

Prof. ÜMİT ALVER

Personal Information

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Education Information

Doctorate, Louisiana State University and Agricultural and Mechanical College, Fen Bilimleri, Fizik, United States Of America 1997 - 2001

Masters Without Thesis, Old Dominion University, Fen Bilimleri, Fizik, United States Of America 1995 - 1997

Under Graduate, Karadeniz Technical University, Fatih Eğitim Fakültesi, Fizik Öğretmenliği, Turkey 1985 - 1989

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Post Graduate, Demir Karbon Alaşımlarında A1 ve A3 Dönüşüm Sıcaklıklarının Karbon Oranı ile Değişimin Dilatometrik olarak İncelenmesi , Karadeniz Technical University, Fen Fakültesi, Fizik Bölümü, 1993

Research Areas

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, Natural Sciences

Academic Titles / Tasks

Professor, Karadeniz Technical University, Mühendislik Fakültesi, Metaalurji Ve Malzeme Mühendisliği, 2014 - Continues

Professor, Kahramanmaraş Sutcu Imam University, Fen Edebiyat Fakültesi, Fizik, 2014 - 2014

Associate Professor, Kahramanmaraş Sutcu Imam University, Fen Edebiyat Fakültesi, Fizik, 2007 - 2014

Assistant Professor, Kahramanmaraş Sutcu Imam University, Fen Edebiyat Fakültesi, Fizik, 2001 - 2007

Professional Experience

Head of Department, Karadeniz Technical University, Ktü Mühendislik Fakültesi, Metalurji Ve Malzeme Müh. Böl., 2014 - Continues

Advising Theses

- ALVER Ü., Hidrotermal Yöntemle Üretilen İndirgenmiş Grafen Oksit/Bor Katkılı ZnO Kompozit Maddesinin Süper Kondansatör Performansı, Doctorate, A.Tanriverdi(Student), 2015
- ALVER Ü., İndirgenmiş Grafen Oksit/Çinko Oksit Kompozit Madde Sentezi ve Süperkapasitör Uygulaması, Post Graduate, Ö.Akgül(Student), 2015
- ALVER Ü., İndirgenmiş Grafen Oksit / Nikel Oksit Kompozit Madde Sentezi ve Süperkapasitör Uygulaması, Post Graduate, G.Top(Student), 2015
- ALVER Ü., Kimyasal Püskürtme Yöntemi ile Üretilen Bor Katkılı NiO İnce Filmlerin Elektriksel ve Optik Özelliklerinin Ölçülmesi, Post Graduate, H.Yaykaşlı(Student), 2012
- ALVER Ü., Bor-Katkılı ZnO İnce Film ve Parçacıkların Üretimi, Fiziksel Özelliklerinin İncelenmesi, Doctorate, S.Kerli(Student), 2012
- ALVER Ü., ZnO Tabanlı Boyar Maddeli Güneş Pili Yapımı, Post Graduate, A.Kudret(Student), 2010
- ALVER Ü., TiO₂ Tabanlı Doğal Boyar Maddeli Güneş Pili Yapımı, Post Graduate, S.Tekerek(Student), 2009
- ALVER Ü., Kimyasal banyo Yöntemi ile üretilen XSe(X=Zn,Cu,Mn) ince filmlerinde XRF ölçümleri, Post Graduate, M.Kavgacı(Student), 2007
- ALVER Ü., Al-Yi-Ni Amorf Alaşımlarında Elektriksel ve Manyetik Özelliklerin İncelenmesi, Post Graduate, S.Kerli(Student), 2006
- ALVER Ü., Zn_{1-x}FexS İnce Filmlerinin Fiziksel Özelliklerinin İncelenmesi, Post Graduate, T.Kılınc(Student), 2006

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

- I. **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 (Journal Indexed in SCI)
- II. **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, pp.946-950, 2015 (Journal Indexed in SCI)
- III. **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 (Journal Indexed in SCI)
- IV. **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 (Journal Indexed in SCI)
- V. **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, pp.756-760, 2015 (Journal Indexed in SCI)
- VI. **Effect of F-doping on structural, electrical, and optical properties of NiO thin films**
Kerli S., ALVER Ü.
CRYSTALLOGRAPHY REPORTS, vol.59, pp.1103-1106, 2014 (Journal Indexed in SCI)
- VII. **Investigation of the properties of In doped NiO films**
Kerli S., Alver U., Yaykaşlı H.
APPLIED SURFACE SCIENCE, vol.318, pp.164-167, 2014 (Journal Indexed in SCI)
- VIII. **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, pp.797-802, 2014 (Journal Indexed in SCI)
- IX. **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, pp.80-84, 2014 (Journal Indexed in SCI)

- X. **Effect of boron addition on fluorine doped ZnO particles**
Kerli S., Alver U., Yaykasli H., Okumus M.
KOVVOVE MATERIALY-METALLIC MATERIALS, vol.52, pp.93-98, 2014 (Journal Indexed in SCI)
- XI. **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, pp.1097-1101, 2013 (Journal Indexed in SCI)
- XII. **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, pp.7539-7542, 2013 (Journal Indexed in SCI)
- XIII. **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, pp.41-45, 2013 (Journal Indexed in SCI)
- XIV. **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, pp.148-153, 2012 (Journal Indexed in SCI)
- XV. **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, pp.3109-3114, 2012 (Journal Indexed in SCI)
- XVI. **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 (Journal Indexed in SCI)
- XVII. **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, pp.1469-1476, 2011 (Journal Indexed in SCI)
- XVIII. **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, pp.701-704, 2011 (Journal Indexed in SCI)
- XIX. **A study on electrodeposited Zn-Co alloys**
Karahan I. H., Karabulut O., Alver U.
PHYSICA SCRIPTA, vol.79, 2009 (Journal Indexed in SCI)
- XX. **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, 2009 (Journal Indexed in SCI)
- XXI. **Temperature dependence of ZnO rods produced by ultrasonic spray pyrolysis method**
Alver U., KILINC T., BACAKSIZ E., NEZIR S.
MATERIALS CHEMISTRY AND PHYSICS, vol.106, pp.227-230, 2007 (Journal Indexed in SCI)
- XXII. **Structure and optical properties of Zn_{1-x}FexO 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, pp.74-77, 2007 (Journal Indexed in SCI)
- XXIII. **Synthesis and characterization of spray pyrolysis Zinc Oxide microrods**
ALVER U., KILINC T., BACAKSIZ E., Kucukomeroglu T., NEZIR S., MUTLU I. H., ASLAN F.
THIN SOLID FILMS, vol.515, pp.3448-3451, 2007 (Journal Indexed in SCI)
- XXIV. **Roughness analysis of CVD Cu films on different substrates by AFM imaging**

- Alver U.
JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, vol.11, pp.622-624, 2002 (Journal Indexed in SCI)
- XXV. **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 (Journal Indexed in SCI)
- XXVI. **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, 2001 (Journal Indexed in SCI)
- XXVII. **Localized f electrons in CexLa_{1-x}RhIn₅: 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, 2001 (Journal Indexed in SCI)
- XXVIII. **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, 2001 (Journal Indexed in SCI)
- XXIX. **DIFFUSION OF AG IN BI(PB)-SR-CA-CU-O SUPERCONDUCTORS**
DZHAFAROV T., COMERT H., ALTUNBAS M., ALVER U., KUCUKOMEROGLU T., KOPYA A.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.221, pp.264-266, 1995 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Preparation and Characterisation of ZnO/NiO Nanocomposite Particles for Solar Cell Applications**
Kerli S., Alver U.
JOURNAL OF NANOTECHNOLOGY, 2016 (Journal Indexed in ESCI)

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. **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
- 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. ULUSLARARASI 19 MAYIS YENİLİKÇİ BİLİMSEL YAKLAŞIMLAR KONGRESİ, Samsun, Turkey, 27 - 29 December 2019, pp.198-207
- V. **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
- VI. **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
- VII. **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
- VIII. **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
- IX. **Investigation of Impact Behavior of Sandwich Materials with 3D Printed Auxetic and Cellular Core Geometries**
ÖZEN İ., çava k., GEDİKLİ H., ALVER Ü., ASLAN M.
INTERNATIONAL MATERIALS TECHNOLOGIES AND METALLURGY CONFERENCE 2019, İstanbul, Turkey, 31 October - 01 November 2019
- X. **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
- XI. **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
- XII. **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
- XIII. **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
- XIV. **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
- XV. **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
- XVI. **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
- XVII. **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 (IMMC2018), İstanbul, Turkey, 25 - 27 October 2018, pp.1-5
- XVIII. **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
- XIX. **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
- XX. **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
- XXI. **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
- XXII. **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
- XXIII. **INVESTIGATION OF EFFECT OF LAYER THICKNESS AND FAN SPEED ON MECHANICAL, SURFACE AND MICROSCOPIC PROPERTIES OF 3D PRINTED ABS POLYMERS**
ASLAN M., ALVER Ü., GÜLER O., ÇAVA K.
INTERNATIONAL SYMPOSIUM ON 3D PRINTING TECHNOLOGIES 3D-PTS2017, İstanbul, Turkey, 3 - 04 April 2017
- XXIV. **The effect of the reinforcement content on the mechanical and physical properties of the polyester based carbon and basalt fibers reinforced composites**
ASLAN M., Kaymaz E. G. , GÜLER O., ALVER Ü.
2nd International Defence Industry Symposium, Kırıkkale, Turkey, 6 - 08 April 2017, pp.146
- XXV. **The Effect of the Reinforcement Content on the Mechanical and Physical Properties of the Polyester Based Carbon and Basalt Fibers Reinforced Composites**
ASLAN M., GÜLER O., Kaymaz E. G. , ALVER Ü.
II. Uluslararası Savunma Sanayi Sempozyumu, Kırıkkale, Turkey, 6 - 08 April 2017, pp.627-635
- XXVI. **Mechanical Performance of Laminar and Tubular Carbon Epoxy Prepreg Composites by Vacuum Bag Oven Method**
ASLAN M., GÜLER O., Kaya M., ALVER Ü.
II. Uluslararası Savunma Sanayi Sempozyumu, Kırıkkale, Turkey, 6 - 08 April 2017, pp.611-620
- XXVII. **The Effect of Basalt Fiber Content on the Physical-Mechanical Properties of the Basalt Fiber Reinforced Polylactic Acid (PLA) Composites**
ASLAN M., GÜLER O., Kaya M., ALVER Ü.
II. Uluslararası Savunma Sanayi Sempozyumu, Kırıkkale, Turkey, 6 - 08 April 2017, pp.621-626
- XXVIII. **An Investigation on the Mechanical Properties of the Sandwich Panel Composites**
ASLAN M., GÜLER O., Çava K., ALVER Ü., Yüceloğlu E.
II. Uluslararası Savunma Sanayi Sempozyumu, Kırıkkale, Turkey, 6 - 08 April 2017, pp.602-610
- XXIX. **Investigation of Effect of Layer Thickness and Fan Speed on Mechanical, Surface and Microscopic Properties of 3D Printed ABS Polymers**
ASLAN M., GÜLER O., ALVER Ü., Çava K.
2nd International Symposium on 3D Printing Technologies (3D-PTS2017), İstanbul, Turkey, 3 - 04 April 2017, pp.383-390
- XXX. **SYNTHESIS, CHARACTERIZATION AND OPTICAL PROPERTIES OF THE PMMA BASED NANOCOMPOSITES**
ALVER Ü., ASLAN M., GÜLER O., Taşcıoğlu M.
INTERNATIONAL CONFERENCE ON ENGINEERING TECHNOLOGY AND INNOVATION, Saray Bosna, Bosnia And

Herzegovina, 22 - 26 March 2017, pp.126

- XXXI. **MECHANICAL CHARACTERISATION OF GLASS/FLAX WOVEN FIBRE REINFORCED HYBRID COMPOSITES**
ASLAN M., ALVER Ü., GÜLER O.
INTERNATIONAL CONFERENCE ON ENGINEERING TECHNOLOGY AND INNOVATION, Saray Bosna, Bosnia And Herzegovina, 22 - 26 March 2017, pp.128
- XXXII. **TENSILE PROPERTIES OF CARBON/JUTE WOVEN FIBRE REINFORCED POLYESTER COMPOSITES**
ASLAN M., ALVER Ü., GÜLER O.
INTERNATIONAL CONFERENCE ON ENGINEERING TECHNOLOGY AND INNOVATION, Saray Bosna, Bosnia And Herzegovina, 22 - 26 March 2017, pp.129
- XXXIII. **Effects of Nitrocarburizing on the Corrosion Behavior of AISI 4140 Steel**
ALVER Ü., ÇUVALCI H., GÜLER O., ERDEMİR F., Demir D.
International Conference on Engineering Technology and Innovation, Saray Bosna, Bosnia And Herzegovina, 22 - 26 March 2017, pp.125
- XXXIV. **Characterization of Graphene Oxide Produced by Hummers Method and its Supercapacitor Applications**
Akgul O., Alver U., Tanriverdi A.
9th International Physics Conference of the Balkan-Physical-Union (BPU), İstanbul, Turkey, 24 - 27 August 2015, vol.1722
- XXXV. **ZnO/TiO₂ Particles And Their Solar Cell Application**
Kerli S., Akgul O., Alver U.
9th International Physics Conference of the Balkan-Physical-Union (BPU), İstanbul, Turkey, 24 - 27 August 2015, vol.1722
- XXXVI. **Fabrication of Dye-Sensitized Solar Cell (DSSC) with Boron Doped ZnO Nanoparticles**
TANRIVERDI A., Yaykaşlı H., ALVER Ü., Kerli S.
9th International Physics Conference of the Balkan Physical Union, İstanbul, Turkey, 24 - 28 August 2015, pp.526
- XXXVII. **Synthesis and Characterization Zinc Oxide-Reduced Graphene Oxide Composite**
Akgül Ö., Kerli S., TANRIVERDI A., ALVER Ü.
9th International Physics Conference of the Balkan Physical Union, İstanbul, Turkey, 24 - 28 August 2015, pp.402
- XXXVIII. **Measurement of the Vacancy Transition Probabilities from K to L Shells in Boron-Doped NiO Thin Films**
Dedeoğlu F., SOGUT O., Apaydın G., ALVER Ü.
9th International Physics Conference of the Balkan Physical Union, İstanbul, Turkey, 24 - 28 August 2015, pp.358
- XXXIX. **NiO Nanostructures For Supercapacitors**
TANRIVERDI A., Top G., Akgül Ö., Yaykaşlı H., Kerli S., ALVER Ü.
9th International Physics Conference of the Balkan Physical Union, İstanbul, Turkey, 24 - 28 August 2015, pp.527
- XL. **ZnO/TiO₂ Metal Oxide Particles and Their Solar Cell Application**
Akgül Ö., Kerli S., TANRIVERDI A., ALVER Ü.
9th International Physics Conference of the Balkan Physical Union, İstanbul, Turkey, 24 - 28 August 2015, pp.517
- XLI. **RGO/ZnO Nanocomposite Material and Its Supercapacitor Performance**
TANRIVERDI A., ALVER Ü., Akgül Ö.
9th International Physics Conference of the Balkan Physical Union, İstanbul, Turkey, 24 - 28 August 2015, pp.526
- XLII. **MEASUREMENT OF THE VACANCY TRANSITION PROBABILITIES FROM K TO L SHELLS IN BORON-DOPED NiO THIN FILMS**
Dedeoğlu F., SOGUT O., APAYDIN G., ALVER Ü.
9th International Physics Conference of the Balkan Physical Union, İstanbul, Turkey, 24 - 27 August 2015, pp.37
- XLIII. **Characterization Of Graphene Oxide Produced by Hummers Method and Its Supercapacitor Applications**
Akgül Ö., TANRIVERDI A., Kerli S., ALVER Ü.
9th International Physics Conference of the Balkan Physical Union, İstanbul, Turkey, 24 - 28 August 2015, pp.517
- XLIV. **Effect of F-doping on Structural, Electrical and Optical Properties of NiO Thin film**

Kerli S., ALVER Ü., Yaykaşı H.

International Semiconductor Science and Technology Conference, İstanbul, Turkey, 20 - 22 August 2014, pp.111

XLV. Synthesis of RGO at different temperatures by hydrothermal method

Akgül Ö., ALVER Ü., TANRIVERDI A., Kerli S.

10th Nanoscience and Nanotechnology Conference (NanoTr10), İstanbul, Turkey, 17 - 21 June 2014, pp.407

XLVI. Synthesis of Reduced Graphene Oxide (RGO) / ZnO:B Nano-Composite Powders

TANRIVERDI A., ALVER Ü., Akgül Ö., Kerli S.

10th Nanoscience and Nanotechnology Conference (NanoTr10), İstanbul, Turkey, 17 - 21 June 2014, pp.386

XLVII. Optical and Electrical Properties of Undoped and Boron Doped Cobalt Oxide Thin Films

Akgül Ö., ALVER Ü., Kerli S.

10th Nanoscience and Nanotechnology Conference (NanoTr10), İstanbul, Turkey, 17 - 21 June 2014, pp.399

XLVIII. Synthesis of RGO / NiO Nano Composite Powder

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