

Prof. Murat ODUNCUOĞLU

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Gaziantep University, Institute Of Science, Fizik Mühendisliği Abd, Turkey 1999 - 2004

Postgraduate, Gaziantep University, Institute Of Science, Fizik Mühendisliği Abd, Turkey 1997 - 1999

Undergraduate, Gaziantep University, Faculty Of Engineering, Department Of Physics Engineering (English), Turkey 1991 - 1996

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Research Study, Essex University, 2010

Dissertations

Doctorate, A theoretical analysis of GaInNAs/GaAs quantum wells for long wavelength emission, Gaziantep Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Mühendisliği Eabd, 2004

Postgraduate, Effects of growth orientation on the properties of strained semiconductor quantum well lasers, Gaziantep Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Mühendisliği Abd, 1999

Research Areas

Physics, Interdisciplinary Physics and Related Science and Technology Areas, Materials Science, General Physics, Condensed Matter 1: Structural, Mechanical and Thermal Properties, Surfaces, Interfaces, Thin Films and Nanosystems, Natural Sciences

Academic Titles / Tasks

Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics, 2018 - Continues

Associate Professor, Gaziantep University, Teknik Bilimler Myo, Bilgisayar Programlama, 2014 - 2018

Associate Professor, Kilis 7 Aralık University, Sağlık Hizmetleri Myo, Optisyenlik, 2012 - 2014

Academic and Administrative Experience

Kilis 7 Aralık Üniversitesi, Sağlık Hizmetleri Myo, 2012 - 2014

Kilis 7 Aralık Üniversitesi, Rektörlüğe Bağlı Birimler, 2012 - 2014

Kilis 7 Aralık Üniversitesi, Bilgisayar Bilimleri Araştırma Uygulama Merkezi, 2012 - 2014

Kilis 7 Aralık Üniversitesi, Fen Edebiyat Fakültesi, Fizik, 2007 - 2012

Courses

Fizik1, Undergraduate, 2020 - 2021

Fizik 2, Undergraduate, 2019 - 2020

Classical Electromagnetic Theory 1, Undergraduate, 2019 - 2020

Photonic Communications Engineering, Postgraduate, 2016 - 2017

Biyomedikal Fizik, Associate Degree, 2017 - 2018

Matematik 1, Associate Degree, 2017 - 2018

Informatics, Data processing, Undergraduate, 2015 - 2016

Geometrik Optik, Associate Degree, 2013 - 2014

Yarıiletken Lazer Temelleri, Postgraduate, 2012 - 2013

Fizikte Nümerik Analiz, Postgraduate, 2013 - 2014

Advising Theses

ODUNCUOĞLU M., Uzun Dalgaboylu Yarıiletken Doyurulabilen Soğurucu Ayna Yapıların Teorik Olarak İncelenmesi, Postgraduate, S.Çapan(Student), 2014

ODUNCUOĞLU M., Rezonans tünelleme cihazlarının fiziği ve uygulama alanları, Postgraduate, M.Ayaz(Student), 2013

ODUNCUOĞLU M., Az Miktarda Azot Eklenmiş Uzun Dalgaboylu Yüzey Işınması Yapan Lazer Yapılar, Postgraduate, M.Babaoğlu(Student), 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Optimizing P3HT/PCBM-Based Organic Photodetector Performance: Insights from SCAPS 1D Simulation Studies**
Alali A. S., ODUNCUOĞLU M., Touati F.
Nanomaterials, vol.14, no.13, 2024 (SCI-Expanded)
- II. **Development and characterization of Al₂O₃/magnesium oxide/CNTs/ hybrid composites via stir casting method**
Kurt H. I., Ergül E., Başyigit A. B., Oduncuoğlu M., Yilmaz N. F.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART E-JOURNAL OF PROCESS MECHANICAL ENGINEERING, vol.237, no.5, pp.1854-1865, 2023 (SCI-Expanded)
- III. **Electroless nickel-phosphorus and cobalt-phosphorus coatings on multi-walled carbon nanotubes**
Ergul E., Kurt H. I., Oduncuoglu M., Yilmaz N. F.
MATERIALS RESEARCH EXPRESS, vol.7, no.11, 2020 (SCI-Expanded)
- IV. **Surface functionalization of nano MgO particles with Nickel and Cobalt**
Kurt H. I., ERGUL E., Yilmaz N. F., ODUNCUOĞLU M.
MATERIALS RESEARCH EXPRESS, vol.6, no.9, pp.1-10, 2019 (SCI-Expanded)
- V. **Experimental and theoretical analysis of the welding process parameters for UTS with different**

methods

Yilmaz N. F., Kurt H. I., Oduncuoglu M., Ergul E.

MATERIALS RESEARCH EXPRESS, vol.6, no.1, 2019 (SCI-Expanded)

- VI. **A Comparative Study on the Effect of Welding Parameters of Austenitic Stainless Steels Using Artificial Neural Network and Taguchi Approaches with ANOVA Analysis**
Kurt H. I., Oduncuoglu M., Yilmaz N. F., Ergul E., Asmatulu R.
METALS, vol.8, no.5, 2018 (SCI-Expanded)
- VII. **Wear Behavior of Aluminum Matrix Hybrid Composites Fabricated through Friction Stir Welding Process**
Kurt H. I., Oduncuoglu M., Asmatulu R.
JOURNAL OF IRON AND STEEL RESEARCH INTERNATIONAL, vol.23, no.10, pp.1119-1126, 2016 (SCI-Expanded)
- VIII. **A Mathematical Formulation to Estimate the Effect of Grain Refiners on the Ultimate Tensile Strength of Al-Zn-Mg-Cu Alloys**
Kurt H. I., Oduncuoglu M., Kurt M.
METALS, vol.5, no.2, pp.836-849, 2015 (SCI-Expanded)
- IX. **Formulation of the Effect of Different Alloying Elements on the Tensile Strength of the in situ Al-Mg₂Si Composites**
Kurt H. I., Oduncuoglu M.
METALS, vol.5, no.1, pp.371-382, 2015 (SCI-Expanded)
- X. **Application of a Neural Network Model for Prediction of Wear Properties of Ultrahigh Molecular Weight Polyethylene Composites**
Kurt H. I., Oduncuoglu M.
INTERNATIONAL JOURNAL OF POLYMER SCIENCE, 2015 (SCI-Expanded)
- XI. **Effects of Temperature, Time, Magnesium, and Copper on the Wettability of Al/TiC System**
Kurt H. I., Oduncuoglu M.
MATHEMATICAL PROBLEMS IN ENGINEERING, 2015 (SCI-Expanded)
- XII. **GaInNAs-based Heterostructure Vertical Cavity Semiconductor Optical Amplifier for 1.3 μm operation**
Chaqmaqchee F. A. I., Mazzucato S., Oduncuoglu M., Balkan N., Sun Y., Gunes M., Hugues M., Hopkinson M.
NANOSCALE RESEARCH LETTERS, vol.6, 2011 (SCI-Expanded)
- XIII. **THEORETICAL ANALYSIS OF TEMPERATURE AND DOPING DEPENDENCE OF MATERIAL PARAMETERS IN GaInNAs/GaAs QUANTUM WELLS**
Oduncuoglu M.
ROMANIAN JOURNAL OF PHYSICS, vol.56, pp.742-748, 2011 (SCI-Expanded)
- XIV. **Critical layer thickness of GaIn(N)As(Sb) QWs on GaAs and InP substrates for (001) and (111) orientations**
Koksal K., Gonul B., Oduncuoglu M.
EUROPEAN PHYSICAL JOURNAL B, vol.69, no.2, pp.211-218, 2009 (SCI-Expanded)
- XV. **Theoretical study of material parameters of InGaNP/GaP quantum structures**
Oduncuoglu M., Babaoglu M.
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.3, no.3, pp.166-170, 2009 (SCI-Expanded)
- XVI. **A theoretical comparison of the 1.3 μm doped In_xGa_{1-x}NyAs_{1-y}/GaAs quantum well lasers for different x/y concentrations**
Oduncuoglu M., GONUL B.
PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES, vol.27, pp.253-261, 2005 (SCI-Expanded)
- XVII. **Theoretical comparison of the band alignment of conventionally strained and strain-compensated phosphorus- aluminum- and nitrogen-based 1.3 μm QW lasers**
GONUL B., KOCAK F., TOKTAMIS H., Oduncuoglu M.
CHINESE JOURNAL OF PHYSICS, vol.42, no.6, pp.764-775, 2004 (SCI-Expanded)
- XVIII. **Theoretical comparison of the band alignment of conventionally strained and strain-compensated phosphorus- aluminum- and nitrogen-based 1.3 μm QW lasers**

Gönül B., Koçak F., Toktamış H., Oduncuoğlu M.

Chinese Journal of Physics, vol.42, no.6, pp.764-775, 2004 (SCI-Expanded)

XIX. Comparative study of the band-offset ratio of conventionally strained and strain-compensated InGaAs/GaAs QW lasers

TOKTAMIS H., GONUL B., Oduncuoğlu M.

PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES, vol.24, pp.183-186, 2004 (SCI-Expanded)

XX. A theoretical comparison of the pressure dependence of the threshold current of phosphorus-, aluminium- and nitrogen-based 1.3 μ m lasers

GONUL B., Oduncuoğlu M.

SEMICONDUCTOR SCIENCE AND TECHNOLOGY, vol.19, no.1, pp.23-32, 2004 (SCI-Expanded)

XXI. Influence of doping on gain characteristics of GaInNAs/GaAs quantum well lasers

GONUL B., Oduncuoğlu M., DINDAROGLU S., YAGDIRAN B.

SEMICONDUCTOR SCIENCE AND TECHNOLOGY, vol.18, no.2, pp.163-169, 2003 (SCI-Expanded)

Articles Published in Other Journals

- I. **Modelling and Prediction of Covid-19 Epidemic in Turkey comparing with USA and China**
ERGÜL E., KURT H. İ., ODUNCUOĞLU M., YILMAZ N. F.
Journal of Engineering Technology and Applied Sciences, vol.6, no.2, pp.111-126, 2021 (Peer-Reviewed Journal)
- II. **INVESTIGATION OF WEAR WEIGHT LOSS IN ALUMINUM MATRIX COMPOSITES**
ERGÜL E., KURT H. İ., ODUNCUOĞLU M., ÇİVİ C., EYİCİ G.
The International Journal of Materials and Engineering Technology, vol.3, no.2, pp.160-170, 2020 (Peer-Reviewed Journal)
- III. **Optical properties of dilute bismuth semiconductor alloys Az miktarda bizmut eklenen yarıiletken alaşımlarının optik özellikleri**
ODUNCUOĞLU M.
El-Cezeri Journal of Science and Engineering, vol.7, no.3, pp.1355-1361, 2020 (Scopus)
- IV. **WEAR PROPERTIES OF AL-CU-MG COMPOSITES REINFORCED WITH MGO AND MWCNT UNDER DIFFERENT LOADS**
Ergül E., Kurt H. İ., Oduncuoğlu M., Çivi C.
The International Journal of Materials and Engineering Technology, vol.2, no.2, pp.70-75, 2019 (Peer-Reviewed Journal)
- V. **The Influence of Mg on The Tensile and Hardness Properties of Al-Cu-Mg-MgO-CNT Composites**
KAYA A., KURT H. İ., ODUNCUOĞLU M., ERGÜL E.
International Journal of Mechanical and Production Engineering, vol.7, no.11, 2019 (Peer-Reviewed Journal)
- VI. **Compression Strength, Density and Porosity of Al₂O₃-MgO-CNT-Mg Composites**
ÖZDEMİR H. M., KURT H. İ., YILMAZ N. F., ODUNCUOĞLU M.
International Journal of Mechanical and Production Engineering, vol.7, no.11, 2019 (Peer-Reviewed Journal)
- VII. **Influence of Nickel Concentration on Coating of MWCNT**
ERGÜL E., KURT H. İ., ODUNCUOĞLU M., YILMAZ N. F.
International Journal of Mechanical and Production Engineering, vol.7, no.11, 2019 (Peer-Reviewed Journal)
- VIII. **ANN IN ESTIMATION SHEAR MODULUS OF LAMINATE COMPOSITE**
Kurt H. İ., Yılmaz N. F., Oduncuoğlu M.
The International Journal of Materials and Engineering Technology, vol.1, no.1, pp.1-10, 2018 (Peer-Reviewed Journal)
- IX. **TENSILE MODULUS OF LAMINATE COMPOSITES**
Kurt H. İ., Yılmaz N. F., Oduncuoğlu M.
The International Journal of Materials and Engineering Technology, vol.1, no.1, pp.10-13, 2018 (Peer-Reviewed Journal)
- X. **Altlık Tipinin Östenitik Çeliklerde Krom Karbür Çökelmesi Üzerine Etkisinin Araştırılması**

Yılmaz N. F., Kurt H. İ., Oduncuoğlu M., Çakır M. V.

El-Cezeri Journal of Science and Engineering, vol.4, pp.341-348, 2017 (Scopus)

- XI. **Mathematical Formulation of 304 Stainless Steel Welded Arc Stud Welding Method**
Oduncuoğlu M., Yılmaz N. F., Kurt İ. H.
El-Cezerî Journal of Science and Engineering, vol.4, no.3, pp.1, 2017 (Scopus)
- XII. **Design of Electronic Data Acquisiton Unit for Laser Tomography System**
Kazancı H. Ö., Oduncuoğlu M.
El-Cezerî Journal of Science and Engineering, vol.4, pp.53-63, 2017 (Scopus)
- XIII. **Ark Saplama Kaynak Parametrelerinin 6013-T6 Alüminyum Alaşımları Kaynak Bölgesi Mikroyapı Ve Mekanik Özelliklere Etkileri**
Yılmaz N. F., Kurt H. İ., Oduncuoğlu M., Yılmaz M.
El-Cezerî Journal of Science and Engineering, vol.4, no.3, 2017 (Scopus)
- XIV. **The Impact of Attitudes of Students in Economics Department towards Mathematics and Statistic Courses on the Success of Econometrics Course**
YILDIZ B., ODUNCUOĞLU M.
International Journal of Academic Research in Economics and Management Sciences, 2016 (Peer-Reviewed Journal)
- XV. **Lazer Tomografi Yöntemi ile Akciğer Dokusunun İncelenmesi**
Kazancı H. Ö., Oduncuoğlu M.
El-Cezerî Journal of Science and Engineering, vol.2, pp.75-81, 2015 (Scopus)
- XVI. **Optical Properties of In_xGa_{1-x}NyAs_{1-y} GaAs Heterostructure Quantum Well Lasers for 1.3 μm Laser Emission with Different In N Concentrations**
Yaşar S., Bilican İ., ODUNCUOĞLU M., Ağan S., ULUER İ.
International Journal of Scientific and Technological Research, vol.1, no.1, pp.167-175, 2015 (Peer-Reviewed Journal)
- XVII. **The Theoretical Investigation of InGaAs GaAs Quantum Well Lasers Systems**
Yaşar S., Bilican İ., Oduncuoğlu M., Ağan S., Uluer İ.
International Journal of Scientific and Technological Research, vol.1, pp.198-202, 2015 (Peer-Reviewed Journal)
- XVIII. **Theoretical Analysis of Dilute Nitride Vertical Cavity Optical Amplifiers**
ODUNCUOĞLU M.
El-Cezerî Journal of Science and Engineering, vol.1, no.3, pp.25-29, 2014 (Scopus)
- XIX. **A theoretical investigation by DFT method on CR 39 monomer that is a plastic polymer commonly used in the manufacture of eyeglass lenses**
Şen F., DURDU B. G., ODUNCUOĞLU M., Efil K., DİNÇER M.
American Journal of Optics and Photonics, vol.2, no.1, pp.7, 2014 (Peer-Reviewed Journal)
- XX. **Analysis of InGaAs/GaAs quantum wells on (111) GaAs substrates**
ODUNCUOĞLU M., Gönül B.
Balkan Physics Letter, vol.10, pp.209-214, 2002 (Peer-Reviewed Journal)
- XXI. **Influence of the increase in electron mass of GaInNAs/GaAs on the performance of quantum well lasers**
Gönül B., Dindaroğlu S., ODUNCUOĞLU M.
Balkan Physics Letter, vol.10, pp.200-208, 2002 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **State of the Art Review on the Latest Welding Technologies for Aluminum**
KURT H. İ., ERGÜL E., BAŞYİĞİT A. B., ODUNCUOĞLU M.
in: Engineering Sciences New Trends, Concepts and Research, KURT HALİL İBRAHİM, Editor, Livre de Lyon, Lyon, pp.107-132, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **A Hybrid Quantum-Classical Machine Learning Approach to Offshore Wind Farm Power Forecasting**
HANGÜN B., Akpınar E., ODUNCUOĞLU M., ALTUN O., EYECİOĞLU Ö.
2024 13th International Conference on Renewable Energy Research and Applications (ICRERA), Nagasaki, Japan, 09 November 2024, pp.1105-1110
- II. **Silicon-semiconductor Materials For Infrared Photonic Devices**
Karanfil G., ODUNCUOĞLU M.
ICASEM IV (Uluslararası Uygulamalı Bilimler, Mühendislik ve Matematik Kongresi), 20 October 2022
- III. **ANN YÖNTEMİ İLE RELATİF YOĞUNLUK DEĞİŞİMİNİN ARAŞTIRILMASI**
ERGÜL E., KURT H. İ., YILMAZ N. F., ODUNCUOĞLU M.
HEZARFEN International Congress of Science, Mathematics and Engineering, 8 - 10 November 2019
- IV. **AI MATRİSLİ KOMPOZİTLERE ANFİS YAKLAŞIMININ UYGULANMASI**
KURT H. İ., ERGÜL E., ODUNCUOĞLU M.
HEZARFEN International Congress of Science, Mathematics and Engineering, 8 - 10 November 2019
- V. **ALÜMİNYUM MATRİSLİ KOMPOZİTLERDE AŞINMAAĞIRLIK KAYBININ ARAŞTIRILMASI**
ERGÜL E., KURT H. İ., ODUNCUOĞLU M., ÇİVİ C., EYİCİ G.
HEZARFEN International Congress of Science, Mathematics and Engineering, 8 - 10 November 2019
- VI. **AL-MG-AL₂O₃ KOMPOZİTLERİN YAPAY SİNİR AĞLARI YAKLAŞIMI İLE POROZİTE İÇERİĞİNİN ARAŞTIRILMASI**
KURT H. İ., ERGÜL E., YILMAZ N. F., ODUNCUOĞLU M.
The International Conference of Materials and Engineering Technologies, 10 - 12 October 2019
- VII. **AL CU MG MGO MWCNT KOMPOZİTLERİN FARKLI YÜKLER ALTINDA AŞINMA ÖZELLİKLERİNİN İNCELENMESİ**
KURT H. İ., ERGÜL E., ODUNCUOĞLU M., ÇİVİ C.
The International Conference of Materials and Engineering Technologies, 10 - 12 October 2019
- VIII. **INFLUENCE OF NICKEL CONCENTRATION ON COATING OF MWCNT**
ERGÜL E., KURT H. İ., ODUNCUOĞLU M., YILMAZ N. F.
ISER International conference - Kiev, Ukraine, 17 - 18 August 2019
- IX. **COMPRESSION STRENGTH, DENSITY AND POROSITY OF Al₂O₃-MgO-CNT-Mg COMPOSITES**
ÖZDEMİR H. M., KURT H. İ., YILMAZ N. F., ODUNCUOĞLU M.
ISER International conference - Kiev, Ukraine, 17 - 18 August 2019
- X. **THE INFLUENCE OF MG ON THE TENSILE AND HARDNESS PROPERTIES OF Al-Cu-Mg-MgO-CNT COMPOSITES**
KAYA A., KURT H. İ., ODUNCUOĞLU M., ERGÜL E.
ISER International conference - Kiev, Ukraine, 17 - 18 August 2019
- XI. **Nikel kaplanmış çoğul duvarlı karbon nanotüplerin SEM Analizleri**
ERGÜL E., KURT H. İ., ODUNCUOĞLU M., YILMAZ N. F.
6. Uluslararası Multidisipliner Çalışmaları Kongresi (Multicongress Gaziantep), 26 - 27 April 2019
- XII. **6061 alüminyum matrisli kompozitlerin ANFİS modeli**
KURT H. İ., ODUNCUOĞLU M., ERGÜL E.
6. Uluslararası Multidisipliner Çalışmaları Kongresi (Multicongress Gaziantep), 26 - 27 April 2019
- XIII. **Üretilen alüminyum matrisli kompozitlerin fiziksel özelliklerine ait bir çalışma**
KURT H. İ., ERGÜL E., YILMAZ N. F., ODUNCUOĞLU M.
6. Uluslararası Multidisipliner Çalışmaları Kongresi (Multicongress Gaziantep), 26 - 27 April 2019
- XIV. **ALÜMİNA İLE GÜÇLENDİRİLMİŞ METAL MATRİSLİ KOMPOZİTLERİN KARAKTERİZASYONUNUN**
KURT H. İ., ODUNCUOĞLU M., YILMAZ N. F., ERGÜL E.
ÇUKUROVA I. ULUSLARARASI MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, 13 - 16 December 2018
- XV. **TİTANYUM DİBORİDE GÜÇLENDİRİCİNİN ALÜMİNYUM MATRİSLİ KOMPOZİTLERİN SERTLİĞİNE ETKİSİ**
ODUNCUOĞLU M., ERGÜL E., KURT H. İ., YILMAZ N. F.
ÇUKUROVA I. ULUSLARARASI MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, 13 - 16 December 2018

- XVI. **COBALT COATING OF CARBON NANOTUBE**
YILMAZ N. F., ERGÜL E., KURT H. İ., ODUNCUOĞLU M., GÜL F., SALMAN S.
3rd International Energy Engineering Congress, 18 - 19 October 2018
- XVII. **MAGNESIUM OXIDE ADDING TO AL2024 ALLOYS**
ERGÜL E., KURT H. İ., ODUNCUOĞLU M., YILMAZ N. F., SALMAN S., GÜL F.
3rd International Energy Engineering Congress, 18 - 19 October 2018
- XVIII. **Nİ-CNT İLAVE EDİLMİŞ AL 2024 KOMPOZİTLERİN YOĞUNLUK VE POROZİTE ANALİZİ**
ODUNCUOĞLU M., KURT H. İ., YILMAZ N. F., ERGÜL E.
3rd International Conference on Material Science and Technology, 17 - 19 September 2018
- XIX. **MGO GÜÇLENDİRİCİLERİN COBALT İLE KAPLANMASI**
KURT H. İ., YILMAZ N. F., ERGÜL E., ODUNCUOĞLU M.
3rd International Conference on Material Science and Technology, 17 - 19 September 2018
- XX. **AL2024/MGO/MWCNT KOMPOZİTLERİN YOĞUNLUK VE POROZİTE İÇERİĞİNİN DEĞİŞİMİ**
ODUNCUOĞLU M., KURT H. İ., ERGÜL E., YILMAZ N. F.
ZEUGMA I. ULUSLARARASI MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, 13 - 16 September 2018, vol.2
- XXI. **NANO MAGENZYUM OKSİT VE ÇOĞUL DUVARLI KARBON NANO TÜP PARTİKÜLERİN AL-CU-MG ALAŞIMININ SERTLİĞİNE ETKİSİ**
KURT H. İ., YILMAZ N. F., ODUNCUOĞLU M., ERGÜL E.
ZEUGMA I. ULUSLARARASI MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, 13 - 16 September 2018, vol.2
- XXII. **HİBRİD KOMPOZİTLER ÜZERİNE BİR ÇALIŞMA**
ODUNCUOĞLU M., YILMAZ N. F., KURT H. İ.
3rd International Congress on Vocational and Technical Sciences, 21 - 22 June 2018
- XXIII. **BOR İÇEREN KOMPOZİTLERİN ÇEKME MODÜLÜ**
KURT H. İ., ODUNCUOĞLU M., YILMAZ N. F.
3rd International Congress on Vocational and Technical Sciences, 21 - 22 June 2018
- XXIV. **FARKLI ORANLARDA EKLENEN GÜÇLENDİRİCİLERİN KAYMA MODÜLÜNE ETKİSİ**
ODUNCUOĞLU M., YILMAZ N. F., KURT H. İ.
3rd International Congress on Vocational and Technical Sciences, 21 - 22 June 2018
- XXV. **KOMPOZİTLERE EKLENEN SİLİSYUM KARBÜR TAKVİYESİNİN TEORİK OLARAK MODELLENMESİ**
YILMAZ N. F., KURT H. İ., ODUNCUOĞLU M.
3rd International Congress on Vocational and Technical Sciences, 21 - 22 June 2018
- XXVI. **Al-Mg/MgOp Kompozitlerin Üretilmesi**
YILMAZ N. F., ODUNCUOĞLU M., KURT H. İ., YILMAZ m.
International Advanced Researches and Engineering Congress, 16 - 18 November 2017
- XXVII. **ALÜMİNYUM-MAGNEZYUM KOMPOZİTLERİN MİKRO VE NANO BOYUTLU MgO PARÇACIKLAR İLE GÜÇLENDİRİLMESİ**
YILMAZ m., YILMAZ N. F., ODUNCUOĞLU M., KURT H. İ.
the International Conference on Technology, Engineering and Science (IConTES), 26 - 29 October 2017
- XXVIII. **METAL MATRİSLİ KOMPOZİTLERİN MİKROYAPI VE MEKANİK ÖZELLİKLERİNE MAGNEZYUM, SICAKLIK VE NANO MAGNEZYUM OKSİTİN ETKİLERİ**
KURT H. İ., YILMAZ m., YILMAZ N. F., ODUNCUOĞLU M.
The International Conference on Material Science and Technology, 11 - 13 October 2017
- XXIX. **Al-Mg-Si-Cu/B4C/MgO Kompozitlerin Üretilmesi ve Karakterizasyonu**
YILMAZ N. F., ODUNCUOĞLU M., KURT H. İ., YILMAZ m.
2nd INTERNATIONAL DEFENSE INDUSTRY SYMPOSIUM, 6 - 08 April 2017
- XXX. **B4C/MgO Güçlendiricilerin Al-Mg Alaşımının Mikroyapı ve Sertlik Özelliklerine Etkisinin Araştırılması**
KURT H. İ., YILMAZ N. F., ODUNCUOĞLU M., KURT M.
2nd INTERNATIONAL DEFENSE INDUSTRY SYMPOSIUM, 6 - 08 April 2017
- XXXI. **Altık Tipinin Krom Karbür Çökmesi Üzerine Etkisinin Araştırılması**
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