

Prof. HAKAN ATEŞ

Personal Information

Email: hates@gazi.edu.tr

Web: <https://avesis.gazi.edu.tr/hates>

International Researcher IDs

ScholarID: 07CU7TEAAAAJ

ORCID: 0000-0002-5132-4107

Publons / Web Of Science ResearcherID: J-9452-2015

ScopusID: 7003483534

Yoksis Researcher ID: 113753

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Metal Eğitimi (Dr), Turkey 1997 - 2003

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Metal Eğitimi (YI) (Tezli), Turkey 1993 - 1996

Undergraduate, Gazi University, Teknik Eğitim Fakültesi, Metal Eğitimi Bölümü, Turkey 1990 - 1992

Dissertations

Doctorate, Investigation of the weldability of ferritic super alloys by friction welding, Gazi University, Fen Bilimleri Enstitüsü, Metal Eğitimi (Dr), 2003

Postgraduate, The effect of O₂ and CO₂ addition to argon gas on weld metal toughness and microstructure in Mig-mag welding , Gazi University, Fen Bilimleri Enstitüsü, Metal Eğitimi (YI) (Tezli), 1996

Research Areas

Construction and Manufacturing, Welding Methods, Testing and Control of Materials, Mechanical Properties, Nondestructive Testing, Plating, Material Characterization, Metallic Materials, Nanomaterials

Academic Titles / Tasks

Professor, Gazi University, Teknoloji Fakültesi, Metalurji ve Malzeme Mühendisliği, 2017 - Continues

Professor, Gazi University, Araştırma Ve Uygulama Merkezleri, Kaynak Ve Birleştirme Teknolojileri Araştırma Ve Uygulama Merkezi, 2017 - 2021

Associate Professor, Gazi University, Teknoloji Fakültesi, Metalurji ve Malzeme Mühendisliği, 2010 - 2017

Associate Professor, Gazi University, Araştırma ve Uygulama Merkezleri, Kaynak ve Birleştirme Teknolojileri Araştırma ve Uygulama Merkezi, 2014 - 2016

Assistant Professor, Gazi University, Teknik Eğitim Fakültesi, Metalurji Eğitimi, 2007 - 2010

Research Assistant, Gazi University, Teknik Eğitim Fakültesi, Metalurji Eğitimi, 1993 - 2007

Academic and Administrative Experience

Yükseköğretim Kurulu Üyesi, Gazi University, Tusaş - Kazan Meslek Yüksek Okulu, 2020 - Continues
Assistant Manager of Research and Application Center, Gazi University, Teknoloji Fakültesi, Metalurji ve Malzeme Mühendisliği, 2013 - 2021
Gazi University, Teknoloji Fakültesi, 2013 - 2019
Gazi University, Teknoloji Fakültesi, 2013 - 2019
Deputy Head of Department, Gazi University, Teknik Eğitim Fakültesi, Metal Eğitimi, 2008 - 2009
Erasmus Coordinator, Gazi University, Teknik Eğitim Fakültesi, Metal Eğitimi, 2004 - 2008

Courses

Introduction to Nanomaterials, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
Mezuniyet Projesi, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2018 - 2019, 2017 - 2018
Nanomaterials, Synthesis and characterization, Postgraduate, 2021 - 2022, 2017 - 2018, 2016 - 2017
Manufacturing Process, Undergraduate, 2021 - 2022, 2018 - 2019, 2017 - 2018, 2016 - 2017
Materials Science II, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
Materials Science, Undergraduate, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
Materials Science I, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
Transport Phenomena, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
Composite Materials, Doctorate, 2020 - 2021
Nanosilicon Materials, Postgraduate, 2021 - 2022, 2017 - 2018
Microjoinings, Postgraduate, 2020 - 2021
Microjoining, Postgraduate, 2017 - 2018
Kaynak Mühendisliği Yaklaşımları, Postgraduate, 2017 - 2018

Advising Theses

ATEŞ H., The Effect Of Urban Design On Traffic Safety, Doctorate, M.ANBARİ(Student), 2021
ATEŞ H., Azo Coating And Characterization Of Silicon Nanowires Using Ald Method, Postgraduate, İ.KUPA(Student), 2020
ATEŞ H., Characterizations And Diode Properties Of ZnO, TiO₂ And HfO₂ Thin Films Produced By Ald, Postgraduate, Y.ALTAN(Student), 2019
ATEŞ H., Synthesis And Characterization Of ZnO Based Tft'S Deposited Under Low Temperature By Ald, Postgraduate, L.DURNA(Student), 2019
ATEŞ H., Production Of Hydroxyapatite Added Kitosan-Polyethylene Oxide Nanofibers Via Electrospinning Method, Postgraduate, Ö.BAŞAK(Student), 2019
ATEŞ H., Saydam iletken elektrot olarak grafen, sentez ve karakterizasyonu, Postgraduate, M.BOZKAYA(Student), 2019
ATEŞ H., Investigation of mechanical and microstructure properties of A 5000 series joined by MIG welding, Postgraduate, M.UZUN(Student), 2014
ATEŞ H., USTA Y., Investigations of weldability of copper and stainless steel using TIG welding, Postgraduate, H.ACAR(Student), 2014
ATEŞ H., INVESTIGATION OF THE JOINT PROPERTIES OF STEEL AND ALUMINIUM PLATES WELDED BY OXY GAS WELDING METHOD WITH HYDROGEN, Postgraduate, M.EMİN(Student), 2010
ATEŞ H., AISI 304 PASLANMAZ ÇELİK İLE GENEL YAPI ÇELİĞİNİN SÜRTÜNME KAYNAK KABİLİYETİNİN ARAŞTIRILMASI, Postgraduate, N.KAYA(Student), 2010
ATEŞ H., Hidrojen gazı ile oksijen-gaz kaynak yönteminde kaynak yapılan çelik ve alüminyum levhaların birleştirme özelliklerinin incelenmesi, Postgraduate, M.EMİN(Student), 2010
ATEŞ H., AISI 304 paslanmaz çelik ile genel yapı çeliğinin sürtünme kaynak kabiliyetinin araştırılması, Postgraduate, N.KAYA(Student), 2010

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigation of Annealing Temperature Effect on Structure and Biofunction in Metal Alloy Implant Production**
Bayırlı A., Orujalipoor I., KOŞARSOY AĞÇELİ G., Oxibayev B., İDE S., Demir O., Dursun A. M., ATEŞ H.
Transactions of the Indian Institute of Metals, vol.77, no.4, pp.1005-1013, 2024 (SCI-Expanded)
- II. **Investigation of the effect of annealing on the structural, morphological and optical properties of RF sputtered WO₃ nanostructure**
Efkere H. İ., Gumrukcu A. E., Özen Y., Kinaci B., Aydın S. Ş., Ates H., Özçelik S.
PHYSICA B-CONDENSED MATTER, vol.622, 2021 (SCI-Expanded)
- III. **Investigations of some physical properties of ALD growth ZnO films: effect of crystal orientation on photocatalytic activity**
Polat Gönüllü M., Cergel M. S., Efkere H. İ., Ateş H.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.32, no.9, pp.12059-12074, 2021 (SCI-Expanded)
- IV. **Investigation of nanomechanical and morphological properties of silane-modified halloysite clay nanotubes reinforced polycaprolactone bio-composite nanofibers by atomic force microscopy**
Bulbul Y. E., Uzunoglu T., Dilsiz N., Yildirim E., Ateş H.
POLYMER TESTING, vol.92, 2020 (SCI-Expanded)
- V. **Investigation of the impact of annealing on the structural, optical and morphological evolution of mixture-phase ALD-TiO₂ films containing brookite**
POLAT GÖNÜLLÜ M., ATEŞ H.
SUPERLATTICES AND MICROSTRUCTURES, vol.147, 2020 (SCI-Expanded)
- VI. **The characteristic evolution of TiO₂/Al₂O₃ bilayer films produced by ALD: Effect of substrate type and wide range annealing temperature**
POLAT GÖNÜLLÜ M., ATEŞ H.
SUPERLATTICES AND MICROSTRUCTURES, vol.142, 2020 (SCI-Expanded)
- VII. **Iron oxide-Si nanoparticle magnetic core-shell induced by the interaction of d-orbitals of Fe²⁺ with reconstructed Si dimer-like defects**
Elhalawany N., Mantey K., Hoang T., BAHÇECİ E., Xu J., ATEŞ H., Gorin D., Yamani Z., Nayfeh M. H.
AIP ADVANCES, vol.10, no.5, 2020 (SCI-Expanded)
- VIII. **Nanoscale structural investigation on Ti-6Al-4V implants produced by using selective laser melting technique: The importance of production angle**
Bayırlı A., İDE S., Orujalipoor I., Demir O., Dursun M., ATEŞ H.
JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T, vol.8, no.3, pp.2796-2801, 2019 (SCI-Expanded)
- IX. **The effect of thickness on the optical, structural and electrical properties of ZnO thin film deposited on n-type Si**
Efkere H. İ., Tataroğlu A., Cetin S. Ş., Topaloglu N., Gonullu M., Ateş H.
JOURNAL OF MOLECULAR STRUCTURE, vol.1165, pp.376-380, 2018 (SCI-Expanded)
- X. **Electronic and Optical Properties of Atomic Layer-Deposited ZnO and TiO₂**
ATEŞ H., Bolat S., Oruc F., Okyay A. K.
JOURNAL OF ELECTRONIC MATERIALS, vol.47, no.8, pp.4508-4514, 2018 (SCI-Expanded)
- XI. **Optical, Electrical, and Crystal Properties of TiO₂ Thin Films Grown by Atomic Layer Deposition on Silicon and Glass Substrates**
Kupa I., Unal Y., Cetin S. Ş., Durna L., Topalli K., Okyay A. K., ATEŞ H.
JOURNAL OF ELECTRONIC MATERIALS, vol.47, no.8, pp.4502-4507, 2018 (SCI-Expanded)
- XII. **Nanosecond pulsed laser ablated sub-10nm silicon nanoparticles for improving photovoltaic conversion efficiency of commercial solar cells**
Rasouli H. R., Ghobadi A., Ghobadi T. G. U., ATEŞ H., Topalli K., Okyay A. K.
JOURNAL OF OPTICS, vol.19, no.10, 2017 (SCI-Expanded)
- XIII. **Effect of deep sub-zero treatment on mechanical properties of AA5XXX aluminum plates adjoined by**

MIG welding technique

ATEŞ H., Ozdemir A. T., Uzun M., Uygur I.

SCIENTIA IRANICA, vol.24, no.4, pp.1950-1957, 2017 (SCI-Expanded)

- XIV. **Characterization of Electrospun Nanofibrous Scaffolds for Nanobiomedical Applications**
Sağlam N., Sağlam S., Ateş H., Sağlam N., Sağlam N.
JOURNAL OF ELECTRONIC MATERIALS, vol.45, no.8, pp.3835-3841, 2016 (SCI-Expanded)
- XV. **Estimation of mechanical properties of welded S355J2+N steel via the artificial neural network**
ATEŞ H., Dursun B., KURT E.
SCIENTIA IRANICA, vol.23, no.2, pp.609-617, 2016 (SCI-Expanded)
- XVI. **MECHANICAL AND MICROSTRUCTURAL PROPERTIES OF FRICTION WELDED AISI 304 STAINLESS STEEL TO AISI 1060 STEEL**
ATEŞ H., Kaya N.
ARCHIVES OF METALLURGY AND MATERIALS, vol.59, no.3, pp.841-846, 2014 (SCI-Expanded)
- XVII. **Effect of Friction Time on Microstructure and Mechanical Properties of Friction Welded AISI 304 Stainless Steel to AISI 1060 Steel**
ATEŞ H., Kaya N.
METALLOFIZIKA I NOVEISHIE TEKHNologii, vol.35, no.2, pp.241-252, 2013 (SCI-Expanded)
- XVIII. **Investigation of Joining Interface of Dissimilar Steels by Friction Welding Technique**
ATEŞ H.
METALLOFIZIKA I NOVEISHIE TEKHNologii, vol.30, no.7, pp.1009-1020, 2008 (SCI-Expanded)
- XIX. **Low-cost and high sensitively microcontroller based control unit for a friction welding machine**
BAYINDIR R., ATEŞ H.
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, vol.189, pp.126-131, 2007 (SCI-Expanded)
- XX. **A novel control unit for a friction welding machine based on computer**
BAYINDIR R., ATEŞ H.
MATERIALS AND MANUFACTURING PROCESSES, vol.22, no.1, pp.102-106, 2007 (SCI-Expanded)
- XXI. **Prediction of gas metal arc welding parameters based oil artificial neural networks**
ATEŞ H.
MATERIALS & DESIGN, vol.28, no.7, pp.2015-2023, 2007 (SCI-Expanded)
- XXII. **Effect of friction pressure on the properties of friction welded MA956 iron-based superalloy**
ATEŞ H., Turker M., Kurt A.
MATERIALS & DESIGN, vol.28, no.3, pp.948-953, 2007 (SCI-Expanded)
- XXIII. **Effect of porosity on thermal conductivity of powder metal materials**
Kurt A., ATEŞ H.
MATERIALS & DESIGN, vol.28, no.1, pp.230-233, 2007 (SCI-Expanded)
- XXIV. **Comparison of the constructed control methods for a friction-welding machine**
BAYINDIR R., ATEŞ H.
MATERIALS AND MANUFACTURING PROCESSES, vol.20, no.2, pp.131-146, 2005 (SCI-Expanded)
- XXV. **Exploring the weldability of powder metal parts**
Kurt A., ATEŞ H., Durgutlu A., Karacif K.
WELDING JOURNAL, vol.83, no.12, pp.34-37, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **Investigating the Impact of Growth Time and Methane Flow on Graphene Synthesis using Nickel Foil**
Bozkaya M., Altuntepe A., Ate H., Zan R.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.24, no.3, pp.1181-1186, 2021 (ESCI)
- II. **Evaluation of sustainable transport strategies for Tehran with thetheir urbanization rate criterion based on the fuzzy ahp method**
Anbari M., Arıkan Öztürk E., Ateş H.

- Journal of Xi'xxan University of Architecture Technology, vol.12, no.7, pp.867-881, 2020 (Peer-Reviewed Journal)
- III. **Urban Design And Upgrading Traffic And Urban Street Safety From The Perspective Of Urban Users (Case Study: Tunalı Hilmi-Ankara Residential Commercial Street)**
Anbari M., Arıkan Öztürk E., Ateş H.
The Journal of International Social Research, vol.13, no.69, pp.506-515, 2020 (Peer-Reviewed Journal)
- IV. **Atomik Katman Biriktirme Tekniğine Genel Bakış: Zno, Tio₂ Ve Al₂O₃ Filmlerin Üretimi**
POLAT GÖNÜLLÜ M., ATEŞ H.
Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, vol.7, no.3, pp.649-660, 2019 (Peer-Reviewed Journal)
- V. **Determination and Improvement of Deposition Parameters of TiO₂ Thin Films via ALD**
BOZKAYA M., KUPA I., POLAT GÖNÜLLÜ M., ZAN R., OKYAY A. K., ATEŞ H.
Journal of Materials Science and Engineering B, vol.9, pp.32-40, 2019 (Peer-Reviewed Journal)
- VI. **Bilimlerin Buluşma Noktası Nanoteknolojiye Kısa Bir Bakış**
SAĞLAM N., Emul E., KORKUSUZ F., ATEŞ H.
Yeni Türkiye, no.89, pp.530-534, 2016 (Peer-Reviewed Journal)
- VII. **Layer-by-Layer Growth of Charged Polymers and Silicon Nanoparticles**
Maximenko Y., Gorin D., Ates H., Svenskaya Y., Elhalawany N., Yamani Z., Yau S., Nayfeh M. H.
BIONANOSCIENCE, vol.6, no.2, pp.147-152, 2016 (ESCI)
- VIII. **Nano Malzemeler için Üretim Yöntemleri**
ATEŞ H., BAHÇECİ E.
Gazi Üniversitesi Fen Bilimleri Dergisi Part C, vol.3, no.2, pp.483-499, 2015 (Peer-Reviewed Journal)
- IX. **Nano parçacıklar ve Nano Teller**
ATEŞ H.
Gazi Üniversitesi Fen Bilimleri dergisi Part C, vol.3, no.1, pp.437-442, 2015 (Peer-Reviewed Journal)
- X. **Joinability of Particulate Reinforced Alumix 231 Based Composite Materials Produced by Powder Metallurgy Route**
ATEŞ H., GÖKMEN U., ÇİNİCİ H., UZUN A., KARAKOÇ H., TÜRKER M.
Metallofizika I Noveishie Tekhnologii, vol.36, no.10, pp.1313-1325, 2014 (Scopus)
- XI. **The microstructure and mechanical properties of joints of technical-grade aluminium gas welded with oxygen-hydrogen flame**
ATEŞ H., Çakır M. E., KURT A., Türker M., UYGUR İ.
WELDING INTERNATIONAL, vol.28, no.10, pp.762-765, 2013 (Scopus)
- XII. **Mikrostruktura i własnościami mechanicznymi złączy z aluminium o czystości technicznej spawanych gazowo-łomieniem tlenu-wodowym**
ATEŞ H., Çakır M. E., KURT A., TÜRKER M., UYGUR İ.
Biuletyn Instytutu Spawalnictwa W Gliwicach, no.4, pp.52-55, 2011 (Peer-Reviewed Journal)
- XIII. **Toz metal Al malzemelerin Sürtünme Karıştırma Kaynağında Devir Sayısının Kaynaklanabilirliğe Etkisi**
ÇAKIR M., KURT A., ATEŞ H.
Mühendis ve Makina, vol.49, no.580, pp.3-8, 2008 (Peer-Reviewed Journal)
- XIV. **Gas Metal Ark Kaynağında Kullanılan Koruyucu Gazlar ve Bunların Metal Transfer Formuna Etkileri,**
ATEŞ H., TÜRKER M.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.1, pp.7-11, 1998 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **2 Uluslararası Kaynak Teknolojileri Konferansı Bildiriler Kitabı**
KURT A., ATEŞ H., DURGUTLU A.
Mina Ajans, Ankara, 2012

Refereed Congress / Symposium Publications in Proceedings

- I. **Development of a New Lining Material with Boron Addition**
DİNLER S. N., SÜRDEM S., ATEŞ H.
International Conference on Advanced Materials Science&Engineering and High Tech Device Applications (ICMATSE), Ankara, Turkey, 27 October 2022
- II. **Effect of Current Type on Ag-TiB₂ Nanocomposite**
COŞMUŞ D., SÜRDEM S., ATEŞ H., KARSLIOĞLU R.
5 th ASIA' International Conference on Surfaces, Coatings and Nanostructured Materials (NANOSMAT-Asia), Ankara, Turkey, 25 October 2021
- III. **Effect of Reinforcement Amount on Ag-CdO Nanocomposite Coatings**
COŞMUŞ D., SÜRDEM S., ATEŞ H., KARSLIOĞLU R.
5 th ASIA' International Conference on Surfaces, Coatings and Nanostructured Materials (NANOSMAT-Asia), Ankara, Turkey, 25 October 2021
- IV. **Titanium Diboride (TiB₂) Reinforced Silver Based Nanocomposite Coatings with Electrodeposition Method**
COŞMUŞ D., BARUT U., SÜRDEM S., ÇANKAYA G., ATEŞ H., KARSLIOĞLU R.
Advanced Materials Science and Engineering and High Tech Device Applications (ICMATSE), Ankara, Turkey, 2 - 04 October 2020
- V. **CdO Reinforced Ag Based Nanocomposite Coating by Pulse and PRC Electrodeposition Method**
COŞMUŞ D., BARUT U., SÜRDEM S., ÇANKAYA G., ATEŞ H., KARSLIOĞLU R.
Advanced Materials Science and Engineering and High Tech Device Applications (ICMATSE), Ankara, Turkey, 2 - 04 October 2020
- VI. **The Effect of Annealing on the Optical and Structural Properties of ZnO Thin Film Deposited on Corning Glass via ALD Technique**
Efker H. İ., Polat Gönüllü M., Özçelik S., Ateş H.
6th International conference on materials science and nanotechnology for next generation (MSNG2019), 16 - 18 October 2019
- VII. **Improvement Growth Time of Graphene Synthesis on Nickel Substrate**
BOZKAYA M., ALTUNTEPE A., ATEŞ H., ZAN R.
6th International conference on materials science and nanotechnology for next generation (MSNG2019), 16 - 18 October 2019
- VIII. **Some Physical Properties of Al₂O₃ Thin Films Grown by ALD**
ÇETİNEL O., POLAT GÖNÜLLÜ M., ATEŞ H.
4th International Conference on Engineering Technology and Applied Sciences (ICETAS), 24 - 28 May 2019
- IX. **Effect of Filler Wire Chemical Composition on Joint Properties of 1050A Aluminum Alloy**
Cetinel o., KILIÇLI V., ATEŞ H.
5th International Conference on Welding Technologies and Exhibition (ICWET'18), Saraybosna, Bosnia And Herzegovina, 26 - 28 September 2018, pp.369-374
- X. **Preparation and Characterization of electrospun Chitosan/PEO/Nano-hydroxyapatite Nanofibrous Scaffolds for Biomedical Applications**
Özkan Ö. B., Emül E., Bachımam K., Ateş H.
International Eurasian Conference on Science, Engineering and Tachnology, Ankara, Turkey, 22 - 23 November 2018, pp.297
- XI. **Laser Ablated Nanoparticles**
ATEŞ H., okyay A. K.
Turkey-Taiwan Healt Sciences Symposium, Ankara, Turkey, 1 - 04 April 2018
- XII. **IN VITRO BIOACTIVITY ASSESSMENT OF POLYMER AND NANO HYDROXYAPETITE (nHAp) NANOFIBERS FOR TISSUE ENGINEERING BY ELECTROSPINNING TECHNIQUE**
EMÜL E., ATEŞ H., SAĞLAM S., KORKUSUZ F., SAĞLAM N., TÜRK M., ERDOĞDU M.
TURKEY-TAIWAN HEALTH SCIENCE SYMPOSIUM, 1 - 04 April 2018

- XIII. AUTOMATED ULTRASONIC TESTING FOR SPIRALLY SAWWELDED PIPES**
ATEŞ H., Buyukyildirim G.
5. International Conference on Welding Technologies and Exhibition, 26 - 28 September 2018, vol.1, pp.421-429
- XIV. NUMERICAL MODELLING OF DYNAMICS OF CRASH BOXCOLLISION GEOMETRY**
Cetinel o., ATEŞ H.
5. International Conference on Welding Technologies and Exhibition, 26 - 28 September 2018, vol.1, pp.241-254
- XV. DIRECT LIQUEFACTION POTENTIAL OF BALIKESIR OLIVEBAGASSE**
DEPCİ T., karta m., AYLIKCI V., ATEŞ H., KARACA H., BAHÇECİ E.
6. EUROPEAN CONFERENCEONRENEWABLE ENERGY SYSTEMS, İstanbul, Turkey, 25 - 27 June 2018, pp.361-366
- XVI. Synthesis and characterization of Au nano particlesby laser ablation technique**
SAĞLAM S., bayram b., TOPALLI K., okyay A. K., ATEŞ H.
ICEN-2018, 2 - 04 May 2018
- XVII. Synthesis and Characterization of Au Nanoparticle by Laser Ablation Technique**
BAYRAM B., SAĞLAM S., TOPALLI K., OKYAY A., ATEŞ H.
ICENS- 2018, KİEV, Ukraine, 02 May 2018
- XVIII. RECIPE OPTIMIZATION FOR SYNTHESIS OF ZNO AND AL₂O₃ THIN FILM BY USING ATOMIC LAYER DEPOSITION**
ATEŞ H., sönmez m., yüksel m., kupa i., BAHÇECİ E., DEPCİ T., POLAT GÖNÜLLÜ M.
4 TH INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES, Kiev, Ukraine, 2 - 06 May 2018, pp.8-12
- XIX. ADSORPTION OF METHYLENE BLUE ON MESOPOROUS NANO SILICA OBTAINED FROM QUARTZITE**
BAHÇECİ E., AYLIKCI V., ATEŞ H., POLAT GÖNÜLLÜ M., çelik a. g., DEPCİ T.
4 TH INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES, Kiev, Ukraine, 2 - 06 May 2018, pp.55-61
- XX. IN VITRO BIOACTIVITY ASSESSMENT OF POLYMER AND NANO HYDROXYAPATITE (nHAp) NANOFIBERS FOR TISSUE ENGINEERING BY ELECTROSPINNING TECHNIQUE**
EMÜL E., ATEŞ H., SAĞLAM S., SAĞLAM N., KORKUSUZ F., TÜRK M., ERDOĞDU M.
TURKEY-TAIWAN HEALTH SCIENCE SYMPOSIUM, 1 - 04 April 2018
- XXI. ALD Yöntemi İle Kaplanan Sementit Karbür Kesici Uçların İşlenebilirliğeEtkisinin Araştırılması**
kaltar s., kupa i., ATEŞ H., BAHÇECİ E.
1st International Symposium on Light Alloys and Composite Materials (ISLAC'18), Karabük, Turkey, 22 - 24 March 2018, pp.123-127
- XXII. Synthesis and Characterization of Al₂O₃ Thin Film by using Atomic Layer Deposition**
çolak t., kupa i., özkan ö. b., ünal Y., efkere H. İ., ORHAN A., POLAT GÖNÜLLÜ M., ATEŞ H.
8th international Advanced technologies symposium, 19 October - 22 December 2017
- XXIII. The study on TiO₂ basedmemristor structures with different amounts of O₂ deposited by sputtering technique**
Efkere H. İ., Çetin S. Ş., Ateş H., Özçelik S.
Turkish Physical Society 33th International Physics Congress, Muğla, Turkey, 6 - 10 September 2017
- XXIV. Electronic and Optical Properties of Atomic Layer Deposited ZnO and TiO₂**
ATEŞ H., BATTAL E., Bolat S., Oruç F., okyay A. K.
5th European Conference on Renewable Energy Systems, 27 - 30 August 2017
- XXV. Optical and Electrical and Crystal properties of TiO₂ Thin Films Grown by Atomic Layer Deposition On Silicon and Glas Substrates**
Kupa İ., Ünal Y., ÇETİN S. Ş., TOPALLI K., Okyay A. K., ATEŞ H.
5th European Conference on Renewable Energy Systems, 27 - 30 August 2017
- XXVI. Effect of Thickness on the optical, structural and electrical properties of ZnO Thin Film Deposited on n-type Si**
Efkere H. İ., TATAROĞLU A., ÇETİN S. Ş., TOPALOĞLU N., ATEŞ H.
4th International Conference on Materials Science and Nanotechnology for next generation, 28 - 30 June 2017
- XXVII. Atomik Katman Biriktirme Tekniği ile Büyütülmüş Al₂O₃ ve ZnO Filmlerin Biriktirme Şartları**

İSMAİL K., YAĞMUR Ü., CANDEMİR D., TOPALLI K., OKYAY A. K., ATEŞ H.

22. YOĞUN MADDE FİZİĞİ ANKARA TOPLANTISI, Ankara, Turkey, 16 December 2016

XXVIII. In vitro Bioactivity Assessment Polymer and Nanohydroxyapatite nHAp Nanofibers for Tissue Engineering Technique

ATEŞ H., SAĞLAM N., Emul E., TÜRK M., SAĞLAM S., ERDOĞDU M.

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Congress and Symposium Activities

5 th ASIA' International Conference on Surfaces, Coatings and Nanostructured Materials (NANOSMAT-Asia, Session Moderator, Ankara, Turkey, 2021

Non Academic Experience

MMS Savunma A.Ş.

Company, Körfez Santrifüj Boru Döküm San ve Tic Ltd Şti, Körfez Santrifüj Boru Döküm San ve Tic Ltd Şti
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Company, MMS Savunma A.Ş., MMS Savunma A.Ş.
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