

Prof. ADEM ACIR

Personal Information

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Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Makine Eğitimi (Dr), Turkey 2000 - 2004

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Makine Eğitimi (Yl) (Tezli), Turkey 1997 - 2000

Undergraduate, Konya Technical University, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey 1997 - 1999

Undergraduate, Gazi University, Teknik Eğitim Fakültesi, Makine Eğitimi Bölümü, Turkey 1994 - 1997

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, PACER Füzyon Reaktöründe Yakıt ve Enerji Üretiminin İncelenmesi, Gazi University, Fen Bilimleri Enstitüsü, Makine Eğitimi (Dr), 2004

Research Areas

Nuclear Energy, Nuclear Engineering and Nuclear Energy Studies

Academic Titles / Tasks

Professor, Gazi University, Teknoloji Fakültesi, Enerji Sistemleri Mühendisliği, 2011 - Continues

Academic and Administrative Experience

Gazi University, Teknoloji Fakültesi, 2011 - 2014

Advising Theses

ACIR A., Simetrik ve asimetric naca kanat modeli üzerinde farklı geometrik yapıların aerodinamik performansa etkisinin incelenmesi, Postgraduate, M.SALMAN(Student), 2020

Acir A., TORYUM NÜKLEER YAKITLI LAZER SÜRÜCÜLÜ BİR FÜZYON REAKTÖRÜNDE FİSİL YAKIT VE HİDROJEN ÜRETİM POTANSİYELİNİN ARAŞTIRILMASI, Postgraduate, Ş.ASAL(Student), 2020

ACIR A., Life füzyon reaktörünün hidrojen üretim potansiyelinin incelenmesi, Postgraduate, S.AKTI(Student), 2019

ACIR A., Investigation Of Hydrogen Production Potential Of Life Fusion Reactor, Postgraduate, S.Aktı(Student), 2019

ACIR A., Evaluation Of The Use Of Minor Actinides In Alternative Nuclear Fuels In Terms Of Safeguards, Postgraduate, T.HÜSEYİN(Student), 2019

ACIR A., Numerical Investigation Of The Tubercule And Dimple Structures On Naca 0024 Airfoil With Different Aspect Ratios, Postgraduate, H.ERDİ(Student), 2018

ACIR A., Güneş ışınımı altında faz değiştiren malzemenin ısı depolama davranışının deneysel incelenmesi, Postgraduate, M.EMİN(Student), 2017

ACIR A., Numerical Analysis Of Temperature Distribution In Hybrid Reactor Nuclear Fuel Rods By Finite Elements Method, Postgraduate, S.Taş(Student), 2017

ACIR A., Experimental investigation of solar energy supported air heater performance and its optimization with grey relational analysis method, Doctorate, İ.ATA(Student), 2017

ACIR A., Experimental Investigation Of Heat Storage Behaviour In A Phase Change Material Under Solar Radiation, Postgraduate, M.Emin(Student), 2017

ACIR A., Hibrid reaktör nükleer yakıt çubuklarındaki sıcaklık dağılımının sonlu elemanlar metodu ile sayısal analizi, Postgraduate, S.TAŞ(Student), 2017

ACIR A., VVER-1000 nükleer güç reaktörünün termal hidrolik ve nötronik analizi, Postgraduate, S.UZUN(Student), 2015

ACIR A., Bir savonius rüzgar türbini performansının sayısal incelenmesi ve iyileştirilmesi, Postgraduate, İ.ŞAHİN(Student), 2015

ACIR A., Numerical Investigation And Improving Of A Savonius Wind Turbine Performance, Postgraduate, İ.ŞAHİN(Student), 2015

ACIR A., Application of the drying blueberry and analysis of performance on solar air collector, Postgraduate, F.DANIŞMAN(Student), 2013

ACIR A., Investigation of the effect on energy efficiency of entropy generation in a thermal power plant, Postgraduate, S.BAYRAK(Student), 2013

ACIR A., Thermodynamic analysis of a thermal power plant and investigation of irreversibilities of thermal processes, Postgraduate, A.KAZIM(Student), 2012

ACIR A., Delik delme işlemlerinde kesme parametrelerine bağlı olarak oluşan sıcaklığın modellenmesi, Postgraduate, R.ÇAKIROĞLU(Student), 2011

ŞEKER U., ACIR A., Investigation of temperature variable depending on cutting parameters in drilling, Postgraduate, S.YAĞMUR(Student), 2011

ACIR A., Bir füzyon-fisyon reaktöründe TRISO kaplamalı CANDU nükleer yakıt atıklarının nötronik analizi, Postgraduate, H.TAŞKOLU(Student), 2010

ACIR A., BİR FÜZYON-FİSYON REAKTÖRÜNDE TRISO KAPLAMALI CANDU NÜKLEER YAKIT ATIKLARININ NÖTRONİK ANALİZİ, Postgraduate, H.TAŞKOLU(Student), 2010

ACIR A., Alternatif nükleer yakıtlı çakıl yataklı modüler reaktörün Monte Carlo yöntemiyle nötronik analizi, Postgraduate, H.COŞKUN(Student), 2010

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

- I. **Optimization of melting time of solar thermal energy storage unit containing spring type heat transfer enhancer by Taguchi based grey relational analysis**
Çinici O. K. , Canlı M. E. , Çakıroğlu R., Acir A.
JOURNAL OF ENERGY STORAGE, vol.1, no.1, pp.1-20, 2022 (Journal Indexed in SCI Expanded)
- II. **EXERGY ANALYSIS AND DETERMINATION OF IRREVERSIBILITY OF A THERMAL POWER PLANT**
Ata İ., Tanürün H. E. , Uzun S., Acir A.
Heat Transfer Research, vol.52, no.17, pp.1-10, 2022 (Journal Indexed in SCI Expanded)
- III. **Evaluation of the Al, Cu, Si, Ag /water nanofluid effects on heat transfer characteristics in VVER-1200 nuclear based thorium fuel**
Genç Y., Uzun S., Acir A.
Heat Transfer Research, vol.15, no.1, pp.1-10, 2021 (Journal Indexed in SCI Expanded)

- IV. **Utilization of the Cu–Cl thermochemical cycle for hydrogen production using a laser driver thorium molten salts**
Asal Ş., Acir A.
International Journal Of Hydrogen Energy, vol.46, pp.31133-31142, 2021 (Journal Indexed in SCI Expanded)
- V. **Experimental investigation of thermal energy storage efficiency using fin application with phase change material (PCM) under solar radiation**
Acir A., Canlı M. E. , Ata İ., Uzun S., Tanürün H. E.
Heat Transfer Research, vol.52, no.6, pp.1-10, 2021 (Journal Indexed in SCI Expanded)
- VI. **THERMAL ANALYSIS OF THE VVER-1000 REACTOR WITH THORIUM FUEL AND COOLANT CONTAINING Al₂O₃, CuO, AND TiO₂ NANOPARTICLES**
Acir A., Uzun S., Genç Y., Asal Ş.
Heat Transfer Research, vol.52, no.4, pp.79-93, 2021 (Journal Indexed in SCI Expanded)
- VII. **Investigation of the hydrogen production of a laser FUSION driver thorium breeder using various coolants**
ACIR A., ASAL Ş.
International Journal of Hydrogen Energy, vol.46, no.10, pp.7087-7098, 2021 (Journal Indexed in SCI)
- VIII. **EVALUATION OF THE Al/, Cu/, Si/, Ag/WATER NANOFLUID EFFECTS ON HEAT TRANSFER CHARACTERISTICS IN VVER-1200 LOADED WITH PLUTONIUM-THORIUM-BASED FUEL**
Genç Y., UZUN S., ACIR A.
HEAT TRANSFER RESEARCH, vol.52, no.16, pp.1-12, 2021 (Journal Indexed in SCI)
- IX. **OPTIMIZATION OF THE EFFECTIVE PARAMETERS ON GROUND-SOURCE HEAT PUMPS FOR SPACE COOLING APPLICATIONS USING THE TAGUCHI METHOD**
ÖZDEMİR M. B. , ACIR A.
HEAT TRANSFER RESEARCH, vol.51, no.6, pp.537-550, 2020 (Journal Indexed in SCI)
- X. **Investigation of hydrogen production potential of the LASER inertial confinement fusion fission energy (LIFE) engine**
ACIR A., Akti S.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.44, no.45, pp.24867-24879, 2019 (Journal Indexed in SCI)
- XI. **Investigation of fin application effects on melting time in a latent thermal energy storage system with phase change material (PCM)**
ACIR A., Canlı M. E.
APPLIED THERMAL ENGINEERING, vol.144, pp.1071-1080, 2018 (Journal Indexed in SCI)
- XII. **Monte Carlo calculations of the incineration of plutonium and minor actinides of laser fusion inertial confinement fusion fission energy (LIFE) engine**
ACIR A., BAYSAL E.
PLASMA SCIENCE & TECHNOLOGY, vol.20, no.7, 2018 (Journal Indexed in SCI)
- XIII. **Parametric optimization of energy and exergy analyses of a novel solar air heater with grey relational analysis**
ACIR A., Canlı M. E. , ATA İ., ÇAKIROĞLU R.
APPLIED THERMAL ENGINEERING, vol.122, pp.330-338, 2017 (Journal Indexed in SCI)
- XIV. **A study of heat transfer enhancement in a new solar air heater having circular type turbulators**
ACIR A., ATA İ.
JOURNAL OF THE ENERGY INSTITUTE, vol.89, no.4, pp.606-616, 2016 (Journal Indexed in SCI)
- XV. **Investigation of effect of the circular ring turbulators on heat transfer augmentation and fluid flow characteristic of solar air heater**
ACIR A., ATA İ., Canlı M. E.
EXPERIMENTAL THERMAL AND FLUID SCIENCE, vol.77, pp.45-54, 2016 (Journal Indexed in SCI)
- XVI. **Energy and exergy analyses of a new solar air heater with circular-type turbulators having different relief angles**
ACIR A., ATA İ., Sahin I.
INTERNATIONAL JOURNAL OF EXERGY, vol.20, no.1, pp.85-104, 2016 (Journal Indexed in SCI)

- XVII. **Monte Carlo calculations on transmutation of plutonium and minor actinides of pebble bed high temperature reactor**
ACIR A., Coskun H.
PROGRESS IN NUCLEAR ENERGY, vol.78, pp.380-387, 2015 (Journal Indexed in SCI)
- XVIII. **Optimization of cutting parameters on drill bit temperature in drilling by Taguchi method**
ÇAKIROĞLU R., ACIR A.
MEASUREMENT, vol.46, no.9, pp.3525-3531, 2013 (Journal Indexed in SCI)
- XIX. **AN EXPERIMENTAL INVESTIGATION OF EFFECT OF CUTTING PARAMETERS ON CUTTING ZONE TEMPERATURE IN DRILLING**
YAĞMUR S., ACIR A., ŞEKER U., GÜNAY M.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.28, no.1, pp.1-6, 2013 (Journal Indexed in SCI)
- XX. **Utilization of thorium in a Gas Turbine - Modular Helium Reactor**
Sahin H. M. , EROL Ö., ACIR A.
ENERGY CONVERSION AND MANAGEMENT, vol.63, pp.25-30, 2012 (Journal Indexed in SCI)
- XXI. **LIFE hybrid reactor as reactor grade plutonium burner**
ŞAHİN S., Sahin H. M. , ACIR A.
ENERGY CONVERSION AND MANAGEMENT, vol.63, pp.44-50, 2012 (Journal Indexed in SCI)
- XXII. **Commercial utilization of weapon grade plutonium as TRISO fuel in conventional CANDU reactors**
ŞAHİN S., Sahin H. M. , ACIR A.
ENERGY CONVERSION AND MANAGEMENT, vol.63, pp.17-24, 2012 (Journal Indexed in SCI)
- XXIII. **Neutronic analysis of the PBMR-400 full core using thorium fuel mixed with plutonium or minor actinides**
ACIR A., Coskun H.
ANNALS OF NUCLEAR ENERGY, vol.48, pp.45-50, 2012 (Journal Indexed in SCI)
- XXIV. **Parametric optimization on exergy analysis of a thermal power plant using Taguchi design method**
Baysal E., Bilginsoy A. K. , ACIR A.
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.29, no.2, pp.1313-1326, 2012 (Journal Indexed in SCI)
- XXV. **UTILIZATION OF REACTOR GRADE PLUTONIUM AS ENERGY MULTIPLIER IN THE LIFE ENGINE**
ŞAHİN S., Sahin H. M. , ACIR A.
FUSION SCIENCE AND TECHNOLOGY, vol.61, pp.216-221, 2012 (Journal Indexed in SCI)
- XXVI. **REDUCTION OF WEAPON GRADE PLUTONIUM INVENTORIES IN A THORIUM BURNER**
ŞAHİN S., Sahin H. M. , ACIR A.
FUSION SCIENCE AND TECHNOLOGY, vol.61, pp.250-255, 2012 (Journal Indexed in SCI)
- XXVII. **Application of regression and artificial neural network analysis in modelling of tool-chip interface temperature in machining**
KORKUT İ., ACIR A., BOY M.
EXPERT SYSTEMS WITH APPLICATIONS, vol.38, no.9, pp.11651-11656, 2011 (Journal Indexed in SCI)
- XXVIII. **Derivation of empirical equations for neutronic performance in a thorium fusion breeder with various coolants using regression analysis**
ACIR A., Alakoc N. P.
EXPERT SYSTEMS WITH APPLICATIONS, vol.38, no.8, pp.9619-9625, 2011 (Journal Indexed in SCI)
- XXIX. **EFFECT OF THE MARTENSITE VOLUME FRACTION ON THE MACHINING OF A DUAL-PHASE STEEL USING A MILLING OPERATION**
Topcu O., ÜBEYLİ M., ACIR A.
MATERIALI IN TEHNOLOGIJE, vol.45, no.2, pp.145-150, 2011 (Journal Indexed in SCI)
- XXX. **Criticality and burnup analyses of a PBMR-400 full core using Monte Carlo calculation method**
ACIR A., Coskun H., Sahin H. M. , EROL Ö.
ANNALS OF NUCLEAR ENERGY, vol.38, pp.298-301, 2011 (Journal Indexed in SCI)
- XXXI. **Neutronic investigation on the ARIES-ST fusion reactor with fissionable molten salts**

- Uebeyli M., ACIR A.
ENERGY CONVERSION AND MANAGEMENT, vol.51, no.12, pp.2531-2534, 2010 (Journal Indexed in SCI)
- XXXII. **Utilization of TRISO Fuel with LWR Spent Fuel in Fusion-Fission Hybrid Reactor System**
ACIR A., ALTUNOK T.
JOURNAL OF FUSION ENERGY, vol.29, no.5, pp.436-442, 2010 (Journal Indexed in SCI)
- XXXIII. **Criticality and burn up evolutions of the Fixed Bed Nuclear Reactor with alternative fuels**
Sahin S., Sahin H. M. , ACIR A.
ENERGY CONVERSION AND MANAGEMENT, vol.51, no.9, pp.1781-1787, 2010 (Journal Indexed in SCI)
- XXXIV. **Utilization of TRISO fuel with reactor grade plutonium in CANDU reactors**
Sahin S., Sahin H. M. , ACIR A.
NUCLEAR ENGINEERING AND DESIGN, vol.240, no.8, pp.2066-2074, 2010 (Journal Indexed in SCI)
- XXXV. **Effect of Using Thorium Molten Salts on the Neutronic Performance of PACER**
ACIR A., Ubeyli M.
JOURNAL OF FUSION ENERGY, vol.29, no.2, pp.113-118, 2010 (Journal Indexed in SCI)
- XXXVI. **Estimation of Neutronic Performance in a Hybrid Reactor with Regression Analysis**
ACIR A., Alakoc N. P. , YILDIZ K.
JOURNAL OF FUSION ENERGY, vol.28, no.4, pp.427-433, 2009 (Journal Indexed in SCI)
- XXXVII. **Criticality investigations for the fixed bed nuclear reactor using thorium fuel mixed with plutonium or minor actinides**
Sahin S., Sahin H. M. , ACIR A., Al-Kusayer T. A.
ANNALS OF NUCLEAR ENERGY, vol.36, no.8, pp.1032-1038, 2009 (Journal Indexed in SCI)
- XXXVIII. **A Study on the Cutting Force in Milling of Boron Carbide Particle Reinforced Aluminum Composite**
ACIR A., TURGUT Y., Ubeyli M., Gunay M., ŞEKER U.
SCIENCE AND ENGINEERING OF COMPOSITE MATERIALS, vol.16, no.3, pp.187-195, 2009 (Journal Indexed in SCI)
- XXXIX. **A neutronic investigation on a helium cooled hybrid reactor using nitride fuels containing reactor grade plutonium**
Ubeyli M., ACIR A., YALÇIN Ş.
APPLIED ENERGY, vol.85, no.9, pp.855-866, 2008 (Journal Indexed in SCI)
- XL. **Monte Carlo calculation for various enrichment lithium coolant using different data libraries in a hybrid reactor**
Sahin H. M. , ACIR A., Altinok T., YALÇIN Ş.
ENERGY CONVERSION AND MANAGEMENT, vol.49, no.7, pp.1960-1965, 2008 (Journal Indexed in SCI)
- XLI. **CANDU reactor as minor actinide/thorium burner with uniform power density in the fuel bundle**
Sahin S., YALÇIN Ş., YILDIZ K., Sahin H. M. , ACIR A., ŞAHİN N.
ANNALS OF NUCLEAR ENERGY, vol.35, no.4, pp.690-703, 2008 (Journal Indexed in SCI)
- XLII. **On the surface roughness of Al-4%Cu/B4C metal matrix composites machined by milling operation**
Uebeyli M., ACIR A., Karakas M. S. , DEMİR T.
SCIENCE AND ENGINEERING OF COMPOSITE MATERIALS, vol.15, no.2, pp.131-139, 2008 (Journal Indexed in SCI)
- XLIII. **Effect of Feed Rate on Tool Wear in Milling of Al-4% Cu/B(4)C(p) Composite**
Ubeyli M., ACIR A., Karakas M. S. , ÖGEL B.
MATERIALS AND MANUFACTURING PROCESSES, vol.23, no.8, pp.865-870, 2008 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Uranyum Yakıtlı Bir Lazer Sürücülü Füzyon Reaktöründe (LIFE) Nötronik Performansın Hidrojen Üretimine Etkisi**
Asal Ş., Acir A.
Journal of Polytechnic, vol.24, no.2, pp.609-617, 2021 (Refereed Journals of Other Institutions)
- II. **Effect of Hydrogen Generation of The Neutronic Performance in a Laser Inertial Fusion Reactor (LIFE) Fuelled Uranium**

- ASAL Ş., ACIR A.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.24, no.2, pp.609-617, 2021 (Journal Indexed in ESCI)
- III. **Investigation of Criticality and Relative Power Density Distribution in VVER-1000 Nuclear Power Reactor**
Genc Y., Uzun S., ACIR A.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.23, no.4, pp.1379-1385, 2020 (Journal Indexed in ESCI)
- IV. **VVER-1000 Nükleer Güç Reaktöründe Kritiklik ve Bağlı Güç Yoğunluk Dağılımının İncelenmesi**
GENÇ Y., UZUN S., ACIR A.
Politeknik Dergisi, vol.23, no.4, pp.1379-1385, 2020 (Refereed Journals of Other Institutions)
- V. **UGD ve MOX Yakıtı Kullanılarak VVER-1000 Nükleer Reaktöründe Nötronik Ve Termal Performansın İncelenmesi**
UZUN S., GENÇ Y., ACIR A.
Politeknik Dergisi, 2020 (Refereed Journals of Other Institutions)
- VI. **Optimization of the Parameters Affecting the Heat Transfer Enhancement on the Solar Air Collector with Taguchi Method**
ATA İ., ACIR A.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.23, no.2, pp.527-535, 2020 (Journal Indexed in ESCI)
- VII. **Farklı Açıklık Oranlarındaki NACA-0018 Rüzgâr Türbini Kanat Modeli Performansının Sayısal ve Deneysel İncelenmesi**
TANÜRÜN H. E. , ATA İ., CANLI M. E. , ACIR A.
Journal of Polytechnic, vol.23, no.2, pp.371-381, 2020 (Refereed Journals of Other Institutions)
- VIII. **Numerical and Experimental Investigation of NACA-0018 Wind Turbine Aerofoil Model Performance for Different Aspect Ratios**
TANÜRÜN H. E. , ATA İ., Canli M. E. , ACIR A.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.23, no.2, pp.371-381, 2020 (Journal Indexed in ESCI)
- IX. **Hava Akışkanlı Güneş Kollektöründe Isı Transferi İyileştirmesine Etki Eden Parametrelerin Taguchi Metodu ile Optimizasyonu**
ATA İ., ACIR A.
Journal of Polytechnic, vol.23, no.2, pp.527-535, 2020 (Refereed Journals of Other Institutions)
- X. **The Numeric Analysis of Tubercle Effect on Modified NACA-0015 Airfoil**
TANÜRÜN H. E. , ACIR A.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.22, no.1, pp.185-195, 2019 (Journal Indexed in ESCI)
- XI. **LIFE Füzyon Reaktöründe Yüksek Sıcaklıkta Elektroliz Yöntemi İle Hidrojen Üretimi**
ACIR A., AKTI S.
Gazi Mühendislik Bilimleri Dergisi (GMBD), vol.5, no.1, pp.1-8, 2019 (Refereed Journals of Other Institutions)
- XII. **Effects of a circular-shaped turbulator having varying hole numbers on energy and exergy efficiencies of a solar air heater**
ACIR A., Canli M. E. , ATA İ., TANÜRÜN H. E.
INTERNATIONAL JOURNAL OF AMBIENT ENERGY, vol.40, no.7, pp.739-748, 2019 (Journal Indexed in ESCI)
- XIII. **Modelling of Drill Bit Temperature and Cutting Force in Drilling Process Using Artificial Neural Networks**
Cakiroglu R., YAĞMUR S., ACIR A., ŞEKER U.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.20, no.2, pp.333-340, 2017 (Journal Indexed in ESCI)
- XIV. **Delme İşlemlerinde Meydana Gelen Kesme Bölgesi Sıcaklığının ve Kesme Kuvvetlerinin Yapay Sinir Ağları Kullanılarak Modellenmesi**
ÇAKIROĞLU R., YAĞMUR S., ACIR A., ŞEKER U.
Politeknik Dergisi, vol.20, no.2, pp.333-340, 2017 (Other Refereed National Journals)
- XV. **AISI 1050 Çeliğinin Delinmesinde İtme Kuvvetinin Taguchi Metodu ile Optimizasyonu**
YAĞMUR S., ÇAKIROĞLU R., ACIR A., ŞEKER U.
Gazi Üniversitesi Fen Bilimleri Dergisi Part: C Tasarım ve Teknoloji, vol.5, no.2, pp.241-246, 2017 (Other Refereed National Journals)

- XVI. **Numerical and Experimental Investigations of Lift and Drag Performances of NACA 0015 Wind Turbine Airfoil**
izzet ş., ACIR A.
International Journal of Materials, Mechanics and Manufacturing,, vol.3, no.1, pp.22-25, 2015 (Refereed Journals of Other Institutions)
- XVII. **AI2014 MALZEMESİNİN DELİNMESİNDE TAKIM TALAŞ ARA YÜZEY SICAKLIKLARI VE KESME KUVVETİNİN TAGUCHI METODU İLE OPTİMİZASYONU**
ÇAKIROĞLU R., ACIR A.
Makine Teknolojileri Elektronik Dergisi, 2013 (Other Refereed National Journals)
- XVIII. **AISI 1050 Çeliğinin Delinmesinde Kesme Parametrelerinin ve Kaplama Uygulamasının Dairesellikten Sapma Ovalite Üzerindeki Etkilerinin Araştırılması**
YAĞMUR S., ACIR A., ŞEKER U.
POLİTEKNİK DERGİSİ, vol.16, no.3, pp.105-109, 2013 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **NACA 4412 Kanat Modeli Yapısında Çukur Etkisinin Sayısal Analizi**
TANÜRÜN H. E. , ACIR A.
2nd INTERNATIONAL CONFERENCE on ENERGY RESEARCH (ENRES-2019), Muğla, Turkey, 11 - 13 April 2019, pp.133-144
- II. **Bir Termik Santralde Isıl Tersinmezliklerin Enerji Verimliliğine Etkisinin İncelenmesi**
ACIR A., TANÜRÜN H. E.
2nd INTERNATIONAL CONFERENCE on ENERGY RESEARCH (ENRES-2019), Muğla, Turkey, 11 - 13 April 2019, pp.126-132
- III. **Bir Hibrid Reaktörde Yakıt Çubuklarında Sıcaklık Dağılımına Lityum Zenginleştirmenin Etkisi**
ACIR A., TANÜRÜN H. E. , TUNÇ T. S.
2nd International Conference on Energy Research, Muğla, Turkey, 11 - 13 April 2019
- IV. **NACA 4412 KANAT MODELİ YAPISINDA ÇUKUR ETKİSİNİN SAYISAL ANALİZİ**
SALMAN M., TANÜRÜN H. E. , ACIR A., KAYA A. F.
2nd International Conference on Energy Research, Muğla, Turkey, 11 - 13 April 2019
- V. **Hava Akışkanlı Güneş kollektöründe Enerji Ekserji ve Isıl Performans Analizi**
Ata İ., ACIR A.
Int. Conf. on Energy Research, Alanya, Turkey, 31 October - 02 November 2018, pp.170-177
- VI. **Thermal Analysis in VVER 100 Reactor using Nanofluid Coolant mixed alumina**
UZUN S., ACIR A.
CIEA 2018 Int. Conf. on Innovative Eng. Applications, Sivas, Turkey, 20 - 22 September 2018, pp.195-201
- VII. **Güneş Enerjisinin Isıl Olarak Depolanması**
CANLI M. E. , TANÜRÜN H. E. , ACIR A.
1st International Symposium on Multidisciplinary Studies and Innovative Technologies (1. Uluslararası Multidisipliner Çalışmalar ve Yenilikçi Teknolojiler Sempozyumu), Antalya, Turkey, 11 - 13 April 2018, pp.90
- VIII. **AISI 1050 ÇELİĞİNİN DELİNMESİNDE KESME PARAMETRELERİNİN KESME MOMENTİ ÜZERİNDEKİ ETKİSİNİN YAPAY SİNİR AĞLARI YÖNTEMİYLE İNCELENMESİ**
YAĞMUR S., ÇAKIROĞLU R., ACIR A., ŞEKER U.
8th International Symposium on Machining, Antalya, Turkey, 2 - 04 November 2017, pp.180-191
- IX. **Extended Burnup using Reactor Grade Plutonium in Candu Reactor with Various Triso Packing Fractions**
ACIR A., UZUN S.
8th International Advanced Technologies Symposium, Elazığ, Turkey, 19 - 22 October 2017, pp.2230-2235
- X. **Effect of the Condenser Pressure of Thermal Power Plant Efficiency**
ACIR A., UZUN S.

8th International Advanced Technologies Symposium, Elazığ, Turkey, 19 - 22 October 2017, pp.2236-2241

- XI. **Al 2014 Malzemesinin Delinmesinde Meydana Gelen Çaptan Sapmanın Taguchi Methodu ile Optimizasyonu**
ÇAKIROĞLU R., YAĞMUR S., TURGUT Y., ACIR A.
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