

Prof. ÜMİT ALVER

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: Y-6329-2018

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Education Information

1997 - 2001	Doctorate, Louisiana State University and Agricultural and Mechanical College, Fen Bilimleri, Fizik, United States Of America
1995 - 1997	Masters (Non-Thesis), Old Dominion University, Fen Bilimleri, Fizik, United States Of America
1991 - 1993	Postgraduate, Karadeniz Technical University, Fen Fakültesi, Fizik, Turkey
1985 - 1989	Undergraduate, Karadeniz Technical University, Fatih Eğitim Fakültesi, Fizik Öğretmenliği, Turkey

Foreign Languages

English, C1 Advanced

Dissertations

2001	De Haas van Alphen Effect Measurements on CexLa1-xMIn5 (M=Rh,Co,lr) Alloys , Louisiana State University, Graduate School, Physics and Astronomy , Doctorate
1997	Non thesis, Old Dominion University, Physics, Postgraduate
1993	Investigation of the change of A1 and A3 transformation temperatures with carbon ratio in iron-carbon alloys by dilatometric method , Karadeniz Technical University, Fen Fakültesi, Fizik, Postgraduate

Research Areas

Material science and engineering, Composites, Polymeric Materials, Nanomaterials, Physics, Condensed Matter 1: Structural, Mechanical and Thermal Properties, Surfaces, Interfaces, Thin Films and Nanosystems, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties, Electrical properties of electronic structures, interfaces, thin films and low-dimensional structures

Academic Titles / Tasks

2014 - Continues	Professor, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği
2014 - 2014	Professor, Kahramanmaraş Sutcu Imam University, Fen Edebiyat Fakültesi, Fizik
2007 - 2014	Associate Professor, Kahramanmaraş Sutcu Imam University, Fen Edebiyat Fakültesi, Fizik
2001 - 2007	Assistant Professor, Kahramanmaraş Sutcu Imam University, Fen Edebiyat Fakültesi, Fizik

Academic and Administrative Experience

2014 - 2021 Head of Department, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği

Courses

2020 - 2021 Surface Analysis Techniques, Postgraduate

Advising Theses

2020 Alver Ü., Postgraduate, E.Tuzcu(Student), Supercapacitor Applications of Fluorine Doped ZnO, SnO₂, NiO Nanoparticles

2019 Alver Ü., Postgraduate, D.Can(Student), Investigation Of Electrochemical Corrosion Behaviour of Liquid Nitrided AISI 4140 Steel

2018 Alver Ü., Postgraduate, A.Sajjad(Student), Grain Refinement of Al₄CuTi Alloy with Zirconium, Scandium and Erbium

2018 Alver Ü., Postgraduate, M.Enes(Student), Production of PMMA Reinforced with α -Fe₂O₃, ZnO and Hybrid (α -Fe₂O₃/ ZnO) Nano Particle Composite Material, Investigation Of Optical And Dielectric Properties

2015 Alver Ü., Doctorate, A.Tanrıverdi(Student), Hydrothermal Method Generated Reduced Graphene Oxide/Boron Doped ZnO Composite of Supercapacitor Performance

2015 Alver Ü., Postgraduate, Ö.Akgül(Student), Synthesize of Reduced Graphen Oxide /Nikel Oxide Composite Material And Supercapacitor Application

2015 Alver Ü., Postgraduate, G.Top(Student), Synthesize Of Reduced Graphen Oxide /Nikel Oxide Composite Material

2012 Alver Ü., Postgraduate, H.Yaykaşlı(Student), Measurement of Electrical and Optical Properties of Boron Doped NiO Thin Films Produced by Chemical Spray Pyrolysis Method

2012 Alver Ü., Doctorate, S.Kerli(Student), Fabrication and Physical Properties of Boron-Fluorine Doped ZnO Particles and Films

2010 Alver Ü., Postgraduate, A.Kudret(Student), Fabrication of ZnO based Dye Sensitized Solar Cell with Natural Dyes

2009 Alver Ü., Postgraduate, S.Tekerek(Student), Fabrication of TiO₂ Based Dye Sensitized Solar Cell with Natural Dyes

2007 Alver Ü., Postgraduate, M.Kavgacı(Student), XRF measurements in XSe (X=Zn,Cu,Mn) thin films prepared by chemical bath deposition

2006 Alver Ü., Postgraduate, S.Kerli(Student), Investigation of Electrical and magnetic properties of Al-Yi-Ni Amorphous Alloys

2006 Alver Ü., Postgraduate, T.Kılınc(Student), Investigation of Physical Properties of Zn_{1-x}Fe_xS Thin Films

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The wear and arc erosion behavior of novel copper based functionally graded electrical contact materials fabricated by hot pressing assisted electroless plating**
GÜLER O., VAROL T., ALVER Ü., BIYIK S.
Advanced Powder Technology, vol.32, pp.2873-2890, 2021 (Peer-Reviewed Journal)
- II. **Microstructure and wear characterization of Al₂O₃ reinforced silver coated copper matrix composites by electroless plating and hot pressing methods**

GÜLER O., VAROL T., ALVER Ü., Kaya G., Yıldız F.

Materials Today Communications, vol.27, 2021 (Peer-Reviewed Journal)

- III. **Influence of fluorine doping of zinc oxide on its electrochemical performance in supercapacitors**
ERDEMİR F., Tuzcu E., BİLGİN S., ALVER Ü., ÇANAKÇI A.
MATERIALS CHEMISTRY AND PHYSICS, vol.259, 2021 (Peer-Reviewed Journal)
- IV. **Effect of TiN, TiAlCN, AlCrN, and AlTiN ceramic coatings on corrosion behavior of tungsten carbide tool**
Bilgin S., Güler O., Alver Ü., Erdemir F., Aslan M., Çanakçı A.
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, vol.57, no.1, pp.263-273, 2021 (Peer-Reviewed Journal)
- V. **Low-energy impact response of composite sandwich panels with thermoplastic honeycomb and reentrant cores**
Özen İ., Çava K., Gedikli H., Alver Ü., Aslan M.
THIN-WALLED STRUCTURES, vol.156, 2020 (Peer-Reviewed Journal)
- VI. **Fabrication and characterization of novel layered materials produced by electroless plating and hot pressing**
Güler O., Alver Ü., Varol T.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.835, 2020 (Peer-Reviewed Journal)
- VII. **Effect of Al₂O₃ content and milling time on the properties of silver coated Cu matrix composites fabricated by electroless plating and hot pressing**
Güler O., Varol T., Alver E., Çanakçı A.
MATERIALS TODAY COMMUNICATIONS, vol.24, 2020 (Peer-Reviewed Journal)
- VIII. **Investigation of the Electrical Properties of Al₈₅Y₉Ni₆ Metallic Glass and Formulation of the Results**
Kerli S., ALVER Ü., Gogebakan M.
GLASS PHYSICS AND CHEMISTRY, vol.46, no.2, pp.189-193, 2020 (Peer-Reviewed Journal)
- IX. **Mechanical and Vibrational Behavior of Twill Woven Carbon Fiber Reinforced Composites**
John K. M. , Kumaran S. T. , Kumar K. S. , Kumar S. S. , Aslan M., Alver U.
INTERNATIONAL POLYMER PROCESSING, vol.35, no.2, pp.203-210, 2020 (Peer-Reviewed Journal)
- X. **Effect of Ethanol on the Photovoltaic Performance of ZnO Based Dye Sensitized Solar Cells**
Alver U., Kudret A., Kerli S.
CRYSTALLOGRAPHY REPORTS, vol.64, no.7, pp.1159-1164, 2019 (Peer-Reviewed Journal)
- XI. **Optical and Dielectric Properties of PMMA/alpha-Fe₂O₃-ZnO Nanocomposite Films**
ALVER Ü., TASCIOĞLU M. E. , GÜLER O., ASLAN M., YAZGAN A., KAYA H., DURAN C., ÇUVALCI H., Bilgin S.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.29, no.5, pp.1514-1522, 2019 (Peer-Reviewed Journal)
- XII. **The effect of flake-like morphology on the coating properties of silver coated copper particles fabricated by electroless plating**
GÜLER O., VAROL T., ALVER Ü., ÇANAKÇI A.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.782, pp.679-688, 2019 (Peer-Reviewed Journal)
- XIII. **Structural and Morphological Properties of Boron Doped V₂O₅ Thin Films: Highly Efficient Photocatalytic Degradation of Methyl Blue**
Kerli S., ALVER Ü., Eskalen H., URUŞ S., Soguksu A. K.
RUSSIAN JOURNAL OF APPLIED CHEMISTRY, vol.92, no.2, pp.304-309, 2019 (Peer-Reviewed Journal)
- XIV. **ELECTROCHEMICAL PROPERTIES AND PHOTOCATALYTIC ACTIVITY OF In₂O₃-Co₃O₄ THIN FILMS**
Kerli S., ALVER Ü., Eskalen H., Soguksu A. K.
COMPTES RENDUS DE L ACADEMIE BULGARE DES SCIENCES, vol.72, no.3, pp.327-332, 2019 (Peer-Reviewed Journal)
- XV. **EFFECT OF FIBRE CONTENT ON THE MECHANICAL PROPERTIES OF BASALT FIBRE REINFORCED POLYLACTIC ACID (PLA) COMPOSITES**
ASLAN M., KAYA M., GÜLER O., ALVER Ü.
TEKSTİL VE KONFEKSİYON, vol.28, no.1, pp.66-71, 2018 (Peer-Reviewed Journal)
- XVI. **Boron doped ZnO embedded into reduced graphene oxide for electrochemical supercapacitors**

- Alver U, Tanriverdi A.
APPLIED SURFACE SCIENCE, vol.378, pp.368-374, 2016 (Peer-Reviewed Journal)
- XVII. **Hydrothermal preparation of ZnO electrodes synthesized from different precursors for electrochemical supercapacitors**
Alver U, Tanriverdi A., Akgul O.
SYNTHETIC METALS, vol.211, pp.30-34, 2016 (Peer-Reviewed Journal)
- XVIII. **Structural and physical properties of boron doped ZnO films prepared by chemical spray pyrolysis method**
Kerli S., ALVER Ü., Tanriverdi A., Avar B.
CRYSTALLOGRAPHY REPORTS, vol.60, no.6, pp.946-950, 2015 (Peer-Reviewed Journal)
- XIX. **Effect of fluorine doping on the NO₂-sensing properties of ZnO thin films**
Sennik E., KERLİ S., ALVER Ü., ÖZTÜRK Z. Z.
SENSORS AND ACTUATORS B-CHEMICAL, vol.216, pp.49-56, 2015 (Peer-Reviewed Journal)
- XX. **Synthesis of boron doped ZnO particles by hydrothermal method**
Alver U, Kerli S., Tanriverdi A., Yaykasli H.
JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, vol.17, pp.439-443, 2015 (Peer-Reviewed Journal)
- XXI. **Electro-Optical Properties of Liquid Crystals Composite with Zinc Oxide Nanoparticles**
Eskalen H., Ozgan S., ALVER Ü., Kerli S.
ACTA PHYSICA POLONICA A, vol.127, no.3, pp.756-760, 2015 (Peer-Reviewed Journal)
- XXII. **Effect of F-doping on structural, electrical, and optical properties of NiO thin films**
Kerli S., ALVER Ü.
CRYSTALLOGRAPHY REPORTS, vol.59, no.7, pp.1103-1106, 2014 (Peer-Reviewed Journal)
- XXIII. **Investigation of the properties of In doped NiO films**
Kerli S., Alver U., Yaykaşlı H.
APPLIED SURFACE SCIENCE, vol.318, pp.164-167, 2014 (Peer-Reviewed Journal)
- XXIV. **Boron and fluorine doped ZnO films obtained from zinc chloride precursor via chemical spray pyrolysis**
Kerli S., ALVER Ü., Tanriverdi A., Avar B.
PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES, vol.50, no.6, pp.797-802, 2014 (Peer-Reviewed Journal)
- XXV. **In-situ generation of ZnO on the textile surfaces by hydrothermal method**
Balci O., Alver U., Besen B. S. , Tanriverdi A., Tutak M.
INDUSTRIA TEXTILA, vol.65, no.2, pp.80-84, 2014 (Peer-Reviewed Journal)
- XXVI. **Effect of boron addition on fluorine doped ZnO particles**
Kerli S., Alver U., Yaykasli H., Okumus M.
KOVOVE MATERIALY-METALLIC MATERIALS, vol.52, no.2, pp.93-98, 2014 (Peer-Reviewed Journal)
- XXVII. **Synthesis and characterization of boron-doped NiO thin films produced by spray pyrolysis**
Alver U., Yaykaşlı H., Kerli S., Tanriverdi A.
INTERNATIONAL JOURNAL OF MINERALS METALLURGY AND MATERIALS, vol.20, no.11, pp.1097-1101, 2013 (Peer-Reviewed Journal)
- XXVIII. **Synthesis of Fluorine Doped Zinc Oxide Particles by Hydrothermal Method**
Kerli S., Alver U., Yaykaşlı H., Avar B., Tanriverdi A., KURSUN C.
ASIAN JOURNAL OF CHEMISTRY, vol.25, no.13, pp.7539-7542, 2013 (Peer-Reviewed Journal)
- XXIX. **Investigation on Zinc Selenide and Copper Selenide Thin Films Produced by Chemical Bath Deposition**
Durdu B. G. , Alver U., Kucukonder A., Sogut O., Kavgaci M.
ACTA PHYSICA POLONICA A, vol.124, no.1, pp.41-45, 2013 (Peer-Reviewed Journal)
- XXX. **Effect of UV-Ozone Exposure on PCBM**
BELAY A. B. , ZHOU W., KRUEGER R., DAVIS K. O. , Alver U., SORLOAICA-HICKMAN N.
IEEE JOURNAL OF PHOTOVOLTAICS, vol.2, no.2, pp.148-153, 2012 (Peer-Reviewed Journal)
- XXXI. **Optical and structural properties of ZnO nanorods grown on graphene oxide and reduced graphene**

oxide film by hydrothermal method

Alver U., ZHOU W., BELAY B., KRUEGER R., DAVIS K. O., HICKMAN N. S.

APPLIED SURFACE SCIENCE, vol.258, no.7, pp.3109-3114, 2012 (Peer-Reviewed Journal)

- XXXII. **Influence of pH on structural, optical and morphological properties of ZnO rod arrays fabricated by hydrothermal method**
Alver U., KUDRET A., KERLI S.
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.6, pp.107-109, 2012 (Peer-Reviewed Journal)
- XXXIII. **Dye-sensitized solar cells fabricated with black raspberry, black carrot and rosella juice**
Tekerek S., Kudret A., Alver U.
INDIAN JOURNAL OF PHYSICS, vol.85, no.10, pp.1469-1476, 2011 (Peer-Reviewed Journal)
- XXXIV. **Spray pyrolysis deposition of ZnO thin films on FTO coated substrates from zinc acetate and zinc chloride precursor solution at different growth temperatures**
Alver U., Kudret A., Tekerek S.
JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS, vol.72, no.6, pp.701-704, 2011 (Peer-Reviewed Journal)
- XXXV. **A study on electrodeposited Zn-Co alloys**
Karahan I. H., Karabulut O., Alver U.
PHYSICA SCRIPTA, vol.79, no.5, 2009 (Peer-Reviewed Journal)
- XXXVI. **High-field de Haas-van Alphen studies of the Fermi surfaces of LaMIn5 (M=Co,Rh,Ir)**
HALL D., BALICAS L., FISK Z., GOODRICH R. G., Alver U., SARRAO J. L.
PHYSICAL REVIEW B, vol.79, no.3, 2009 (Peer-Reviewed Journal)
- XXXVII. **Temperature dependence of ZnO rods produced by ultrasonic spray pyrolysis method**
Alver U., KILINC T., BACAŞIZ E., NEZİR S.
MATERIALS CHEMISTRY AND PHYSICS, vol.106, pp.227-230, 2007 (Peer-Reviewed Journal)
- XXXVIII. **Structure and optical properties of Zn_{1-x}Fe_xO thin films prepared by ultrasonic spray pyrolysis**
Alver U., Kılınç T., Bacaksiz E., Nezir S.
MATERIALS SCIENCE AND ENGINEERING B-SOLID STATE MATERIALS FOR ADVANCED TECHNOLOGY, vol.138, no.1, pp.74-77, 2007 (Peer-Reviewed Journal)
- XXXIX. **Synthesis and characterization of spray pyrolysis Zinc Oxide microrods**
ALVER U., KILINC T., BACAŞIZ E., Kucukomeroglu T., NEZİR S., MUTLU I. H., ASLAN F.
THIN SOLID FILMS, vol.515, pp.3448-3451, 2007 (Peer-Reviewed Journal)
- XL. **Roughness analysis of CVD Cu films on different substrates by AFM imaging**
Alver U.
JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, vol.11, no.6, pp.622-624, 2002 (Peer-Reviewed Journal)
- XLI. **The de Haas van Alphen effect in CeMIn5 (where M = Rh and Co)**
HALL D., MURPHY T., PALM E., TOZER S., FISK Z., HARRISON N., GOODRICH R., Alver U., SARRAO J.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, vol.16, pp.3004-3007, 2002 (Peer-Reviewed Journal)
- XLII. **Fermi surface of the heavy-fermion superconductor CeCoIn5: The de Haas-van Alphen effect in the normal state**
HALL D., PALM E., MURPHY T., TOZER S., FISK Z., Alver U., GOODRICH R., SARRAO J., PAGLIUSO P., EBIHARA T.
PHYSICAL REVIEW B, vol.64, no.21, 2001 (Peer-Reviewed Journal)
- XLIII. **Localized f electrons in CexLa1-xRhIn5: de Haas-van Alphen measurements**
Alver U., GOODRICH R., HARRISON N., HALL D., PALM E., MURPHY T., TOZER S., PAGLIUSO P., MORENO N., SARRAO J., et al.
PHYSICAL REVIEW B, vol.64, no.18, 2001 (Peer-Reviewed Journal)
- XLIV. **Electronic structure of CeRhIn5: de Haas-van Alphen and energy band calculations**
HALL D., PALM E., MURPHY T., TOZER S., PETROVIC C., MILLER-RICCI E., PEABODY L., LI C., Alver U., GOODRICH R., et al.
PHYSICAL REVIEW B, vol.64, no.6, 2001 (Peer-Reviewed Journal)
- XLV. **DIFFUSION OF AG IN BI(PB)-SR-CA-CU-O SUPERCONDUCTORS**

Articles Published in Other Journals

- I. **Compression Properties of 3d Printed Honeycomb and Re-Entrant Sandwich Core Materials**
ÇAVA K., ASLAN M., ALVER Ü., GEDİKLİ H., Kalusuraman G.
SSRN Electronic Journal, 2020 (Peer-Reviewed Journal)
- II. **Investigation of The Effect of Annealing on Resistivity in Aluminum-based Amorphous Alloys**
Kerli S., Alver U., Gogebakan M.
PHYSICS AND CHEMISTRY OF SOLID STATE, vol.20, no.4, pp.391-395, 2019 (Peer-Reviewed Journal)
- III. **The investigation of the mechanical properties of sandwich panel composites with different surface and core materials**
ASLAN M., GÜLER O., ALVER Ü.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.24, no.6, pp.1062-1068, 2018 (Peer-Reviewed Journal)
- IV. **Preparation and Characterisation of ZnO/NiO Nanocomposite Particles for Solar Cell Applications**
Kerli S., Alver U.
JOURNAL OF NANOTECHNOLOGY, 2016 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **TOZ METALURJİSİ YÖNTEMİ İLE ÜRETİLEN CU-AG ALAŞIMLARININ KARAKTERİZASYONU**
VAROL T., AKSA H. C. , GÜLER O., ALVER Ü.
5. International Conference on Material Science and Technology (IMSTEC 2020), 16 - 18 October 2020, pp.74-77
- II. **The Effect of pH on the Plating Layer of Silver Plated Copper Powders by Electroless Plating Method**
VAROL T., AKÇAY S. B. , GÜLER O., ALVER Ü.
5. International Conference on Material Science and Technology (IMSTEC 2020), Nevşehir, Turkey, 16 - 18 October 2020, pp.60-64
- III. **Wear Properties of Cu-Ag-Ni Composites Produced by Electroless Coating and Hot-Pressing**
GÜLER O., VAROL T., ALVER Ü., AKÇAY S. B.
2. Uluslararası 19 Mayıs Yenilikçi Bilimsel Yaklaşımlar Kongresi Uygulamalı Bilimler, Turkey, 27 December 2019, pp.198-207
- IV. **Wear Properties of Cu-Ag-Ni Composites Produced by Electroless Coating and Hot-Pressing**
GÜLER O., VAROL T., ALVER Ü., Akçay S. B.
2. Uluslararası 19 Mayıs Yenilikçi Bilimsel Yaklaşımlar Kongresi Uygulamalı Bilimler, 27 - 29 December 2019
- V. **WEAR PROPERTIES OF CU-AG-NI COMPOSITES PRODUCED BY ELECTROLESS COATING AND HOT-PRESSING**
GÜLER O., VAROL T., ALVER Ü., AKÇAY S. B.
2. ULUSLARARASI 19 MAYIS YENİLİKÇİ BİLİMSEL YAKLAŞIMLAR KONGRESİ, Samsun, Turkey, 27 - 29 December 2019, pp.198-207
- VI. **THE EFFECT OF ALUMINA CONTENT AND ELECTROLESS SILVER COATING ON THE PROPERTIES OF THE SILVER COATED COPPER MATRIX COMPOSITES**
GÜLER O., VAROL T., ALVER Ü., AKSA H. C.
2. ULUSLARARASI 19 MAYIS YENİLİKÇİ BİLİMSEL YAKLAŞIMLAR KONGRESİ, Samsun, Turkey, 27 - 29 December 2019, pp.208-218
- VII. **THE EFFECT OF MECHANICAL MILLING TIME AND SILVER COATING ON THE PROPERTIES OF THE SILVER COATED COPPER MATRIX COMPOSITES**
GÜLER O., VAROL T., ALVER Ü., AKSA H. C.

2. ULUSLARARASI 19 MAYIS YENİLİKÇİ BİLİMSEL YAKLAŞIMLAR KONGRESİ, Samsun, Turkey, 27 - 29 December 2019, pp.219-228
- VIII. **PRODUCTION OF CU-AG-CR COMPOSITES FROM THE LAYERED METALLIC POWDERS**
GÜLER O., VAROL T., ALVER Ü., AKÇAY S. B.
2. ULUSLARARASI 19 MAYIS YENİLİKÇİ BİLİMSEL YAKLAŞIMLAR KONGRESİ, Samsun, Turkey, 27 - 29 December 2019, pp.190-197
- IX. **Effect of Acetone Vapor on Surface and Mechanical Properties of 3D Printed ABS in Different Layer Thicknesses**
çava k., ASLAN M., ALVER Ü.
INTERNATIONAL MATERIALS TECHNOLOGIES AND METALLURGY CONFERENCE 2019, 31 October - 01 November 2019
- X. **Investigation of Impact Behavior of Sandwich Materials with 3D Printed Auxetic and Cellular Core Geometries**
Özen İ., Çava K., Gedikli H., Alver Ü., Aslan M.
INTERNATIONAL MATERIALS TECHNOLOGIES AND METALLURGY CONFERENCE 2019, İstanbul, Turkey, 31 October - 01 November 2019
- XI. **Comparison of Mechanical Properties of 3D Printed Sandwich Materials in Cellular and Auxetic Pattern**
ASLAN M., çava k., ALVER Ü., GEDİKLİ H.
INTERNATIONAL MATERIALS TECHNOLOGIES AND METALLURGY CONFERENCE 2019, İstanbul, Turkey, 31 October - 01 November 2019
- XII. **Fabrication of Cu-Ag-Ni Layered Bulk Samples by Electroless Plating and Powder Metallurgy Method**
GÜLER O., VAROL T., ALVER Ü., ÇANAKÇI A., ÇABUK M. A.
3rd International Conference on Advanced Engineering Technologies (ICADET), Bayburt, Turkey, 19 - 21 September 2019, vol.25, pp.346-352
- XIII. **Oxidation Resistance of Silver Coated Copper Powders with Different Morphologies**
GÜLER O., VAROL T., ALVER Ü., ÇANAKÇI A., ÇABUK M. A.
3rd International Conference on Advanced Engineering Technologies (ICADET), Bayburt, Turkey, 19 - 21 September 2019, vol.25, pp.340-345
- XIV. **The Effect of Milling Time On the Coating Thickness of Silver Coated Copper Particles**
GÜLER O., VAROL T., ALVER Ü., ÇANAKÇI A., ÇABUK M. A.
6th International Symposium on Academic Studies in Science, Engineering and Architecture Sciences, Ankara, Turkey, 13 - 15 June 2019, pp.195
- XV. **The Investigation of the Mechanical and Physical Properties of Silver Coated Copper Fabricated by Electroless Coating**
GÜLER O., VAROL T., ALVER Ü., ÇANAKÇI A., ÇABUK M. A.
6th International Symposium on Academic Studies in Science, Engineering and Architecture Sciences, Ankara, Turkey, 13 - 15 June 2019, pp.197
- XVI. **COMPRESSION BEHAVIOR OF AUXETIC AND HONEYCOMB CORE MATERIALS MANUFACTURED BY FDM PRINTER**
çava k., ASLAN M., ALVER Ü., GEDİKLİ H.
4th International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry 2019, Antalya, Turkey, 11 - 14 April 2019
- XVII. **The Effect of Silver Coating on the Corrosion Behavior of Copper Based Materials**
ALVER Ü., GÜLER O., VAROL T., ASLAN M.
19th International Metallurgy and Materials Congress, 25 - 27 October 2018
- XVIII. **Mechanical behavior of nettle fiber filled polylactic acid composites**
ASLAN M., EZZATKHAHB A., ALVER Ü., BÜYÜKKAYA K.
International Technological Sciences and Design Symposium, Giresun, Turkey, 27 - 29 June 2018
- XIX. **THE EFFECT OF BALL MILLING TIME ON THE PROPERTIES OF SILVER COATED COPPER MATERIALS PRODUCED BY POWDER METALLURGY**

VAROL T., ALVER Ü., GÜLER O., ERDEMİR F.

19TH International Metallurgy and Materials Congress, 25 - 27 October 2018

- XX. **The Investigation of the Effect of Nitrocarburizing on the Corrosion Resistance of AISI 4140 Steel**
GÜLER O., Demir D., ÇUVALCI H., ALVER Ü.
19th International Metallurgy and Materials Congress (IMMC), İstanbul, Turkey, 25 - 27 October 2018, pp.1194-1197
- XXI. **The Effect of Ball Milling Time on the Properties of Silver Coated Copper Materials Produced by Powder Metallurgy**
GÜLER O., ERDEMİR F., VAROL T., ALVER Ü.
19th International Metallurgy and Materials Congress (IMMC), İstanbul, Turkey, 25 - 27 October 2018, pp.176-178
- XXII. **Synthesis Of Fluorine Doped Tin Oxide Nanoparticles (Fto) By Sol-Gel Technique**
GÜLER O., TUZCU E., ASLAN M., BİLGİN S., ALVER Ü.
International Technological Sciences and Design Symposium, Giresun, Turkey, 27 - 29 June 2018, pp.449
- XXIII. **Fabrication Of ZnO Nanoparticles By Solution Combustion Method**
GÜLER O., ASLAN M., ALVER Ü., BİLGİN S., TUZCU E.
International Technological Sciences and Design Symposium, Giresun, Turkey, 27 - 29 June 2018, pp.448
- XXIV. **DIMENSIONAL ACCURACY AND PULL-OUT PERFORMANCE OF 3D PRINTED VERTEBRA MODELS**
ASLAN M., Çava k., YERLİ H. K. , YAZAR U., ALVER Ü.
International Symposium on 3D Printing in Medicine, Ankara, Turkey, 16 - 17 November 2018
- XXV. **Preparation and Characterisation of Cobalt Oxide Thin Films Obtained From Different Precursor Salts**
KERLİ S., ÖZLÜ TORUN H., ALVER Ü., SOĞUKSU A. K.
International Advanced Researches Engineering Congress, 16 - 18 November 2017, pp.668
- XXVI. **TiO₂/DYE/CUI AND ZnO/DYE/CUI SENSITIZED SOLID-STATE SOLAR CELLS**
ALVER Ü., ÖZLÜ TORUN H., KERLİ S.
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Continues	FDM tipi 3 boyutlu yazıcı ile termoplastik petek/oksetik çekirdek malzeme tasarımı, üretimi ve sandviç kompozitlerde kullanım özelliklerinin araştırılması, TUBITAK Project
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2020 - 2021	Hidroksiapatit Tozu HAp Katkılı Polilaktikasit Kompozit Filamentler Kullanılarak Elde Edilmiş 3 Boyutlu (3B) Katı Omur Modellerinin Geliştirilmesi, Project Supported by Higher Education Institutions
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2018 - 2020	Polimer Matrisli Nano Parçacık Takviyeli Kompozit Malzemelerin Üretilmesi ve Optik ve Termal Özelliklerinin İncelenmesi, Project Supported by Higher Education Institutions
2015 - 2016	ZIRHLI YELEKLER İÇİN FONKSİYONEL DERECELENDİRİLMİŞ HİBRİT NANOKOMPOZİT MALZEMELERİN ÜRETİMİ VE ÖZELLİKLERİNİN İNCELENMESİ, Project Supported by Higher Education Institutions

2015 - 2016	ZA27/B4C(nanoparçacık)-Grafen(nanolevha) Hibrit Nanokompozit Yatak Malzemelerinin Üretimi ve Tribolojik Özelliklerinin İncelenmesi, Project Supported by Higher Education Institutions
2013 - 2015	Süperkondansatörler için Grafın/ZnO:B nanokompozit elektrot yapımı, TUBITAK Project
2005 - 2007	Fabrication of Solar cell and light emitting Diode by Polianilin-Carbon Nanotubse Composite , TUBITAK Project
2005 - 2007	Tiofen Grubu İçeren Tri- ve Tetraaza Makrosiklik Ligandlar İle Geçiş Metal Komplekslerinin Sentezi, Elektrokimyasal ve Kimyasal Polimerizasyonu İle Fiziksel Özelliklerinin Araştırılması, TUBITAK Project
2003 - 2005	Production of Cu-based shape memory, Fe- and Al-based quasicrystalline, nanocrystalline ve amorphous alloys by rapid solidification and mechanical alloying techniques and investigation of their electrical, magnetic, structural and thermal properties, CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi

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