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Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Makine Mühendisliği, Turkey 2008 - 2012

Doctorate, Drexel University, Department Of Mechanical Engineering And Mechanics, (Doktora İçi Araştırma) [18 Ay], United States Of America 2010 - 2011

Doctorate, Pennsylvania State University University College Park Campus, Mechanical Engineering, (Doktora İçi Araştırma) [2 Ay], United States Of America 2009 - 2009

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Makine Mühendisliği, Turkey 2006 - 2008

Dissertations

Doctorate, NÜKLEER HİDROJEN ÜRETİMİ VE ÜRETİLEN HİDROJENİN POLİMER ELEKTROLİT MEMBRANLI YAKIT HÜCRELERİNDE UYGULAMASI, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği, 2012

Postgraduate, ÇEŞİTLİ İŞ PARÇALARINA UYGULANAN HAREKETLİ ISI KAYNAĞININ ETKİLERİNİN ANALİZİ, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği, 2008

Research Areas

Technical Sciences, Mechanical Engineering, Energy, Energy storage technologies, Hydrogen Technologies and Fuel Cells

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Review on the Applications of Biomass-Derived Carbon Materials in Vanadium Redox Flow Batteries**
Dogan H., Taş M., Meseli T., Elden G., Genç G.
ACS OMEGA, vol.8, no.38, pp.34310-34327, 2023 (SCI-Expanded)
- II. **A numerical evaluation of felt electrodes in a vanadium redox flow battery**
Taş M., Alphonse P., Elden G.
INTERNATIONAL JOURNAL OF GREEN ENERGY, vol.20, no.11, pp.1119-1136, 2023 (SCI-Expanded)
- III. **Novel electrode design having gradually increasing porosity in a vanadium redox flow battery**
Alphonse P., Taş M., Elden G.
FUEL, vol.333, no.1, pp.1-12, 2023 (SCI-Expanded)

- IV. **Three-dimensional and anisotropic numerical analysis of a PEM fuel cell**
Taş M., Elden G.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.47, no.45, pp.19758-19771, 2022 (SCI-Expanded)
- V. **An experimental and numerical study of the exchange current density in an HTPEM fuel cell**
Celik M., Elden G.
FUEL CELLS, vol.21, pp.529-540, 2021 (SCI-Expanded)
- VI. **THE INVESTIGATION OF THERMAL BEHAVIOR IN A VANADIUM REDOX FLOW BATTERY DURING CHARGE AND DISCHARGE PROCESSES**
Alphonse P., Elden G.
Journal of Energy Storage, vol.40, 2021 (SCI-Expanded)
- VII. **An Experimental Investigation of the Effects of Operating Conditions on Anisotropic Electrical Conductivity in a PEM Fuel Cell**
Taş M., Elden G.
FUEL CELLS, vol.20, no.5, pp.531-539, 2020 (SCI-Expanded)
- VIII. **The effects of temperature on transport phenomena in phosphoric acid doped polybenzimidazole polymer electrolyte membrane fuel cell**
ELDEN G., Celik M., GENÇ G., YAPICI H.
ENERGY, vol.103, pp.772-783, 2016 (SCI-Expanded)
- IX. **Transient thermal stress distribution in a circular pipe heated externally with a periodically moving heat source**
Ozisik G., GENÇ M. S., YAPICI H.
INTERNATIONAL JOURNAL OF PRESSURE VESSELS AND PIPING, vol.99, pp.9-22, 2012 (SCI-Expanded)
- X. **Hydrogen production via water splitting process in a molten-salt fusion breeder**
Ozisik G., Demir N., Ubeyli M., Yapici H.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.35, no.14, pp.7357-7368, 2010 (SCI-Expanded)
- XI. **Non-uniform temperature gradients and thermal stresses produced by a moving heat flux applied on a hollow sphere**
Yapici H., Ozisik G., GENÇ M. S.
SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, vol.35, no.2, pp.195-213, 2010 (SCI-Expanded)
- XII. **A numerical study of the thermally induced stress distribution in a rotating hollow disc heated by a moving heat source acting on one of the side surfaces**
GENÇ M. S., OZISIK G., YAPICI H.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, vol.223, no.8, pp.1877-1887, 2009 (SCI-Expanded)
- XIII. **Modification of PROMETHEUS reactor as a fusion breeder and fission product transmuter**
Yapici H., Oezisik G.
JOURNAL OF FUSION ENERGY, vol.27, no.4, pp.256-270, 2008 (SCI-Expanded)
- XIV. **TEMPERATURE AND THERMAL STRESS DISTRIBUTION IN A PLATE HEATED FROM ONE SIDE SURFACE WITH A MOVING HEAT SOURCE**
Ozisik G., Genc M. S.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.23, no.3, pp.601-610, 2008 (SCI-Expanded)
- XV. **Transient temperature and thermal stress distributions in a hollow disk subjected to a moving uniform heat source**
Yapici H., GENÇ M. S., Ozisik G.
JOURNAL OF THERMAL STRESSES, vol.31, no.5, pp.476-493, 2008 (SCI-Expanded)
- XVI. **Investigation of aerodynamics performance of NACA00-12 aerofoil with plain**
GENÇ M. S., Ozisik G., KAHRAMAN N.
ISI BILIMI VE TEKNIGI DERGISI-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.28, no.1, pp.1-8, 2008 (SCI-Expanded)

Articles Published in Other Journals

- I. **A comprehensive review of carbon-based and metal-based electrocatalysts in the vanadium redox flow battery**
Taş M., Elden G.
ENERGY STORAGE, vol.4, no.2, pp.1-22, 2022 (Peer-Reviewed Journal)
- II. **A study on different flow channel shapes in a vanadium redox flow battery with serpentine flow field**
Kayali I., Elden G.
INTERNATIONAL JOURNAL OF SUSTAINABLE AVIATION, vol.7, no.4, pp.334-353, 2021 (ESCI)
- III. **Investigation of The Biogas and Electric Production Potential and Cost from The Cattle Waste in Kayseri**
Nuralan Poyraz H., Elden G., Genç G.
Dicle Üniversitesi Mühendislik Fakültesi, vol.11, pp.1175-1185, 2020 (Peer-Reviewed Journal)
- IV. **The Effects of Integration of a Hybrid System on System Parameters in a Light Rail System Vehicle**
Elden G., Tanşu A.
Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, vol.6, no.2, pp.278-297, 2019 (Peer-Reviewed Journal)
- V. **Numerical Investigation of Anisotropic Electrical Conductivity Effects in Proton Exchange Membrane Fuel Cell**
Taş M., Elden G.
Avrupa Bilim ve Teknoloji Dergisi, vol.2017, pp.2-6, 2017 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **The Effect of Porosity on Performance in a Vanadium Redox Flow Battery**
Alphonse P., Taş M., Elden G.
in: Progress in Sustainable Aviation, T. Hikmet Karakoç, Can Özgür Çolpan, Alper Dalkıran, Editor, Springer Nature, Berlin, pp.101-116, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. **Effects of Boron Electrocatalyst Purity on Positive Half-Cell Redox Reactions of Vanadium Redox Flow Battery**
Taş M., Elden G.
7th Anatolian School of Catalysis (ASC-7), İzmir, Turkey, 1 - 05 September 2024, pp.37
- II. **The synthesis of carbon material from biomass for energy conversion and storage**
Meşeli T., Doğan H., Elden G., Genç G.
International Symposium on Materials for Energy Storage and Conversion 2023 (mESC-IS 2023), Muğla, Turkey, 17 - 21 July 2023, pp.160
- III. **Nitrogen-Doped Electrocatalyst from Tangerine Peels-Derived Biochar for Energy Storage and Conversion Applications**
Doğan H., Meşeli T., Genç G., Elden G.
International Symposium on Materials for Energy Storage and Conversion 2023 (mESC-IS 2023), Muğla, Turkey, 17 - 21 July 2023, pp.162
- IV. **Determination of Electrochemical Pretreatment Potential Limits, Cycle Number and Scan Rate Effects**
Taş M., Elden G., Challuri S. V. A. K., Noack J.
244th ECS Meeting, Gothenburg, Sweden, 8 - 12 October 2023, pp.1
- V. **Synthesis of Activated Carbon from Hazelnut Shells**
Özüdoğru M., Meşeli T., Doğan H., Elden G., Genç G.

7th International Hydrogen Technologies Congress (IHTEC), Elazığ, Turkey, 10 - 12 May 2023, pp.595-597

- VI. **EVALUATION OF ENERGY PLANTS IN ENERGY AREAS**
MEŞELİ T., DOĞAN H., ELDEN G., GENÇ G.
INTERNATIONAL ASIAN CONGRESS ON CONTEMPORARY SCIENCES - VII, Olongapo, Philippines, 09 December 2022
- VII. **Numerical Analysis of Mechanical Behavior of Gasket Under Different Thicknesses and Clamping Forces**
Taş M., Alphonse P., Boğa B., Atasoy H., Meşeli T., Elden G.
The 2nd World Energy Storage Conference (WESC 2022), İstanbul, Turkey, 18 - 21 December 2022, pp.1-4
- VIII. **Green Synthesis And Characterization Of Porous Biocarbon Materials**
Doğan H., Meşeli T., Genç G., Elden G.
2nd INTERNATIONAL CONFERENCE ON ENERGY, ENVIRONMENT AND STORAGE OF ENERGY, Kayseri, Turkey, 1 - 03 September 2022, pp.1
- IX. **FACILE SYNTHESIS FOR POROUS CARBON FROM BIOMASS SUGARCANE BAGASSE**
Meşeli T., Doğan H., Elden G., Genç G.
23rd World Hydrogen Energy Conference (WHEC-2022), İstanbul, Turkey, 26 - 30 June 2022, pp.127
- X. **The Impact of Ambient Temperature on HighTemperature PEM Fuel Cell**
Alphonse P., Taş M., Elden G.
23rd World Hydrogen Energy Conference (WHEC 2022), İstanbul, Turkey, 26 - 30 June 2022, pp.163
- XI. **MICROWAVE-ASSISTED SYNTHESIS OF POROUS CARBON FROM PEANUT SHELLS**
Doğan H., Meşeli T., Genç G., Elden G.
23rd World Hydrogen Energy Conference (WHEC-2022), İstanbul, Turkey, 26 June - 30 July 2022, pp.160
- XII. **A Preliminary Study for Production of Seals from Recycled Materials**
Boğa B., Atasoy H., Taş M., Elden G.
International World Energy Conference (IWEC 2021), Kayseri, Turkey, 3 - 04 December 2021, pp.1-5
- XIII. **A Numerical Analysis on Porosity Distribution in the Electrode for a Vanadium Redox Flow Battery**
Alphonse P. J., Taş M., Elden G.
The 5th International Conference on Alternative Fuels , Energy and Environment : Futures and Challenges (ICAFEE 2021), Kayseri, Turkey, 16 - 18 October 2021, pp.1-8
- XIV. **The effects of heat treatment on the felt electrodes in Vanadium Redox Flow Battery**
Taş M., Elden G.
International Symposium on Materials for Energy Storage and Conversion 2021 (mESC-IS 2021), Muğla, Turkey, 14 - 17 September 2021, pp.1-4
- XV. **A Numerical Analysis on Vanadium Redox Flow Battery Based on Different Nafion Membranes**
Alphonse P., Elden G.
International Symposium on Materials for Energy Storage and Conversion 2021 (mESC-IS 2021), Muğla, Turkey, 14 - 17 September 2021, pp.1-5
- XVI. **The Effects of Anisotropic Electrical Conductivity Depending on Operating Conditions on Gas Diffusion Layers in Pem Fuel Cell**
Taş M., Elden G.
International Hydrogen Technologies Congress (IHTEC-2021), Niğde, Turkey, 26 - 28 May 2021, pp.1-3
- XVII. **Comparison of Commercial Electrodes in terms of Mass and Charge Transports in a Vanadium Redox Flow Battery**
Taş M., Alphonse P. J., Kayalı İ., Elden G.
International Symposium on Electric Aviation and Autonomous Systems 2020 (ISEAS 2020), 22 - 24 September 2020, pp.89-92
- XVIII. **Numerical Study Investigating the Effect of Channel Geometry on Performance in Vanadium Redox Flow Battery**
Kayalı İ., Alphonse P. J., Taş M., Elden G.
International Symposium on Electric Aviation and Autonomous Systems 2020 (ISEAS 2020), 22 - 24 September 2020, pp.97-101

- XIX. The Effects of Electrode Porosity on Heat Transfer in a Vanadium Redox Flow Battery**
Alphonse P. J., Taş M., Kayalı İ., Elden G.
International Symposium on Electric Aviation and Autonomous Systems 2020 (ISEAS 2020), 22 - 24 September 2020, pp.102-105
- XX. Numerical Investigation Of Backpressure And Flow Channel Characterization Effects In Pem Fuel Cell**
TAŞ M., YILDIRIM C., ELDEN G.
16th International Conference on Clean Energy (ICCE'18), Gazimagusa, Cyprus (Kkctc), 9 - 11 May 2018, pp.1-9
- XXI. Investigation of the effect of single stage and four-stage clamping pressure on electrical resistance of GDL**
Taş M., Elden G.
Third International Hydrogen Technologies Congress (IHTEC 2018), Antalya, Turkey, 15 - 18 March 2018, pp.138-142
- XXII. The Deformation Analysis of H3PO4 Doped PBI Based Membrane Electrode Assemblies**
ÇELİK M., TAŞ M., ELDEN G.
1st INTERNATIONAL CONFERENCE ON ENERGY SYSTEMS ENGINEERING, Karabük, Turkey, 2 - 04 November 2017
- XXIII. The Deformation Analysis of H3PO4 Doped PBI Based Membrane Electrode Assemblies**
Taş M., Çelik M., Elden G.
International Conference on Energy Systems Engineering, (ICESE'17) 2017, Karabük, Turkey, 2 - 04 November 2017, pp.120-123
- XXIV. The effect of the relative humidity on the activation polarization in a PBI based PEM fuel cell**
ÇELİK M., ELDEN G.
4th INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING (ICCESEN-2017), Antalya, Turkey, 4 - 08 October 2017
- XXV. The effect of porosity on performance of phosphoric acid doped polybenzimidazole polymer electrolyte membrane fuel cell**
Celik M., GENÇ G., ELDEN G., YAPICI H.
10th Anniversary International Conference on Experimental Fluid Mechanics, Prague, Czech Republic, 17 - 20 November 2015, vol.114
- XXVI. Effect of Relative Humidity on the Performance of a High Temperature PEM Fuel Cell**
ÇELİK M., ÖZİŞİK G.
INTERNATIONAL CONFERENCE ON ENERGY SYSTEMS ISTANBUL 2015, İstanbul, Turkey, 23 - 25 December 2015
- XXVII. The Effect of Microporous Layer in Phosphoric Acid Doped Polybenzimidazole Polymer Electrolyte Membrane Fuel Cell**
ÇELİK M., ELDEN G., GENÇ G., YAPICI H.
International Conference and Exhibition on Mechanical & Aerospace Engineering, San Antonio, United States Of America, 30 September - 02 October 2013, pp.1-8
- XXVIII. POLİMER ELEKTROLİT MEMBRANLI YAKIT HÜCRESİNDE ELEKTROLİT FAZ POTANSİYELİNİN İNCELENMESİ**
ÖZİŞİK G., KUMBUR E. Ç., YAPICI H.
ULIBTK'13 19. Ulusal Isı Bilimi ve Tekniği Kongresi, Samsun, Turkey, 9 - 12 September 2013, pp.1443-1449
- XXIX. H3PO4 Katkılı Polybenzimidazol (PBI) Esaslı PEM Yakıt Hücresinin Performansının Sayısal Modellenmesi**
ÖZİŞİK G., Çelik M., GENÇ G., YAPICI H.
ULIBTK'13 19. Ulusal Isı Bilimi ve Tekniği Kongresi, Samsun, Turkey, 9 - 12 September 2013, pp.463-469
- XXX. Hidrokarbonlardan Buhar Reformasyonu Yolu İle Hidrojen Üretiminin Analizi**
ÖZİŞİK G., KAYATAŞ DEMİR N., YAPICI H.
V.Yeni ve Yenilenebilir Enerji Kaynakları Sempozyumu, Kayseri, Turkey, 16 - 17 October 2009, pp.48-54
- XXXI. Füzyon Sürücülü Sistemlerde Yüksek Sıcaklıklı Elektroliz Yoluyla Hidrojen Üretimi Üzerine Parametrik Çalışma**
ÖZİŞİK G., KAYATAŞ DEMİR N., Yalçın Ş., YAPICI H.
IV. Ulusal Hidrojen Enerjisi Kongresi (UHK 2009) ve Sergisi, Kocaeli, Turkey, 15 - 17 October 2009, pp.98-108

- XXXII. **Hareketli Isı Kaynağına Maruz Kalan İçi Boş Bir Kürede Meydana Gelen Üniform Olmayan Sıcaklık Ve Isıl Gerilme Dağılımları**
ÖZİŞİK G., GENÇ M. S., YAPICI H.
ULIBTK-09 17. Ulusal Isı Bilimi ve Tekniği Kongresi, Sivas, Turkey, 24 - 27 June 2009, pp.542-548
- XXXIII. **A Parametric Study On Hydrogen Production Via Steam-Methane Reforming In Fusion-Driven Systems**
ÖZİŞİK G., KAYATAŞ DEMİR N., Yalçın Ş., Kahraman N., YAPICI H.
ULIBTK09 17. Ulusal Isı Bilimi ve Tekniği Kongresi, Sivas, Turkey, 24 - 27 June 2009, pp.256-262
- XXXIV. **A Parametric Study On Hydrogen Production From Sulfur-Iodine Cycle In Fusion-Driven Systems**
ÖZİŞİK G., KAYATAŞ DEMİR N., YAPICI H., Kahraman N., Yalçın Ş.
International Conference on Hydrogen Production, Oshawa, Canada, 3 - 06 May 2009, pp.47-53
- XXXV. **Modification of Prometheus Reactor as a Fission Product Transmuter Fueled with the Ceramic Uranium Mono-Carbide and a Mixture of Uranium and Plutonium Carbides**
ÖZİŞİK G., Altunok T., YAPICI H.
The Fifth Eurasian Conference Nuclear Science and Its Application, Ankara, Turkey, 14 - 17 October 2008, pp.215-222
- XXXVI. **Long-Lived Fission Product Transmutation and Fissile Breeding Potentials of a Lead-Bismuth Eutectic Cooled Accelerator-Driven Sub-Critical System**
GENÇ G., KAYATAŞ DEMİR N., ÖZİŞİK G., YAPICI H.
The Fifth Eurasian Conference Nuclear Science and Its Application, Ankara, Turkey, 14 - 17 October 2008, pp.284-290
- XXXVII. **Hareketli Isı Kaynağına Maruz Kalan Çeşitli Parçalarda Termal Gerilme Dağılımlarının İncelenmesi**
ÖZİŞİK G., GENÇ M. S., YAPICI H.
II. Ulusal Havacılık ve Uzay Konferansı, İstanbul, Turkey, 15 - 17 October 2008, pp.312-318
- XXXVIII. **Investigation of Aerodynamics Performance of Moving Airfoil and Flap Using Dynamic Mesh**
GENÇ M. S., ÖZİŞİK G.
The 4th Ankara International Aerospace Conference AIAC'2007, Ankara, Turkey, 10 - 12 September 2007, pp.85-90
- XXXIX. **Flaplı kanat profiline aerodinamik performansı, 16. Ulusal Isı Bilimi ve Tekniği Kongresi**
GENÇ M. S., ÖZİŞİK G., Kahraman N.
16. Ulusal Isı Bilimi ve Tekniği Kongresi, ULIBTK'07, Kayseri, Turkey, 30 May - 02 June 2007, pp.5-11
- XL. **Hareketli ısı kaynağı ile çevresel olarak ısıtılan dairesel bir borudaki geçici termal gerilme dağılımı**
ÖZİŞİK G., GENÇ M. S.
16. Ulusal Isı Bilimi ve Tekniği Kongresi, ULIBTK'07, Kayseri, Turkey, 30 May - 02 June 2007, pp.87-93
- XLI. **Hareketli ısı kaynağına maruz kalan içi boş bir diskde sıcaklık ve termal gerilme dağılımları**
ÖZİŞİK G., GENÇ M. S.
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Supported Projects

KAHRAMAN N., ÖZİŞİK G., GENÇ M. S., Project Supported by Higher Education Institutions, UÇAK KANAT PROFİLİ ÜZERİNDEKİ AKIŞIN KONTROLÜ, 2006 - Continues

ELDEN G., TAŞ M., Project Supported by Higher Education Institutions, PEM yakıt hücresi performansı üzerine anizotropik elektriksel iletkenlik ve direnç etkilerinin deneysel ve sayısal araştırılması, 2017 - 2019

ELDEN G., ÇELİK M., Project Supported by Higher Education Institutions, PBI ESASLI PEM YAKIT HÜCRESİNDE İŞLETME PARAMETRELERİNİN DEĞİŞKEN AKIM YOĞUNLUĞUNA ETKİSİNİN SAYISAL VE DENEYSEL İNCELENMESİ, 2015 - 2017

GENÇ G., ÖZİŞİK G., ÇELİK M., Project Supported by Higher Education Institutions, PBI ESASLI PEM YAKIT PİLİNDEKİ SUYUN TRANSFERİ, 2014 - 2016

YAPICI H., GENÇ G., ÖZİŞİK G., Çelik M., ÖZTÜRK O., Project Supported by Higher Education Institutions, FOSFORİK ASİT - POLYBENZİMİDAZOL ESASLI POLİMER ELEKTROLİT MEMBRANLI YAKIT PİLİNDEKİ SUYUN TRANSFERİNİN

ARAŞTIRILMASI, 2012 - 2014

GENÇ G., YAPICI H., ÖZİŞİK G., ÖZTÜRK O., Project Supported by Higher Education Institutions, PBI esaslı membranda su buharının difüzyon katsayısının deneysel olarak belirlenmesi, 2012 - 2014

YAPICI H., ÖZİŞİK G., SELÇUKLU S. B., KAHRAMAN N., DALDABAN F., TÜRKOĞLU O., ÖZLÜ H., KAYATAŞ DEMİR N., ÜSTKOYUNCU N., ERSOY E., et al., Project Supported by Higher Education Institutions, Hidrojen Teknolojisi, Polimer Elektrolit Membranlı Yakıt Hücresi Araştırma Projesi, 2010 - 2014

YAPICI H., ÖZİŞİK G., Project Supported by Higher Education Institutions, NÜKLEER HİDROJEN ÜRETİMİ VE ÜRETİLEN HİDROJENİN POLİMER ELEKTROLİT MEMBRANLI YAKIT HÜCRELERİNDE UYGULAMASI, 2010 - 2013

AKANSU S. O., GENÇ M. S., ÖZİŞİK G., DOĞAN Z., Project Supported by Higher Education Institutions, AKIŞKANLAR MEKANİĞİ TEMEL PARAMETRELERİNİN RÜZGAR TÜNELİNDE İNCELENMESİ., 2007 - 2009

KAHRAMAN N., ÖZİŞİK G., DOĞAN Z., GENÇ M. S., Project Supported by Higher Education Institutions, RÜZGAR TÜNELİNDE UÇAK KANATLARI ETRAFINDAKİ AKIŞIN KONTROLÜ VE İYİLEŞTİRİLMESİ., 2007 - 2009

Metrics

Publication: 64

Citation (WoS): 164

Citation (Scopus): 164

H-Index (WoS): 8

H-Index (Scopus): 8

Scholarships

Bilim İnsanı Yetiştirme Projesi (18 ay), Drexel University, USA., University, 2010 - 2011

Awards

ELDEN G., Bilimsel Yayın Onur Ödülü, Erciyes Üniversitesi, Mühendislik Fakültesi, July 2010

ELDEN G., Bilimsel Yayın Onur Ödülü, Erciyes Üniversitesi, Mühendislik Fakültesi, July 2008