yılmaz e.
8th International Conference on Sustainable Energy&Environmental Protection, 11 - 14 August 2015
- XX. Experimental Investigation on Engine Performance and Emissions of a Spark Ignition Engine Using Biogas**
ALBAYRAK ÇEPER B., KAHRAMAN N., Uysal M., AKANSU S. O.
Fifth International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2015) and SECOTOX Conference, Mykonos Island,, Greece, 14 - 18 June 2015, pp.421-428
- XXI. Performance, Emissions And Combustion Characteristics Of A Modified Diesel Engine Fuelled By Hcng**
KAHRAMAN N., AKANSU S. O. , TANGÖZ S., ERDAMAR M.
7th International Conference on Sustainable Energy & Environmental Protection SEEP2014, Dubai, United Arab Emirates, 23 - 25 November 2014, pp.1-6
- XXII. Effects Of Compression Ratio On Performance And Emissions Of A Modified Diesel Engine Fuelled By Hcng**
TANGÖZ S., AKANSU S. O. , KAHRAMAN N., YUSUF M.
4th International Conference on Nuclear and Renewable Energy Resources, 26 - 28 October 2014
- XXIII. A Comparative Experimental Study On SI Engine Fuelled By Hydrogen, Hythane and Gasoline**
Hatipoğlu M., KAHRAMAN N., AKANSU S. O. , ALBAYRAK ÇEPER B.
Otekon 2014 7.Otomotiv Teknolojileri Kongresi, Bursa, Turkey, 26 - 27 May 2014, vol.1, no.1, pp.1-9
- XXIV. CAI yanmalı bir motorda EGR oranının etkisinin sayısal olarak incelenmesi**
YILDIZ M., ALBAYRAK ÇEPER B., AKANSU S. O. , ÜNALAN S.
19.Ulusal Isı Bilimi ve Tekniği Kongresi, Samsun, Turkey, 9 - 12 September 2013, pp.1188-1193
- XXV. Küçük Ölçekli Çiftlikler İçin Biyogaz Tesis Tasarımı, Kullanımı Ve Çıktıların Ölçülmesi**
KAHRAMAN N., AKANSU S. O. , ALBAYRAK ÇEPER B.
19. Isı Bilimi Tekniği Kongresi, Samsun, Turkey, 1 - 04 September 2013, pp.35-39
- XXVI. Numerical Investigation of Aerodynamic Caracteristics for three bladed Darrieus Wind Turbine on Naca 0021, Naca0015 and Clark-y**
AKANSU S. O. , KAHRAMAN N.
6th International Conference on Sustainable Energy & Environmental Protection, Slovenia, 1 - 04 August 2013, pp.334-340
- XXVII. Experimental Study On Si Engine Fueled By H2/Ch4 (20/80), H2 And Gasoline**
AKANSU S. O. , KAHRAMAN N., TANGÖZ S., ALBAYRAK ÇEPER B., BAYRAK M., YURTTAŞ İ.
12th International Combustion Symposium, Kocaeli, Turkey, 24 - 26 May 2012, pp.95-104
- XXVIII. Engine performance and analysis of 70/30 H2/NH3,H2 and gasoline fules in an SI engine**
yurttas i. i. , ALBAYRAK ÇEPER B., KAHRAMAN N., AKANSU S. O.
İnternational Conference on Fuels and Combustion Engines, İstanbul, Turkey, 19 - 21 January 2012, pp.1-9
- XXIX. Engine Performance And Analysis Of 70 30 H2 NH3 H2 And Gasoline Fuels In An SI Engine**
YURTTAŞ İ. İ. , ALBAYRAK ÇEPER B., KAHRAMAN N., AKANSU S. O.
International Conference On Fuels And Combustion In Engines, Istanbul Technical University, 19 - 21 January 2012
- XXX. Experimental study of CH4/H2 mixtures in internal combustion engines**
KAHRAMAN N., Çeper B., AKANSU S. O. , BAYRAK M.
Nanotechnology 2011: Electronics, Devices, Fabrication, MEMS, Fluidics and Computational - 2011 NSTI Nanotechnology Conference and Expo, NSTI-Nanotech 2011, Boston, MA, United States Of America, 13 - 16 June 2011, vol.3, pp.740-745
- XXXI. An Experimental Investigation of biogas as a Fuel in Internal Combustion Engines**
ALBAYRAK ÇEPER B., AKANSU S. O. , KAHRAMAN N.

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- XXXII. **Experimental Study Of CH₄ H₂ Mixtures In Internal Combustion Engines**
KAHRAMAN N., ALBAYRAK ÇEPER B., AKANSU S. O. , BAYRAK M.
Clean Technology Conference, Boston, MA,USA, 13 - 16 June 2011
- XXXIII. **Experimental Study Of CH₄ H₂ Mixtures LPG Gasoline In Internal Combustion Engines**
BAYRAK M., ALBAYRAK ÇEPER B., KAHRAMAN N., AKANSU S. O.
International Green Energy Conference-VI (IGEC-VI), Eskisehir, Turkey, 5 - 09 June 2011
- XXXIV. **experimental study of CH₄/H₂ mixtures-LPG _GASOLİNE in internal combustion engines**
bayrak m., ALBAYRAK ÇEPER B., KAHRAMAN N., AKANSU S. O.
international Green Energy Conference, Eskişehir, Turkey, 5 - 09 June 2011, pp.1-9
- XXXV. **Experimental Study of CH₄/H₂ Mixtures in Internal Combustion Engines**
KAHRAMAN N., CEPER B., AKANSU S. O. , BAYRAK M.
NSTI Nanotechnology Conference and Expo, Massachusetts, United States Of America, 13 - 16 June 2011, pp.740-745
- XXXVI. **Numerical Analysis of Heat Transfer and Pressure Variation in a Vortex Tube**
HAMDİ K., AKANSU S. O.
7th International Conference on Heat Transfer, Fluid Mechanics and Thermodynamics, 19 - 21 July 2010
- XXXVII. **investigation of variation in cylinder parameters in a spark ignition natural gas engine with naturalgas-hydrogen blends**
ALBAYRAK ÇEPER B., AKANSU S. O. , KAHRAMAN N.
international conference on heat transfer,fluid mechanics and thermodynamics, Antalya, Turkey, 19 - 21 July 2010, pp.1881-1887
- XXXVIII. **experimental investigation of biogas as a fuel in internal combustion engines**
ALBAYRAK ÇEPER B., AKANSU S. O. , KAHRAMAN N., gökalp i.
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- XXXIX. **Experimental study of hydrogen in internal combustion engines**
CEPER B., BIRSEN E. B. , AKANSU S. O. , KAHRAMAN N.
Nanotechnology 2009: Biofuels, Renewable Energy, Coatings, Fluidics and Compact Modeling - 2009 NSTI Nanotechnology Conference and Expo, NSTI-Nanotech 2009, Houston, TX, United States Of America, 3 - 07 May 2009, vol.3, pp.107-110
- XL. **investigations on the performance and ignition of a spark ignition engine fuelled by biogas**
ALBAYRAK ÇEPER B., AKANSU S. O. , KAHRAMAN N., gökalp i.
İnternational Conference on Fuels and Combustion in Engines, İstanbul, Turkey, 8 - 09 October 2009, pp.43-54
- XLI. **Bir Gaz Türbin Yakıcısında Doğal Gaz Ve Kerozin Yanmasının Sayısal İncelenmesi**
TANGÖZ S., KAHRAMAN N., AKANSU S. O.
17. ULUSAL ISI BİLİMİ VE TEKNİĞİ KONGRESİ, Sivas, Turkey, 24 - 27 June 2009, pp.935-941
- XLII. **farklı ateşleme avansları için metan hidrojen yakıt karışımının silindir içendeki yanmasının sayısal analizi**
ALBAYRAK ÇEPER B., KAHRAMAN N., AKANSU S. O.
ulusal ısı bilimi ve tekniği kongresi, Sivas, Turkey, 24 - 27 June 2009, pp.1-4
- XLIII. **Farklı Ateşleme Avansları İçin Metan Hidrojen Yakıt Karışımının Silindir İçindeki Yanmasının Sayısal Analizi**
ALBAYRAK ÇEPER B., KAHRAMAN N., AKANSU S. O. , AYDIN K.
ULIBTK'09 17. Ulusal Isı Bilimi ve Tekniği Kongresi, Turkey, 24 - 27 June 2009
- XLIV. **Bir Gaz Türbin Yakıcıda Doğal Gaz Ve Kerosene Yanmasının Sayısal Analizi**
TANGÖZ S., KAHRAMAN N., AKANSU S. O.
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- XLV. **Experimental Study of Hydrogen in Internal Combustion Engines**
ALBAYRAK ÇEPER B., EMRAH BERAT B., AKANSU S. O. , KAHRAMAN N.
Clean Technology Conference, Houston, TX,USA, 3 - 07 May 2009
- XLVI. **experimental study on a spark ignition engine fueled by methane**

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