

Prof. FATİH DUMLUDAĞ

Personal Information

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---- <http://fzk.fef.marmara.edu.tr/hizmetlerimiz/fizik-laboratuvari-olcum-ve-ucetleri/>

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Education Information

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Physics, Turkey 1993 - 2000

Post Graduate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Physics, Turkey 1988 - 1991

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, MS ve MIS yapılarının gaz algılama özelliklerinin incelenmesi, Marmara University, Fen Bilimleri Enstitüsü, Fizik Anabilim Dalı, 2000

Post Graduate, Türkiye'de bulunan bazı yarıiletken minerallerin yapısal ve fotoelektriksel özelliklerinin incelenmesi, Marmara University, Fen Bilimleri Enstitüsü, Fizik Anabilim Dalı, 1991

Research Areas

Printed Circuits, Thin Film, Thick Film and Hybrid ICs, Nanotechnology, Renewable energy, Dielectric Materials and Devices, Semiconducting Materials and Devices, Ceramic Materials, Semiconductor and Superconductor Materials, Polymeric Materials, Nanomaterials, Biosensor, Physics, Interdisciplinary Physics and Related Science and Technology Areas, Materials Science, Surfaces, Interfaces, Thin Films and Nanosystems, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties, Electronic structure of bulk material, Electrical properties of electronic structures, interfaces, thin films and low-dimensional structures, Optical Properties, Spectroscopy of Matter, Electronic transport in condensed matter, Sensors

Academic Titles / Tasks

Professor, Marmara University, Faculty Of Arts And Sciences, Physics, 2021 - Continues

Associate Professor, Marmara University, Faculty Of Arts And Sciences, Physics, 2014 - 2021

Assistant Professor, Marmara University, Faculty of Arts and Sciences, Physics, 2003 - 2014

Lecturer PhD, Marmara University, Faculty of Arts and Sciences, Physics, 2001 - 2003

Research Assistant, Marmara University, Ataturk Faculty of Education, Computer and Educational Technology, 1998 - 2001

Researcher, University of Durham, School of Engineering, Centre for Molecular Electronics, 1998 - 1999

Research Assistant, Marmara University, Ataturk Faculty of Education, Mathematics and Science Education, 1991 - 1998

Professional Experience

Sanayi ile İşbirliğini Geliştirme Komisyonu Üyesi, Marmara University, Faculty Of Arts And Sciences, Physics, 2014 - Continues

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Marmara University, Faculty Of Arts And Sciences, Physics, 2016 - 2017

Ders Programları Komisyonu Başkanı, Marmara University, Faculty Of Arts And Sciences, Physics, 2014 - 2017

ÇAP YANDAL ve Programları Komisyonu Başkanı/Koordinatörü, Marmara University, Faculty Of Arts And Sciences, Physics, 2014 - 2017

Deputy Head of Department, Marmara University, Faculty of Arts and Sciences, Physics, 2007 - 2017

Misafir Araştırmacı, University of Durham, School of Engineering, Centre for Molecular Electronics, 1998 - 1999

Courses

Calculus-II, Under Graduate, 2018 - 2019

Physics-I, Under Graduate, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020

Physics-II, Under Graduate, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019

Introduction to Statistical Physics, Under Graduate, 2016 - 2017, 2017 - 2018, 2018 - 2019

Calculus-I, Under Graduate, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020

Physics of Semiconductor Devices, Post Graduate, 2015 - 2016, 2017 - 2018, 2018 - 2019

Mechanics, Under Graduate, 2016 - 2017, 2017 - 2018

Advanced Physics of Semiconductor Devices, Doctorate, 2013 - 2014, 2014 - 2015, 2017 - 2018

Introduction to Statistical Physics, Under Graduate, 2014 - 2015, 2015 - 2016

Calculus-II, Under Graduate, 2012 - 2013, 2014 - 2015

Mechanics, Under Graduate, 2014 - 2015, 2015 - 2016

Physics-I, Under Graduate, 2013 - 2014, 2014 - 2015

Calculus-I, Under Graduate, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015

İleri Yarıiletken Aygıtlar, Doctorate, 2010 - 2011, 2012 - 2013

Physics-I, Under Graduate, 2011 - 2012, 2012 - 2013

Yarıiletken Aygıtlar, Post Graduate, 2010 - 2011, 2011 - 2012

Advising Theses

Dumludağ F., Seyidov M. Y. , Katkılı Dielektrik ve Aktif Katmanlı OFET Karakteristiklerinin İncelenmesi, Doctorate, D.Taşkın(Student), Continues

Dumludağ F., Fabrication and Characterization of Nano-Inorganic/Organic Hybrid Solar Cells, Doctorate, Ö.Küçükgenç(Student), Continues

Dumludağ F., Oruç Ç., Reduction of Escherichia Coli Populations in Water Samples by Using Magnetic Nanoparticles, Post Graduate, M.Pınar(Student), 2019

Dumludağ F., Altındal A., Metal-oksit nanotel tabanlı aygıtların üretimi ve karakterizasyonu, Doctorate, M.COŞKUN(Student), 2017

DUMLUDAĞ F., Anodik alüminyum oksit (AAO) nano kalıpların yapımı, Post Graduate, F.KUTLU(Student), 2014

DUMLUDAĞ F., Organik tabanlı hibrit güneş pillerinin yapımı ve karakterizasyonu, Post Graduate, S.GÜMÜŞ(Student), 2013

Dumludağ F., Altındal A., Sulardaki mikroorganizmaların belirlenmesine yönelik biyosensörlerin geliştirilmesi, Post Graduate, M.AK(Student), 2013

Dumludağ F., Altındal A., Tantal oksit filmlerin yapısal, elektriksel ve optik özelliklerinin incelenmesi, Post Graduate, E.TATLI(Student), 2012

Dumludağ F., Altındal A., Organik tabanlı güneş pillerinin üretimi ve karakterizasyonu, Post Graduate, Ö.YAĞCI(Student), 2011

Dumludağ F., Altındal A., V2O5 ince filmlerin yapısal, elektriksel ve optik özelliklerinin incelenmesi, Post Graduate, A.KOCAMAN(Student), 2011

Dumludağ F., Altındal A., Metal-oksit ara tabakalı myy yapıların dielektrik özellikleri, Post Graduate, M.COŞKUN(Student), 2011

Dumludağ F., Altındal A., ZrO₂ nano parçacıklarının üretimi, dielektrik ve optik özelliklerinin belirlenmesi, Post Graduate, A.BİRLİK(Student), 2011

Dumludağ F., Altındal A., Organik ışık yayan diyotların imali ve karakterizasyonu, Post Graduate, G.KÖSOĞLU(Student), 2010

Dumludağ F., Altındal A., Sol-gel yöntemiyle hazırlanan WO₃ filmlerin elektriksel ve optik özelliklerinin incelenmesi, Post Graduate, A.ÖMÜR(Student), 2009

Dumludağ F., Altındal A., Farklı yöntemlerle hazırlanan tri-nükleer Co ve Zn ftalosyanin ince filmlerin elektriksel özelliklerinin incelenmesi, Post Graduate, F.NUR(Student), 2008

Dumludağ F., Altındal A., Sol-Jel metoduyla hazırlanan metaloksit filmlerin yapısal ve elektriksel karakterizasyonu, Post Graduate, D.TAŞKIN(Student), 2006

Dumludağ F., Altındal A., Ftalosyanin ince filmlerin elektriksel ve optik özelliklerinin incelenmesi, Post Graduate, Y.AKTAŞ(Student), 2006

Dumludağ F., Öztürk Z. Z. , Metal/yalıtkan/n-GaAs hidrojen sensörlerinin araştırılması ve geliştirilmesi, Post Graduate, N.UĞUR(Student), 2005

Jury Memberships

Post Graduate, Post Graduate, Marmara Üniversitesi, August, 2019

Competition, TÜBİTAK Ortaokul Öğrencileri Araştırma Projeleri Yarışması İstanbul Asya Bölgesi Fizik Dalı Jüri Üyesi, Marmara Üniversitesi, March, 2018

Competition, TÜBİTAK Liseler arası Proje Yarışması İstanbul Asya Bölgesi Fizik Dalı Jüri Üyesi, Marmara University, February, 2018

Competition, TÜBİTAK, Ortaokul Araş. Proje Yarışması, İstanbul Asya Bölg. Fizik Dalı Jüri Üyesi, Marmara Üniversitesi, March, 2017

Competition, TÜBİTAK Liseler arası Proje Yarışması İstanbul Asya Bölgesi Fizik Dalı Jüri Üyesi, Marmara Üniversitesi, February, 2017

Post Graduate, Post Graduate, Marmara Üniversitesi, November, 2015

Post Graduate, Post Graduate, Marmara Üniversitesi, March, 2015

Post Graduate, Post Graduate, Marmara Üniversitesi, September, 2014

Competition, TÜBİTAK Liselerarası Proje Yarışması İstanbul Asya Bölgesi Fizik (Uygulamalı) Dalı Jüri Üyesi, Marmara Üniversitesi, February, 2014

Post Graduate, Post Graduate, Marmara Üniversitesi, August, 2013

Competition, TÜBİTAK İlköğretim Proje Yarışması İstanbul Asya Bölgesi Fen Bilimleri Dalı Jüri Üyesi, Marmara Üniversitesi, April, 2013

Competition, TÜBİTAK Liselerarası Proje Yarışması İstanbul Asya Bölgesi Fizik (Uygulamalı) Dalı Jüri Üyesi, Marmara Üniversitesi, February, 2013

Competition, TÜBİTAK Liselerarası Proje Yarışması İstanbul Asya Bölgesi Fizik (Temel) Dalı Jüri Üyesi, Marmara Üniversitesi, February, 2013

Post Graduate, Post Graduate, Marmara Üniversitesi, December, 2012
Competition, TÜBİTAK İlköğretim Proje Yarışması İstanbul Asya Bölgesi Fen Bilimleri Dalı Jüri Üyesi, Marmara Üniversitesi, April, 2012
Doctorate, Doctorate, Marmara Üniversitesi, April, 2012
Competition, TÜBİTAK Liselerarası Proje Yarışması İstanbul Asya Bölgesi Fizik (Uygulamalı) Dalı Jüri Üyesi, Marmara Üniversitesi, February, 2012
Competition, TÜBİTAK Liselerarası Proje Yarışması İstanbul Asya Bölgesi Fizik (Temel) Dalı Jüri Üyesi, Marmara Üniversitesi, February, 2012
Post Graduate, Post Graduate, Marmara Üniversitesi, August, 2011
Competition, TÜBİTAK İlköğretim Proje Yarışması İstanbul Asya Bölgesi Fen Bilimleri Dalı Jüri Üyesi, Marmara Üniversitesi, April, 2011
Competition, TÜBİTAK Liselerarası Proje Yarışması İstanbul Asya Bölgesi Fizik (Uygulamalı) Dalı Jüri Üyesi, Marmara Üniversitesi, February, 2011
Competition, TÜBİTAK Liselerarası Proje Yarışması İstanbul Asya Bölgesi Fizik (Temel) Dalı Jüri Üyesi, Marmara Üniversitesi, February, 2011
Post Graduate, Post Graduate, Marmara Üniversitesi, September, 2010
Competition, TÜBİTAK Liselerarası Proje Yarışması İstanbul Asya Bölgesi Fizik Dalı Jüri Üyesi, Marmara Üniversitesi, February, 2010
Competition, TÜBİTAK Liselerarası Proje Yarışması İstanbul Asya Bölgesi Fizik Dalı Jüri Üyesi, Marmara Üniversitesi, February, 2009
Post Graduate, Post Graduate, Marmara Üniversitesi, August, 2008
Post Graduate, Post Graduate, Marmara Üniversitesi, August, 2008

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

- I. **Fabrication of three-dimensional PCL/BiFeO₃ scaffolds for biomedical applications**
Ulag S., Kalkandelen C., Bedir T., Erdemir G., Kuruca S. E., Dumludağ F., Ustundag C. B., Rayaman E., Ekren N., Kilic B., et al.
Materials Science and Engineering B: Solid-State Materials for Advanced Technology, vol.261, 2020 (Journal Indexed in SCI Expanded)
- II. **Synthesis, characterization, DFT study, conductivity and effects of humidity on CO₂ sensing properties of the novel tetrakis- [2-(dibenzylamino)ethoxy] substituted metallophthalocyanines**
Senoglu S., Özer M., Dumludağ F., Acar N., Salih B., Bekaroglu O.
SENSORS AND ACTUATORS B-CHEMICAL, vol.310, 2020 (Journal Indexed in SCI)
- III. **Effects of boron nitrite in thermoplastic polyurethane on thermal, electrical and free volume properties**
DUMLUDAĞ F., Yener M. Y., BAŞTÜRK E., MADAKBAŞ S., KAHRAMAN M. V., Umer M. A., YAHŞI U., TAV C.
POLYMER BULLETIN, vol.76, no.8, pp.4087-4101, 2019 (Journal Indexed in SCI)
- IV. **Synthesis, Conductivity, and Impedance Studies on Metallophthalocyanines Formed Across Adjacent Rings**
ŞENER S., AÇAR SELÇUKİ N., DUMLUDAĞ F., SALİH B., Bekaroglu O.
EUROPEAN JOURNAL OF INORGANIC CHEMISTRY, no.6, pp.770-779, 2019 (Journal Indexed in SCI)
- V. **Imidazole octasubstituted novel mono and double-decker phthalocyanines: Synthesis, characterization, electrical and gas sensing properties**
YABAŞ E., SÜLÜ M., DUMLUDAĞ F., Salih B., Bekaroglu O.
POLYHEDRON, vol.153, pp.51-63, 2018 (Journal Indexed in SCI)
- VI. **Bridged oxide nanowire device fabrication using single step metal catalyst free thermal evaporation**
COŞKUN M., Ombaba M. M., DUMLUDAĞ F., ALTINDAL A., Islam M. S.
RSC ADVANCES, vol.8, no.19, pp.10294-10301, 2018 (Journal Indexed in SCI)
- VII. **Electrical and gas sensing properties of novel cobalt(II), copper(II), manganese(III)**

- phthalocyanines carrying ethyl 7-oxy-4,8-dimethylcoumarin-3-propanoate moieties**
Koksoy B., Aygun M., Capkin A., DUMLUDAĞ F., Bulut M.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, vol.22, pp.121-136, 2018 (Journal Indexed in SCI)
- VIII. **The effect of surface modification of zeolite 4A on the physical and electrical properties of copolyimide hybrid films**
Bicen M., KAYAMAN APOHAN N., KARATAŞ S., DUMLUDAĞ F., Gungor A.
MICROPOROUS AND MESOPOROUS MATERIALS, vol.218, pp.79-87, 2015 (Journal Indexed in SCI)
- IX. **Preparation and electrical properties of polypyrrole containing photocured thiol-ene based composites**
MADAKBAŞ S., DUMLUDAĞ F., Eminoglu E. M., Sen F., KAHRAMAN M. V.
PROGRESS IN ORGANIC COATINGS, vol.80, pp.33-38, 2015 (Journal Indexed in SCI)
- X. **Influence of humidity on kinetics of xylene adsorption onto ball-type hexanuclear metallophthalocyanine thin film**
Altin S., DUMLUDAĞ F., ORUÇ Ç., ALTINDAL A.
MICROELECTRONIC ENGINEERING, vol.134, pp.7-13, 2015 (Journal Indexed in SCI)
- XI. **Preparation, Characterization, Thermal, and Dielectric Properties of Polypyrrole/h-BN Nanocomposites**
MADAKBAŞ S., Sen F., KAHRAMAN M. V., DUMLUDAĞ F.
ADVANCES IN POLYMER TECHNOLOGY, vol.33, no.4, 2014 (Journal Indexed in SCI)
- XII. **Synthesis, characterization, electrochemistry and VOC sensing properties of novel ball-type dinuclear metallophthalocyanines**
Çimen Y., Ermis E., Dumludağ F., Özkaya A. R., Salih B., Bekaroglu O.
SENSORS AND ACTUATORS B-CHEMICAL, vol.202, pp.1137-1147, 2014 (Journal Indexed in SCI)
- XIII. **Preparation, characterization and electrical properties of polyacrylonitrile/huntite composites**
MADAKBAŞ S., Celik Z., DUMLUDAĞ F., KAHRAMAN M. V.
POLYMER BULLETIN, vol.71, no.6, pp.1471-1481, 2014 (Journal Indexed in SCI)
- XIV. **Methanol Vapor Sensing by Porous Silicon**
Yilmaz O., Kayahan E., Goren F., Dumludag F.
ACTA PHYSICA POLONICA A, vol.125, no.2, pp.288-289, 2014 (Journal Indexed in SCI)
- XV. **Vic-dioxime complexes bearing carboxyester and picolyl amide functionality: synthesis, characterization, spectroscopy, electrochemistry, and electrical properties**
YARAŞIR M. N., KANDAZ M., Akyildiz A., KARADENİZ K., DUMLUDAĞ F., KOCA A.
MONATSHFTE FÜR CHEMIE, vol.144, no.7, pp.951-962, 2013 (Journal Indexed in SCI)
- XVI. **Synthesis in water-free DMF, characterization, electrical, and gas sensing properties of bis[2-(2-aminoethylamino)ethanol]copper(II) dibromide**
Tascioglu S., Yalçın B., Dumludağ F., Kaki E.
CHEMICAL PAPERS, vol.67, pp.613-623, 2013 (Journal Indexed in SCI)
- XVII. **Synthesis, characterization and electrical properties of peripherally tetra-aldazine substituted novel metal free phthalocyanine and its zinc(II) and nickel(II) complexes**
Bayrak R., DUMLUDAĞ F., Akcay H. T., DEĞİRMENCİOĞLU İ.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.105, pp.550-556, 2013 (Journal Indexed in SCI)
- XVIII. **Electrochemical and electrical properties of novel mono and ball-type phthalocyanines**
Ermis E., ÇİMEN Y., DUMLUDAĞ F., ÖZKAYA A. R., SALİH B., Bekaroglu O.
POLYHEDRON, vol.49, no.1, pp.129-137, 2013 (Journal Indexed in SCI)
- XIX. **Novel alpha-7-oxy-4-(4-methoxyphenyl)-8-methylcoumarin substituted metal-free, Co(II) and Zn(II) phthalocyanines: Photochemistry, photophysics, conductance and electrochemistry**
ODABAŞ Z., ORMAN E. B., DURMUŞ M., DUMLUDAĞ F., ÖZKAYA A. R., Bulut M.
DYES AND PIGMENTS, vol.95, no.3, pp.540-552, 2012 (Journal Indexed in SCI)
- XX. **The effect of titania content on the physical properties of polyimide/titania nanohybrid films**
Kizilkaya C., DUMLUDAĞ F., KARATAŞ S., KAYAMAN APOHAN N., Altindal A., Gungor A.

- JOURNAL OF APPLIED POLYMER SCIENCE, vol.125, no.5, pp.3802-3810, 2012 (Journal Indexed in SCI)
- XXI. **Synthesis, characterization, spectral and electrical properties of peripherally tetra-triazole-substituted phthalocyanines and its metal complexes**
Bayrak R., KARAOĞLU K., ÜNVER Y., SANCAK K., DUMLUDAĞ F., DEĞİRMENCİOĞLU İ.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.712, pp.57-66, 2012 (Journal Indexed in SCI)
- XXII. **Electrical and electrochemical properties of double-decker Lu(III) and Eu(III) phthalocyanines with four imidazoles and N-alkylated imidazoles**
Yabas E., SÜLÜ M., DUMLUDAĞ F., ÖZKAYA A. R. , SALİH B., Bekaroglu O.
POLYHEDRON, vol.42, no.1, pp.196-206, 2012 (Journal Indexed in SCI)
- XXIII. **Synthesis and electrochemical, electrochromic and electrical properties of novel s-triazine bridged trinuclear Zn(II), Cu(II) and Lu(III) and a tris double-decker Lu(III) phthalocyanines**
Sen P., DUMLUDAĞ F., SALİH B., ÖZKAYA A. R. , Bekaroglu O.
SYNTHETIC METALS, vol.161, pp.1245-1254, 2011 (Journal Indexed in SCI)
- XXIV. **Synthesis, characterization and investigation of electrical and electrochemical properties of imidazole substituted phthalocyanines**
YABAŞ E., SÜLÜ M., Saydam S., DUMLUDAĞ F., SALİH B., Bekaroglu O.
INORGANICA CHIMICA ACTA, vol.365, no.1, pp.340-348, 2011 (Journal Indexed in SCI)
- XXV. **Novel homo- and heterobinuclear ball-type phthalocyanines: synthesis and electrochemical, electrical, EPR and MCD spectral properties**
ODABAŞ Z., DUMLUDAĞ F., ÖZKAYA A. R. , Yamauchi S., Kobayashi N., Bekaroglu O.
DALTON TRANSACTIONS, vol.39, no.35, pp.8143-8152, 2010 (Journal Indexed in SCI)
- XXVI. **Pd/native nitride/n-GaAs structures as hydrogen sensors**
Tasaltin N., DUMLUDAĞ F., EBEOĞLU M. A. , Yuzer H., ÖZTÜRK Z. Z.
SENSORS AND ACTUATORS B-CHEMICAL, vol.130, no.1, pp.59-64, 2008 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Effects of sintering temperature on electrical properties of sheep enamel hydroxyapatite**
Dumludağ F., Gündüz O., Kılıç O., Kılıç B., Ekren N., Kalkandelen C., Oktar F. N.
IOP Conf. Series: Materials Science and Engineering, vol.293, no.12002, pp.1-5, 2018 (Journal Indexed in ESCI)
- II. **DC and AC conductivity properties of bovine dentine hydroxyapatite (BDHA)**
Dumludağ F., Kılıç O., Ekren N., Kalkandelen C., Özbek B.
IOP Conf. Series: Materials Science and Engineering, vol.293, no.12003, pp.1-4, 2018 (Journal Indexed in ESCI)
- III. **Solution Processing Grown Alq₃ Microwires for Volatile Organic Compound Vapor Sensing**
Coşkun M., Dumludağ F., Altındal A.
Sensor Letters, vol.12, no.11, pp.1583-1589, 2014 (Journal Indexed in ESCI)
- IV. **Effects of pH on Dielectric Properties of Magnesium Oxide Nanoparticles**
Dumludağ F., Bakay D., Altındal A.
Balkan Physics Letters, vol.18, pp.414-421, 2010 (Refereed Journals of Other Institutions)
- V. **Characterization of Doped and Undoped CuO Nanoparticles**
Gazioglu D. T. , Dumludağ F., Altındal A.
American Institute of Physics, vol.1203, pp.456-460, 2010 (Refereed Journals of Other Institutions)
- VI. **Response to Vapors of Volatile Organic Compounds of SnO₂ Thin Film**
Dumludağ F., Hacıoğlu Ö., Altındal A.
American Institute of Physics, vol.1203, pp.537-541, 2010 (Refereed Journals of Other Institutions)
- VII. **Gas sensing Properties of bis-Phthalocyanine Thin Film**
Dumludağ F., Kılıç P., Odabaş Z., Altındal A., Bekaroglu Ö.
American Institute of Physics, vol.1203, pp.542-546, 2010 (Refereed Journals of Other Institutions)
- VIII. **Effects of the Metal Electrode on Dielectric Constant of MgO Nanoparticles**
Dumludağ F., Bakay D., Altındal A.

- American Institute of Physics, vol.1203, pp.533-536, 2010 (Refereed Journals of Other Institutions)
- IX. **Alcohol sensing Properties of Sol-Gel Derived TiO₂ Thin Film**
Dumludağ F., Bulut S., Altındal A.
American Institute of Physics, vol.1203, pp.528-532, 2010 (Refereed Journals of Other Institutions)
- X. **Influence of Temperature on Impedance Spectra of Thin Film of Poly(styrenesulfonate) doped poly(3,4 ethylenedioxythiophene),**
Gazioğlu D. T. , Dumludağ F., Yerli Y., Altındal A.
American Institute of Physics, vol.1203, pp.451-455, 2010 (Refereed Journals of Other Institutions)
- XI. **Investigation of Electrical, Optical and Gas Sensing Properties of Sol-gel Derived WO₃ Thin Films,**
Çelik A. Ö. , Dumludağ F., Altındal A.
Balkan Physics Letters, vol.16, pp.161007-161013, 2009 (Refereed Journals of Other Institutions)
- XII. **Gas Sensing Properties of Newly Synthesized Cobalt Phthalocyanine (CoPc) Thin Film**
Dumludağ F., Altındal A., Bakay D., Akı Işık F. N. , Bulut M., Bekaroğlu Ö.
Balkan Physics Letters, vol.16, no.1, pp.161012-161017, 2009 (Refereed Journals of Other Institutions)
- XIII. **Impedance Spectroscopic Investigation of CuO nanoparticles**
Kösoğlu G., Alıkma F., Dumludağ F., Altındal A.
Balkan Physics Letters, vol.16, pp.161017-161022, 2009 (Refereed Journals of Other Institutions)
- XIV. **Temperature Dependency of Electrical Properties of Chemical Bath Deposited ZnS Thin Film**
Cancı U, Dumludağ F, Hastaoğlu M. A. , Altındal A.
Balkan Physics Letters, vol.15, pp.151051-151056, 2009 (Refereed Journals of Other Institutions)
- XV. **The Investigation of the Electrical Properties of a Newly Synthesized Phthalocyanine Thin Film and the Effect of the Preparation Conditions**
Aktaş Y., Şen P., Dumludağ F., Altındal A., Özer M., Bulut M., Bekaroğlu Ö.
Balkan Physics Letters, vol.1, pp.551-554, 2008 (Refereed Journals of Other Institutions)
- XVI. **Synthesis and Effects of Substrate Temperature on ac and dc Electrical Properties of Cobalt Phthalocyanine (CoPc) Thin Films**
Akı F. N. , Doğan D., Dumludağ F., Altındal A., Bulut M., Bekaroğlu Ö.
American Institute of Physics, vol.899, pp.229-230, 2007 (Refereed Journals of Other Institutions)
- XVII. **Structural, Optical and Electrical Properties of Sol-Gel Derived Titanium Dioxide Thin Film**
Taşkın D., Dumludağ F., Altındal A.
American Institute of Physics, vol.899, pp.285-286, 2007 (Refereed Journals of Other Institutions)
- XVIII. **The Effect of Ambient Conditions on the Impedance Spectra of Newly Synthesized Organic Semiconductor Thin Films**
Aktaş Y., Şen P., Dumludağ F., Altındal A., Özer M., Bulut M., Bekaroğlu Ö.
American Institute of Physics, vol.899, pp.233-234, 2007 (Refereed Journals of Other Institutions)
- XIX. **Ni/p-Si Yapısındaki MS Schottky Diyotların Hidrojen Sensörü Olarak Kullanılması**
Dumludağ F., Öztürk Z. Z.
Fırat Üniversitesi Fen ve Mühendislik Dergisi, vol.13, no.1, pp.65-70, 2001 (International Refereed University Journal)

Books & Book Chapters

- I. **Ortaöğretim FİZİK 9 Sınıf**
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