

Prof.Dr. Ahmet ALTINDAL

Kişisel Bilgiler

E-posta: altindal@yildiz.edu.tr

Web: <https://avesis.yildiz.edu.tr/altindal>

Posta Adresi: Yıldız Teknik Üniversitesi Fen-Ed. Fak. Fizik Böl. Davutpaşa, Esenler-İstanbul

Eğitim Bilgileri

Doktora, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Fizik, Türkiye 1994 - 1999

Yüksek Lisans, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Fizik Bölümü, Türkiye 1991 - 1993

Araştırma Alanları

Fizik, Yoğun Madde 2:Elektronik Yapı, Elektrik, Manyetik ve Optik Özellikler, Elektronik yapı, arayüzeylerin, ince filmlerin ve düşük boyutlu yapıların elektrik özellikleri, Yoğun maddede elektronik taşınım, Temel Bilimler

Akademik Unvanlar / Görevler

Prof.Dr., Yıldız Teknik Üniversitesi, Fen-Ed. Fakültesi, Fizik, 2012 - Devam Ediyor

Doç.Dr., Marmara Üniversitesi, Fen-Ed. Fakültesi, Fizik, 2007 - 2012

Yrd.Doç.Dr., Marmara Üniversitesi, Fen-Ed. Fakültesi, Fizik, 2001 - 2007

Öğretim Görevlisi Dr., Marmara Üniversitesi, Fen-Ed. Fakültesi, Fizik, 1999 - 2001

Araştırma Görevlisi, Marmara Üniversitesi, Fen-Ed. Fakültesi, Fizik, 1996 - 1999

Meslek Uzmanı, TÜBİTAK, Malzeme Enstitüsü, Elektronik , 1990 - 1996

Akademik İdari Deneyim

Bölüm Başkanı, Yıldız Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Bölümü, 2018 - Devam Ediyor

Senato Üyesi, Yıldız Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Bölümü, 2019 - 2022

Doçentlik Komisyon Üyeliği, Yıldız Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Bölümü, 2018 - 2021

Verdiği Dersler

Klasik Mekanik, Lisans, 2016 - 2017

Yönetilen Tezler

Altındal A., Organik tabanlı gaz sensörlerinde adsorpsiyon kinetiğinin incelenmesi, Yüksek Lisans, O.ÖZDEMİR(Öğrenci), 2016

ALTINDAL A., Organik Alan Etkili Transistör Üretimi ve Karakterizasyonu, Yüksek Lisans, H.Gök(Öğrenci), 2016

ALTINDAL A., Hava Kirliliğine Neden Olan Gazların Algılanmasına Yönelik Sensörlerin Geliştirilmesi, Yüksek Lisans,

Ş.Altın(Öğrenci), 2016

ALTINDAL A., Sıvılardaki Bakterilerin Algılanması için Biyosensörlerin Geliştirilmesi, Yüksek Lisans, M.Ağar(Öğrenci), 2016

Altındal A., Organik tabanlı güneş pili üretimi ve karakterizasyonu, Yüksek Lisans, S.SAJJAD(Öğrenci), 2013

Altındal A., Metal-oksit ara tabakalı myy yapıların dielektrik özellikleri, Yüksek Lisans, M.COŞKUN(Öğrenci), 2011

Altındal A., Organik tabanlı güneş pillerinin üretimi ve karakterizasyonu , Yüksek Lisans, Ö.YAĞCI(Öğrenci), 2011

Altındal A., ZrO₂ nano parçacıklarının üretimi, dielektrik ve optik özelliklerinin belirlenmesi , Yüksek Lisans, A.BANU(Öğrenci), 2011

Altındal A., Organik ışık yayan diyotların imali ve karakterizasyonu , Yüksek Lisans, G.Kösoğlu(Öğrenci), 2010

Altındal A., Sol-Jel metoduyla hazırlanan metaloksit filmlerin yapısal ve elektriksel karakterizasyonu, Yüksek Lisans, D.Taşkın(Öğrenci), 2006

Altındal A., Ftalosyanin ince filmlerin elektriksel ve optik özelliklerinin incelenmesi , Yüksek Lisans, Y.Aktaş(Öğrenci), 2006

Jüri Üyelikleri

Akademik Kadroya Atama-Yardımcı Doçentlik, Akademik Kadroya Atama, Hacettepe Üniversitesi, Eylül, 2022

Doktora Yeterlik Sınavı, Doktora Yeterlik Sınavı, Gebze Teknik Üniversitesi, Ağustos, 2022

Doktora Yeterlik Sınavı, Doktora Yeterlik Sınavı, Gebze Teknik Üniversitesi, Ağustos, 2022

Doktora Tez İzleme Komitesi (TİK) Üyeliği, Doktora Tez İzleme Komitesi (TİK) Üyeliği, Gebze Teknik Üniversitesi, Ağustos, 2022

Akademik Kadroya Atama-Yardımcı Doçentlik, Akademik Kadroya Atama, İstanbul Teknik Üniversitesi, Mayıs, 2022

Bilirkişi Kurulu, Bilirkişi Kurulu, İstanbul Üniversitesi, Ocak, 2022

Akademik Kadroya Atama-Yardımcı Doçentlik, Akademik Kadroya Atama, İstanbul Üniversitesi, Kasım, 2021

Akademik Kadroya Atama-Yardımcı Doçentlik, Akademik Kadroya Atama, Yıldız Teknik Üniversitesi, Haziran, 2021

Bilirkişi Kurulu, Bilirkişi Kurulu, Tekirdağ Namık Kemal Üniversitesi, Mayıs, 2021

Akademik Kadroya Atama-Yardımcı Doçentlik, Akademik Kadroya Atama, Marmara Üniversitesi, Haziran, 2020

Doçentlik Sınavı, Doçentlik Sınavı, Atatürk Üniversitesi, Şubat, 2013

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Novel reduced graphene oxide/zinc phthalocyanine and reduced graphene oxide/cobalt phthalocyanine hybrids as high sensitivity room temperature volatile organic compound gas sensors**
YABAŞ E., Bicer E., ALTINDAL A.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1271, 2023 (SCI-Expanded)
- II. **Manipulation of magnetic anisotropy by voltage induced strain in Co₂MnAl/PMN-PT heterostructure**
Ozdemir O., Altındal A., Arslan L. C.
JOURNAL OF APPLIED PHYSICS, cilt.132, sa.10, 2022 (SCI-Expanded)
- III. **Triphenylamine substituted copper and zinc phthalocyanines as alternative hole-transporting materials for solution-processed perovskite solar cells**
Celik G. G., ŞAHİN A. N., Lafzi F., SARAÇOĞLU N., ALTINDAL A., Gurek A. G., Atilla D.
DALTON TRANSACTIONS, cilt.51, ss.9385-9396, 2022 (SCI-Expanded)
- IV. **Nitrate Ion Sensing Properties of Peripheral 3,4,5-Trimethoxyphenoxy and Chlorine Substituted Metallo and Metal-free Phthalocyanines**
Senturk C. B., ŞAHİN A. N., ÇETİN A., ALTINDAL A., ODABAŞ Z.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, cilt.32, ss.1436-1447, 2022 (SCI-Expanded)
- V. **Electrochemical, spectroelectrochemical, electrocatalytic oxygen reducing, and heavy metal ion sensing properties of novel tetrakis-[4-((2, 8-bis (trifluoromethyl) quinolin-4-yl) oxyl)] substituted**

metallophthalocyanines

Daban N., ORMAN E. B., Meyanci L., ALTINDAL A., ÖZER M., ÖZKAYA A. R.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1250, 2022 (SCI-Expanded)

- VI. **Synthesis and photovoltaic properties of novel ferrocene-substituted metallophthalocyanines**
ÖZDEMİR M., Koksoy B., Kuruca H., ALTINDAL A., DURMUŞ M., KOYUNCU S., YALÇIN B., Bulut M.
DALTON TRANSACTIONS, cilt.51, ss.570-579, 2022 (SCI-Expanded)
- VII. **Beta irradiation effects on impedance spectra of electrospun PEDOT:PSS nanofibres**
Urfa Y., ALTINDAL A.
BULLETIN OF MATERIALS SCIENCE, cilt.44, sa.3, 2021 (SCI-Expanded)
- VIII. **Gamma ray irradiation dose dependent methanol sensing with ZnO nanoparticles**
Urfa Y., ÇORUMLU V., ALTINDAL A.
MATERIALS CHEMISTRY AND PHYSICS, cilt.264, 2021 (SCI-Expanded)
- IX. **Photosensitive field effect transistor based on metallo-phthalocyanines containing (4-pentylphenyl) ethynyl moieties**
Yenilmez H. Y., ŞAHİN A. N., ALTINDAL A., Bayır Z.
Synthetic Metals, cilt.273, 2021 (SCI-Expanded)
- X. **Unsymmetrical Zinc Phthalocyanines Containing Thiophene and Amine Groups As Donor for Bulk Heterojunction Solar Cells**
KESER KARAOĞLAN G., Kutlu Ö., ALTINDAL A.
Turkish Journal of Chemistry, cilt.45, sa.3, ss.694-703, 2021 (SCI-Expanded)
- XI. **A series of asymmetric zinc (II) phthalocyanines containing fluoro and alkynyl groups: Synthesis and examination of humidity sensing performance by using QCM based sensor**
Ahmetali E., Pekbelgin Karaoğlu H. R., Urfa Y., ALTINDAL A., Koçak M.
MATERIALS CHEMISTRY AND PHYSICS, cilt.254, 2020 (SCI-Expanded)
- XII. **Investigation of the photoconductive properties of thiophene substituted metallo-phthalocyanines**
Kumral E., Yenilmez H. Y., Albayrak S., ŞAHİN A. N., ALTINDAL A., Bayır Z. A.
Dalton transactions (Cambridge, England : 2003), cilt.49, sa.27, ss.9385-9392, 2020 (SCI-Expanded)
- XIII. **Synthesis, characterization, OFET, and DFT study of the novel ball-type metallophthalocyanines bridged with four diaminopyrimidine-dithiol**
Molla F., Yazici A., Salcuki N. A., ALTINDAL A., SALİH B., Bekaroglu O.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.24, ss.662-674, 2020 (SCI-Expanded)
- XIV. **Thiazole-substituted non-symmetrical metallophthalocyanines: synthesis, characterization, electrochemical and heavy metal ion sensing properties**
Beduoglu A., Sevim A. M., KOCA A., ALTINDAL A., Bayır Z.
NEW JOURNAL OF CHEMISTRY, cilt.44, sa.14, ss.5201-5210, 2020 (SCI-Expanded)
- XV. **Non-peripherally tetra substituted phthalocyanines bearing carboxylic acid anchoring groups as photosensitizer for high efficient dye-sensitized solar cells**
Gördük S., Altındal A.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1204, 2020 (SCI-Expanded)
- XVI. **One step facile in-situ photochemical synthesis of hollow, doughnut-like ZnO nanoparticles and their alcohol vapor sensing properties**
Kirtay H., Omur B., ALTINDAL A., ARSU N.
Materials Research Bulletin, cilt.122, 2020 (SCI-Expanded)
- XVII. **Synthesis, characterization and ethanol sensing properties of peripheral and non-peripheral tetrakis-(3,6-dihexyl-7-oxy-4-methylcoumarin)substituted zinc(II), cobalt(II), and copper(II) phthalocyanines**
Artuc G. O., ALTINDAL A., Eran B., Bulut M.
DYES AND PIGMENTS, cilt.171, 2019 (SCI-Expanded)
- XVIII. **Ethanol sensing with pure and boric acid doped electrospun CuInS₂ nanofibers in the presence of relative humidity**
YAĞCI Ö., Arat R., Sarier N., Omur B. C., ALTINDAL A.

MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, cilt.104, 2019 (SCI-Expanded)

- XIX. **Peripherally tetra-substituted metallophthalocyanines bearing carboxylic acid groups for efficient dye sensitized solar cells**
GÖRDÜK S., ALTINDAL A.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1196, ss.747-753, 2019 (SCI-Expanded)
- XX. **Sensing alcohol vapours with novel unsymmetrically substituted metallophthalocyanines**
Polat M. P., Akyuz D., Yenilmez H. Y., KOCA A., ALTINDAL A., Bayir Z. A.
DALTON TRANSACTIONS, cilt.48, sa.25, ss.9194-9204, 2019 (SCI-Expanded)
- XXI. **In-situ photochemical synthesis of Au nanoparticles in polymer matrix with one-component thioxanthone disulfide for detection of benzene, toluene and xylene vapours**
ÇINKO T., KOYUNCU U., OMUR B., ALTINDAL A., ARSU N.
PROGRESS IN ORGANIC COATINGS, cilt.132, ss.125-131, 2019 (SCI-Expanded)
- XXII. **Electric field assisted deposition of E. coli bacteria into the pores of porous silicon**
Güler S., Oruç Ç., Altındal A.
Journal of Microbiological Methods, cilt.161, ss.96-101, 2019 (SCI-Expanded)
- XXIII. **Synthesis, characterization and photovoltaic behaviours of peripheral and non-peripheral tetra-[4-(4-octylpiperazin-1-yl)phenoxy] substituted zinc(II), cobalt(II), copper(II) and indium(III) phthalocyanines**
ARTUC G. O., ALTINDAL A., ERAN B., Bulut M.
INORGANICA CHIMICA ACTA, cilt.490, ss.35-44, 2019 (SCI-Expanded)
- XXIV. **Electrochemical, photovoltaic and DFT studies on hybrid materials based on supramolecular self-assembly of a ditopic twisted perylene diimide with square-planar platinum(II)- and/or palladium(II)-2,2':6',2''-terpyridyl complex ions**
Buyukeksi S. I., ORMAN E. B., Acar N., ALTINDAL A., ÖZKAYA A. R., Sengul A.
DYES AND PIGMENTS, cilt.161, ss.66-78, 2019 (SCI-Expanded)
- XXV. **Synthesis, characterization and VOCs adsorption kinetics of diethylstilbestrol-substituted metallophthalocyanines**
Kaki E., Gogsu N., ALTINDAL A., SALİH B., Bekaroglu O.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.23, ss.166-174, 2019 (SCI-Expanded)
- XXVI. **Synthesis, characterization and ethanol sensing properties of carboxylic acid-terminated naphthoxy substituted phthalocyanines**
ISIK S. N., KARAÖGLAN G., OMUR B., ALTINDAL A., KOSE G.
SYNTHETIC METALS, cilt.246, ss.7-15, 2018 (SCI-Expanded)
- XXVII. **pi-Extended hexadeca-substituted cobalt phthalocyanine as an active layer for organic field-effect transistors**
Nar I., Atsay A., Karaoglu H. P., ALTINDAL A., Hamuryudan E.
DALTON TRANSACTIONS, cilt.47, sa.42, ss.15017-15023, 2018 (SCI-Expanded)
- XXVIII. **Metallophthalocyanines bearing four 3-(pyrrol-1-yl)phenoxy units as photosensitizer for dye-sensitized solar cells**
Polat M. P., Yenilmez H. Y., KOCA A., ALTINDAL A., Bayir Z. A.
DYES AND PIGMENTS, cilt.156, ss.267-275, 2018 (SCI-Expanded)
- XXIX. **Novel tetrakis 4-(hydroxymethyl)-2,6-dimethoxyphenoxy substituted metallophthalocyanines: Synthesis, electrochemical redox, electrocatalytic oxygen reducing, and volatile organic compounds sensing and adsorption properties**
Gunay I., ORMAN E. B., ALTINDAL A., SALİH B., ÖZER M., ÖZKAYA A. R.
DYES AND PIGMENTS, cilt.154, ss.172-187, 2018 (SCI-Expanded)
- XXX. **Ferrocenyl Phthalocyanine as Donor in Non-Poly(3-hexylthiophen-2,5-diyl) Bulk Heterojunction Solar Cell**
Nar I., Atsay A., ALTINDAL A., Hamuryudan E., Koçak M., Guel A.
CHEMISTRY-A EUROPEAN JOURNAL, cilt.24, sa.27, ss.6946-6949, 2018 (SCI-Expanded)
- XXXI. **Spectroscopic, electrochemical and photovoltaic properties of Pt(II) and Pd(II) complexes of a**

chelating 1,10-phenanthroline appended perylene diimide

Buyukeksi S. I., Sengul A., ERDÖNMEZ S., ALTINDAL A., ORMAN E. B., ÖZKAYA A. R.

DALTON TRANSACTIONS, cilt.47, sa.8, ss.2549-2560, 2018 (SCI-Expanded)

- XXXII. **o-Carborane, Ferrocene, and Phthalocyanine Triad for High-Mobility Organic Field-Effect Transistors**
Nar I., Atsay A., ALTINDAL A., Hamuryudan E.
INORGANIC CHEMISTRY, cilt.57, sa.4, ss.2199-2208, 2018 (SCI-Expanded)
- XXXIII. **Comparative study of I-V methods to extract Au/FePc/p-Si Schottky barrier diode parameters**
ORUÇ Ç., ALTINDAL A.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, cilt.124, sa.1, 2018 (SCI-Expanded)
- XXXIV. **Toluene vapor sensing characteristics of novel copper(II), indium(III), mono-lutetium(III) and tin(IV) phthalocyanines substituted with 2,6-dimethoxyphenoxy bioactive moieties**
PIŞKİN M., CAN N., ODABAŞ Z., ALTINDAL A.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.22, ss.189-197, 2018 (SCI-Expanded)
- XXXV. **Structural, spectroscopic and passivation properties of a novel binuclear clamshell-type zinc(II) phthalocyanine as gate dielectric for OFET**
Buyukeksi S. I., ALTINDAL A., Acar N., Sengul A.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.22, ss.64-76, 2018 (SCI-Expanded)
- XXXVI. **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, cilt.8, sa.19, ss.10294-10301, 2018 (SCI-Expanded)
- XXXVII. **Synthesis, characterization and OFET property of four diaminouracil bridged novel ball-type phthalocyanines**
Yazici A., Avci A., ALTINDAL A., SALİH B., Bekaroglu O.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.22, ss.149-156, 2018 (SCI-Expanded)
- XXXVIII. **Synthesis of peripherally tetra-substituted phthalocyanines and their applications in Schottky barrier diodes**
Gördük S., Koyun Ö., Avciata O., Altındal A., Avciata U.
Journal of Chemistry, cilt.2017, ss.1-9, 2017 (SCI-Expanded)
- XXXIX. **Structural and dielectric properties of CuO nanoparticles**
ORUÇ Ç., ALTINDAL A.
CERAMICS INTERNATIONAL, cilt.43, sa.14, ss.10708-10714, 2017 (SCI-Expanded)
- XL. **Electrochemical and photovoltaic studies on water soluble triads: Metallosupramolecular self-assembly of ditopic bis(imidazole) perylene diimide with platinum(II)-, and palladium(II)-2,2':6',2''-terpyridyl complex ions**
Buyukeksi S. I., ORMAN E. B., Sengul A., ALTINDAL A., ÖZKAYA A. R.
DYES AND PIGMENTS, cilt.144, ss.190-202, 2017 (SCI-Expanded)
- XLI. **Characterization of metal (Ag,Au)/phthalocyanine thin film/semiconductor structures by impedance spectroscopy technique**
Oruç Ç., Erkol A., Altındal A.
THIN SOLID FILMS, cilt.636, ss.765-772, 2017 (SCI-Expanded)
- XLII. **Synthesis, characterization and partition coefficients for VOC vapor adsorption onto novel pyridine derivatives Co(II) phthalocyanines**
Mizrak B., ALTINDAL A., ABDURRAHMANOĞLU Ş.
PROGRESS IN ORGANIC COATINGS, cilt.109, ss.92-96, 2017 (SCI-Expanded)
- XLIII. **Electrochemical, spectroelectrochemical, and dielectric properties of metallophthalocyanines bearing redox active cobalt and manganese metal centres**
Uzunmehmetoglu H. Z., Yenilmez H. Y., Kaya K., KOCA A., ALTINDAL A., Bayir Z. A.
INORGANICA CHIMICA ACTA, cilt.459, ss.51-62, 2017 (SCI-Expanded)
- XLIV. **Conduction and dielectric relaxation studies on substituted iron(II) phthalocyanine thin film**
Omur B., CAN N., ALTINDAL A.
MATERIALS CHEMISTRY AND PHYSICS, cilt.186, ss.438-445, 2017 (SCI-Expanded)

- XLV. **Kinetic Studies of the Adsorption of Chlorinated Hydrocarbons Onto Phthalocyanine Thin Film**
MISIRLIOGLU B., OZDEMIR O., ALTINDAL A.
IEEE SENSORS JOURNAL, cilt.17, sa.1, ss.121-126, 2017 (SCI-Expanded)
- XLVI. **Modeling of heavy metal ion adsorption isotherms onto metallophthalocyanine film**
CAN N., Omur B., ALTINDAL A.
SENSORS AND ACTUATORS B-CHEMICAL, cilt.237, ss.953-961, 2016 (SCI-Expanded)
- XLVII. **Synthesis, characterization and metal ion sensing properties of novel pyridone derivatives phthalocyanines**
Mizrak B., Agar M., Altindal A., ABDURRAHMANOĞLU Ş.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.20, sa.12, ss.1457-1462, 2016 (SCI-Expanded)
- XLVIII. **Novel 4,4'-(diphenylmethylene) bis(4,1-phenylene)bis(oxy))-bridged ball-type phthalocyanines: Electrochemical, electrocatalytic oxygen reducing and heavy metals ions sensing properties**
Dogan E., ÖZER M., ALTINDAL A., ÖZKAYA A. R., SALİH B., Bekaroglu O.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.20, ss.1319-1333, 2016 (SCI-Expanded)
- XLIX. **Highly soluble tetrasubstituted lanthanide bis-phthalocyanines; synthesis, characterization, electrical properties and aggregation studies**
Bilgili A. T., Günsel A., Kandaz M., ALTINDAL A., Comert H.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.20, ss.1065-1074, 2016 (SCI-Expanded)
- L. **Investigation on Aging Mechanism of Polyester Under Combined Stresses**
CAN N., ARAS F., ALEKPEROV V. A., ALTINDAL A.
IEEE ELECTRICAL INSULATION MAGAZINE, cilt.32, sa.4, ss.38-42, 2016 (SCI-Expanded)
- LI. **Novel indium(III) phthalocyanines; synthesis, photophysical and humidity sensing properties**
KESKİN B., OKUYUCU O., ALTINDAL A., ERDOĞMUŞ A.
NEW JOURNAL OF CHEMISTRY, cilt.40, sa.6, ss.5537-5545, 2016 (SCI-Expanded)
- LII. **Partition coefficient-Lewis basicity correlation in four dioxycyclobutenedion-bridged novel ball-type phthalocyanines**
Yazici A., Dalbul N., ALTINDAL A., SALİH B., Bekaroglu O.
SYNTHETIC METALS, cilt.212, ss.25-30, 2016 (SCI-Expanded)
- LIII. **Highly efficient dye-sensitized solar cells based on metal-free and copper(II) phthalocyanine bearing 2-phenylphenoxy moiety**
Ali H. E. A., ALTINDAL A., ALTUN S., ODABAŞ Z.
DYES AND PIGMENTS, cilt.124, ss.180-187, 2016 (SCI-Expanded)
- LIV. **Double-decker sensor phthalocyanines functionalized with 1-hydroxyhexane-3-ylthio moieties; synthesis, characterization, electrical properties and H- or J- type aggregation studies**
Bilgili A. T., Günsel A., Kandaz M., ALTINDAL A., Comert H.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, cilt.785, ss.112-121, 2015 (SCI-Expanded)
- LV. **Synthesis and characterization, electrical and gas sensing properties of N,N'-bis(salicylidene)-1,2-phenyldiamine substituted novel mono and ball-type metallo phthalocyanines**
Yazici A., Sarcicek B., ALTINDAL A., SALİH B., Bekaroglu O.
INORGANICA CHIMICA ACTA, cilt.428, ss.83-92, 2015 (SCI-Expanded)
- LVI. **Influence of humidity on kinetics of xylene adsorption onto ball-type hexanuclear metallophthalocyanine thin film**
Altın S., DUMLUDAĞ F., ORUÇ Ç., ALTINDAL A.
MICROELECTRONIC ENGINEERING, cilt.134, ss.7-13, 2015 (SCI-Expanded)
- LVII. **A conformationally stressed novel ball-type perylenediimide appended zinc(II) phthalocyanine hybrid: spectroelectrochemical, electrocolorimetric and photovoltaic properties**
Pekdemir F., Kurnali S., Sengul A., ALTINDAL A., ÖZKAYA A. R., SALİH B., Bekaroglu O.
DALTON TRANSACTIONS, cilt.44, sa.1, ss.158-166, 2015 (SCI-Expanded)
- LVIII. **Electrochemical, Electrocatalytic Dioxygen Reducing and Dielectric Relaxation Properties of Non-Peripheral Tetra-2,3-dihydro-1H-inden-5-yloxy Substituted Phthalocyanines**
ORMAN E. B., ALTUN S., ODABAŞ Z., ALTINDAL A., ÖZKAYA A. R.

JOURNAL OF THE ELECTROCHEMICAL SOCIETY, cilt.162, sa.12, 2015 (SCI-Expanded)

- LIX. **Synthesis, characterization, conduction, and dielectric properties of tetra tert-butylsulfanyl substituted phthalocyanines**
Kaipova S., Dincer H., ALTINDAL A.
JOURNAL OF COORDINATION CHEMISTRY, cilt.68, sa.4, ss.717-731, 2015 (SCI-Expanded)
- LX. **Gas sensing and electrochemical properties of tetra and octa 2H-chromen-2-one substituted iron(II) phthalocyanines**
ALTUN S., ORMAN E. B., ODABAŞ Z., ALTINDAL A., ÖZKAYA A. R.
DALTON TRANSACTIONS, cilt.44, sa.9, ss.4341-4354, 2015 (SCI-Expanded)
- LXI. **Synthesis of novel azo-bridged phthalocyanines and their toluene vapour sensing properties**
Sahin S., ALTUN S., ALTINDAL A., ODABAŞ Z.
SENSORS AND ACTUATORS B-CHEMICAL, cilt.206, ss.601-608, 2015 (SCI-Expanded)
- LXII. **Microwave-assisted synthesis of novel non-peripherally substituted metallophthalocyanines and their sensing behaviour for a broad range of Lewis bases**
Duruk E. G., Yenilmez H. Y., ALTINDAL A., Bayir Z. A.
DALTON TRANSACTIONS, cilt.44, sa.21, ss.10060-10068, 2015 (SCI-Expanded)
- LXIII. **Dielectric properties and electronic absorption: a comparison of novel azo- and oxo-bridged phthalocyanines**
Yuzuak M. M., ALTUN S., ALTINDAL A., ODABAŞ Z.
DALTON TRANSACTIONS, cilt.44, sa.3, ss.1397-1405, 2015 (SCI-Expanded)
- LXIV. **Synthesis, characterization and gas sensing properties of novel homo and hetero dinuclear ball-type phthalocyanines**
Kaki E., ALTINDAL A., SALİH B., Bekaroglu O.
DALTON TRANSACTIONS, cilt.44, sa.17, ss.8293-8299, 2015 (SCI-Expanded)
- LXV. **Ethanol sensing property of novel phthalocyanines substituted with 3,4-dihydroxy-3-cyclobuten-1,2-dione**
Yazici A., Dalbul N., ALTINDAL A., SALİH B., Bekaroglu O.
SENSORS AND ACTUATORS B-CHEMICAL, cilt.202, ss.14-22, 2014 (SCI-Expanded)
- LXVI. **Kinetics of CO₂ adsorption on ball-type dicopper phthalocyanine thin film**
ALTINDAL A., Kurt O., Sengul A., Bekaroglu O.
SENSORS AND ACTUATORS B-CHEMICAL, cilt.202, ss.373-381, 2014 (SCI-Expanded)
- LXVII. **A.c. and d.c. conduction processes in octakis[(4-tert-butylbenzylthio)-porphyrizinato]Cu(II) thin films with gold electrodes**
KESKİN B., ALTINDAL A., Avciata U., Gül A.
BULLETIN OF MATERIALS SCIENCE, cilt.37, sa.3, ss.461-468, 2014 (SCI-Expanded)
- LXVIII. **Photon parameters for gamma-rays sensing properties of some thick oxide films**
Kavanoz H. B., Yağci Ö., Yalçın Z., İçelli O., Altındal A., Okutan M., Mann K. S.
VACUUM, cilt.101, ss.238-245, 2014 (SCI-Expanded)
- LXIX. **Ultrasound-assisted rapid one-pot synthesis, characterization and electrical properties of a beta-aminoketone with a ferrocenyl moiety**
KESKİN B., Ozturkcan S. A., ALTINDAL A.
POLYHEDRON, cilt.69, ss.135-140, 2014 (SCI-Expanded)
- LXX. **Synthesis, characterization and dielectric properties of novel phthalocyanines bearing an octa-peripherally substituted mercaptoquinoline moiety**
ADAM N., Ugur A. L., ALTINDAL A., ERDOĞMUŞ A.
POLYHEDRON, cilt.68, ss.32-39, 2014 (SCI-Expanded)
- LXXI. **Synthesis, thermal, and electrical properties of stilbene-bridged polymeric zinc phthalocyanine**
Yurtseven H., Kaya M. A., ALTINDAL A., ŞENER M. K.
DESIGNED MONOMERS AND POLYMERS, cilt.17, sa.1, ss.58-68, 2014 (SCI-Expanded)
- LXXII. **Coumarin-substituted manganese phthalocyanines: synthesis, characterization, photovoltaic behaviour, spectral and electrochemical properties**

- ALTUN S., ODABAŞ Z., ALTINDAL A., ÖZKAYA A. R.
DALTON TRANSACTIONS, cilt.43, sa.21, ss.7987-7997, 2014 (SCI-Expanded)
- LXXIII. **Synthesis, characterization, oxygen electrocatalysis and OFET properties of novel mono- and ball-type metallophthalocyanines**
BAŞAK A. S., ÖZKAYA A. R., ALTINDAL A., SALİH B., Sengul A., Bekaroglu O.
DALTON TRANSACTIONS, cilt.43, sa.15, ss.5858-5870, 2014 (SCI-Expanded)
- LXXIV. **Synthesis, characterization, electrochemistry and VOC sensing properties of novel metallophthalocyanines with four cyclohexyl-phenoxyphthalonitrile groups**
Kaki E., ÖZKAYA A. R., ALTINDAL A., SALİH B., Bekaroglu O.
SENSORS AND ACTUATORS B-CHEMICAL, cilt.188, ss.1033-1042, 2013 (SCI-Expanded)
- LXXV. **Analysis of rectifying behavior of novel ball-type binuclear phthalocyanine based devices**
Yazici A., Ozkan C., Gezer M. B., ALTINDAL A., SALİH B., Bekaroglu O.
INORGANICA CHIMICA ACTA, cilt.404, ss.40-48, 2013 (SCI-Expanded)
- LXXVI. **Synthesis, characterization and dielectric properties of novel axial coumarin-substituted titanium(IV) phthalocyanines**
ALTUN S., ALTINDAL A., Bulut M.
POLYHEDRON, cilt.49, sa.1, ss.41-49, 2013 (SCI-Expanded)
- LXXVII. **Synthesis and Electrical and Gas Sensing Properties of Some 5-(Quinolinylmethylene)-2-thioxodihydropyrimidine-4,6(1H,5H)-dione and 5-(Quinolinylmethylene)pyrimidine-2,4,6(1H,3H,5H)-trione Derivatives**
Beker H. K., Canlıca M., Akıncı A., Altındal A., Kaban S.
JOURNAL OF CHEMISTRY, 2013 (SCI-Expanded)
- LXXVIII. **Synthesis, characterization, OFET and electrochemical properties of novel dimeric metallophthalocyanines**
Ozer L. M., ÖZER M., Altındal A., ÖZKAYA A. R., SALİH B., Bekaroglu O.
DALTON TRANSACTIONS, cilt.42, sa.18, ss.6633-6644, 2013 (SCI-Expanded)
- LXXIX. **Structural, electrical transport and NO₂ sensing properties of Y-doped ZnO thin films**
Kilinc N., Ozturk S., Arda L., ALTINDAL A., Ozturk Z. Z.
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.536, ss.138-144, 2012 (SCI-Expanded)
- LXXX. **The effect of titania content on the physical properties of polyimide/titania nanohybrid films**
Kizilkaya C., DUMLUDAĞ F., KARATAŞ S., Apohan N. K., Altındal A., Gungor A.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.125, sa.5, ss.3802-3810, 2012 (SCI-Expanded)
- LXXXI. **Schottky barrier diode parameters of Ag/MgPc/p-Si structure**
Canlıca M., Coşkun M., Altındal A., Nyokong T.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.16, ss.855-860, 2012 (SCI-Expanded)
- LXXXII. **The synthesis, photophysical and dielectric properties of ball-type dinuclear zinc phthalocyanine**
Canlıca M., Altındal A., Nyokong T.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.16, ss.826-832, 2012 (SCI-Expanded)
- LXXXIII. **Synthesis of Ni(II) porphyrazine peripherally 4-tert-butylbenzylthio moiety and electronic Schottky barrier diode octa-substituted with the properties of the Al/Ni(II)Pz/p-Si Schottky barrier diode**
KESKİN B., DENKTAŞ C., ALTINDAL A., Avcıata U., Gül A.
POLYHEDRON, cilt.38, sa.1, ss.121-125, 2012 (SCI-Expanded)
- LXXXIV. **Dielectric, conduction and interface properties of Au/Pc/p-Si Schottky barrier diode**
ALTINDAL A., COŞKUN M., Bekaroglu O.
SYNTHETIC METALS, cilt.162, ss.477-482, 2012 (SCI-Expanded)
- LXXXV. **Photovoltaic and electrocatalytic properties of novel ball-type phthalocyanines bridged with four dicumarol**
SALAN Ü., ALTINDAL A., ÖZKAYA A. R., SALİH B., Bekaroglu O.
DALTON TRANSACTIONS, cilt.41, sa.17, ss.5177-5187, 2012 (SCI-Expanded)
- LXXXVI. **Synthesis, interface (Au/M₂Pc₂/p-Si), electrochemical and electrocatalytic properties of novel ball-type phthalocyanines**

Sengul A., Dogan H. Z., ALTINDAL A., ÖZKAYA A. R., SALİH B., Bekaroglu O.
DALTON TRANSACTIONS, cilt.41, sa.25, ss.7559-7572, 2012 (SCI-Expanded)

- LXXXVII. **Phthalocyanine with a giant dielectric constant**
Yazici A., Unus N., ALTINDAL A., SALİH B., Bekaroglu O.
DALTON TRANSACTIONS, cilt.41, sa.13, ss.3773-3779, 2012 (SCI-Expanded)
- LXXXVIII. **Synthesis, characterization and electrical properties of novel metal-free, Co(II), Cu(II), Fe(II), Mn(II), Sn(II) phthalocyanines peripherally tetra-substituted with 2,3-dihydro-1H-inden-5-yloxy moiety**
ODABAŞ Z., ALTINDAL A., Bulut M.
SYNTHETIC METALS, cilt.161, ss.1742-1752, 2011 (SCI-Expanded)
- LXXXIX. **Synthesis, characterization, and electrochemical and electrical properties of novel mono and ball-type metallophthalocyanines with four 9,9-bis(4-hydroxyphenyl)fluorene**
Ağırtas M. S., Altindal A., SALİH B., Saydam S., Bekaroglu O.
DALTON TRANSACTIONS, cilt.40, sa.13, ss.3315-3324, 2011 (SCI-Expanded)
- XC. **Synthesis and electrochemical, electrical and gas sensing properties of novel mononuclear metal-free, Zn(II), Ni(II), Co(II), Cu(II), Lu(III) and double-decker Lu(III) phthalocyanines substituted with 2-(2H-1,2,3-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl) phenoxy**
Gumrukcu G., Ozgur M., Altindal A., Özkaya A. R., Salih B., Bekaroglu O.
SYNTHETIC METALS, cilt.161, ss.112-123, 2011 (SCI-Expanded)
- XCI. **Synthesis and characterization, novel across adjacent ring formed phthalocyanine**
Elmali D., Altindal A., ÖZKAYA A. R., SALİH B., Bekaroglu O.
DALTON TRANSACTIONS, cilt.40, sa.3, ss.651-660, 2011 (SCI-Expanded)
- XCII. **Synthesis and electrochemical electrical and gas sensing properties of novel mononuclear metal free Zn II Ni II Co II Cu II Lu III and double decker Lu III phthalocyanines substituted with 2 H 1 2 3 benzotriazol 2 yl 4 1 1 3 3 tetramethylbutyl phenoxy**
Özgür M., Gümrükçü Köse G., Altindal A., Özkaya A. R., Salih B., Özer B.
Synthetic Metals, cilt.1, sa.161, ss.112-123, 2011 (SCI-Expanded)
- XCIII. **Synthesis and electrochemical, in situ spectroelectrochemical, electrical and gas sensing properties of ball-type homo- and hetero-dinuclear phthalocyanines with four [1a,8b-dihydronaphtho[b]naphthofuro[3,2-d]furan-7,10-diyl] bridges**
ODABAŞ Z., Koc I., Altindal A., ÖZKAYA A. R., SALİH B., Bekaroglu O.
SYNTHETIC METALS, cilt.160, ss.967-977, 2010 (SCI-Expanded)
- XCIV. **Novel ball-type homo- and hetero-dinuclear phthalocyanines with four 1,1'-methylenedipthalen-2-ol bridges: Synthesis and characterization, electrical and gas sensing properties and electrocatalytic performance towards oxygen reduction**
ODABAŞ Z., Altindal A., ÖZKAYA A. R., SALİH B., Bekaroglu O.
SENSORS AND ACTUATORS B-CHEMICAL, cilt.145, sa.1, ss.355-366, 2010 (SCI-Expanded)
- XCv. **Novel ball-type four dithioerythritol bridged metallophthalocyanines and their water-soluble derivatives: Synthesis and characterization, and electrochemical, electrocatalytic, electrical and gas sensing properties**
Ceyhan T., Altindal A., ÖZKAYA A. R., SALİH B., Bekaroglu O.
DALTON TRANSACTIONS, cilt.39, sa.41, ss.9801-9814, 2010 (SCI-Expanded)
- XCvI. **Metal ion sensing functional mono and double-decker lanthanide phthalocyanines: Synthesis, characterization and electrical properties**
Kandaz M., Bilgili A. T., Altindal A.
SYNTHETIC METALS, cilt.160, ss.52-60, 2010 (SCI-Expanded)
- XCvII. **Electrical and gas sensing properties of Li and Ti codoped NiO/PVDF thin film**
Qureshi A., Atindal A., Mergen A.
SENSORS AND ACTUATORS B-CHEMICAL, cilt.138, sa.1, ss.71-75, 2009 (SCI-Expanded)
- XCvIII. **Preparation and characterization of Li and Ti codoped NiO nanocomposites for gas sensors applications**

Qureshi A., Mergen A., Altindal A.

SENSORS AND ACTUATORS B-CHEMICAL, cilt.135, sa.2, ss.537-540, 2009 (SCI-Expanded)

- XCIX. **Ball-type supramolecular metallophthalocyanines with eight perfluorodecyl units: chemosensors for SO₂ and electrocatalysts for oxygen reduction**

ÖZER M., Altindal A., ÖZKAYA A. R., Bekaroglu O.

DALTON TRANSACTIONS, sa.17, ss.3175-3181, 2009 (SCI-Expanded)

- C. **Synthesis, characterization, and electrocatalytic and electrical properties of novel ball-type four cyclopentyl-disilanoxy-POSS bridged metallophthalocyanines**

Ceyhan T., Altindal A., ÖZKAYA A. R., SALİH B., Bekaroglu O.

DALTON TRANSACTIONS, sa.46, ss.10318-10329, 2009 (SCI-Expanded)

- CI. **Synthesis, characterization, electrochemical and CO₂ sensing properties of novel mono and ball-type phthalocyanines with four phenolphthalein units**

ALTUN S., Altindal A., Oezkaya A. R., Bulut M., Bekaroglu O.

TETRAHEDRON LETTERS, cilt.49, ss.4483-4486, 2008 (SCI-Expanded)

- CII. **Synthesis, characterization, and electrochemical, and electrical measurements of novel 4,4'-isopropylidenedioxydiphenyl bridged bis and cofacial bis-metallophthalocyanines (Zn, Co)**

Canlıca M., Altindal A., Oezkaya A. R., Salih B., Bekaroglu O.

POLYHEDRON, cilt.27, ss.1883-1890, 2008 (SCI-Expanded)

- CIII. **Synthesis and characterization of novel cofacial bis-phthalocyanines containing 16-crown-5 ether groups**

Oezer M., Altindal A., Salih B., Bulut M., Bekaroglu O.

TETRAHEDRON LETTERS, cilt.49, sa.5, ss.896-900, 2008 (SCI-Expanded)

- CIV. **Synthesis and characterization of novel 4-nitro-2-(octyloxy)phenoxy substituted symmetrical and unsymmetrical Zn(II), Co(II) and Lu(III) phthalocyanines**

Kulac D., Bulut M., Altindal A., ÖZKAYA A. R., SALİH B., Bekaroglu O.

POLYHEDRON, cilt.26, sa.18, ss.5432-5440, 2007 (SCI-Expanded)

- CV. **Synthesis, characterization and electrochemical properties of novel metal free and zinc(II) phthalocyanines of ball and clamshell types**

CEYHAN T., Altindal A., OZKAYA A. R., CELIKBICAK O., SALIH B., ERBİL M. K., BEKAROGLU O.

POLYHEDRON, cilt.26, sa.15, ss.4239-4249, 2007 (SCI-Expanded)

- CVI. **Synthesis, characterization and electrical properties of novel mono- and cofacial bisphthalocyanines bridged with four [1a,8b-dihydronaphtho[b]naphthofuro[3,2-d]furan-7,10-diyl] units**

ODABAS Z., Altindal A., SALIH B., BULUT M., BEKAROGLU O.

TETRAHEDRON LETTERS, cilt.48, sa.36, ss.6326-6329, 2007 (SCI-Expanded)

- CVII. **Synthesis, characterization, and electrochemical and electrical properties of novel mononuclear and binuclear ball-type Zn(II) phthalocyanines substituted with 1a,8b-dihydronaphtho[b]naphthofuro[3,2-d]furan-7,10-diyl**

ODABAS Z., Altindal A., Oezkaya A. R., BULUT M., SALIH B., Bekaroglu O.

POLYHEDRON, cilt.26, sa.14, ss.3505-3512, 2007 (SCI-Expanded)

- CVIII. **Synthesis, characterization, and electrochemical and electrical properties of novel pentaerythritol-bridged cofacial bismetallophthalocyanines and their water-soluble derivatives**

OEZER M., Altindal A., OEZKAYA A. R., SALIH B., BULUT M., BEKAROGLU O.

EUROPEAN JOURNAL OF INORGANIC CHEMISTRY, sa.22, ss.3519-3526, 2007 (SCI-Expanded)

- CIX. **Synthesis, characterization, and electrochemical, spectroelectrochemical and electrical measurements of novel ball-type four 1,1'-methylenediphenyl-2-ol bridged metal-free, zinc(II) and cobalt(II), and metal-free clamshell phthalocyanines**

ODABAS Z., Altindal A., ÖZKAYA A. R., BULUT M., SALIH B., Bekaroglu O.

POLYHEDRON, cilt.26, sa.3, ss.695-707, 2007 (SCI-Expanded)

- CX. **Synthesis, characterization, and electrochemical, electrical and gas sensing properties of a novel tert-butylcalix[4]arene bridged bis double-decker lutetium(III) phthalocyanine**

CEYHAN T., Altindal A., ÖZKAYA A. R., ERBİL M. K., BEKAROGLU O.

POLYHEDRON, cilt.26, sa.1, ss.73-84, 2007 (SCI-Expanded)

- CXI. **Synthesis, characterization, and electrochemical and electrical properties of a novel ball-type hexanuclear metallophthalocyanine, bridged by calix[4]arenes substituted with four hexylthiometallophthalocyanines through nitro coupling**
CEYHAN T., Altindal A., Oezkaya A. R., SALİH B., ERBİL M. K., Bekaroglu O.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.11, sa.9, ss.625-634, 2007 (SCI-Expanded)
- CXII. **Synthesis and electrical properties of novel supramolecular octa-phthalocyaninato-dicobalt(II)-hexazinc(II) and dicobalt(II)dimeric-phthalocyanine with six ferrocenylimin pendant groups**
ABDURRAHMANOĞLU S., Altindal A., BULUT M., Bekaroglu O.
POLYHEDRON, cilt.25, sa.18, ss.3639-3646, 2006 (SCI-Expanded)
- CXIII. **Synthesis, characterization and some properties of novel bis(pentafluorophenyl)methoxyl substituted metal free and metallophthalocyanines**
OZER M., Altindal A., ÖZKAYA A. R., BULUT M., Bekaroglu O.
POLYHEDRON, cilt.25, sa.18, ss.3593-3602, 2006 (SCI-Expanded)
- CXIV. **Synthesis, characterization, conduction and gas sensing properties of novel multinuclear metallo phthalocyanines (Zn, Co) with alkylthio substituents**
Ceyhan T., Altindal A., Erbil M., Bekaroglu O.
POLYHEDRON, cilt.25, sa.3, ss.737-746, 2006 (SCI-Expanded)
- CXV. **Synthesis, characterization, and electrical, electrochemical and gas sensing properties of a novel ball-type four t-butylcalix[4]arene bridged binuclear zinc(II) phthalocyanine**
CEYHAN T., Altindal A., OZKAYA A., ERBİL M., SALIH B., BEKAROĞLU Z.
CHEMICAL COMMUNICATIONS, sa.3, ss.320-322, 2006 (SCI-Expanded)
- CXVI. **Synthesis, characterization, electrical and dielectric permittivity measurements of 2,9,16,23-tetra(4-ferrocenylimino-3-nitrophenoxy)phthalocyanines**
SALAN U., Altindal A., BULUT M., BEKAROĞLU O.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.10, sa.11, ss.1263-1270, 2006 (SCI-Expanded)
- CXVII. **Synthesis, characterization, and electrical, electrochemical and gas sensing properties of a novel cyclic borazine derivative containing three phthalocyaninato zinc(II) macrocycles**
OZER M., Altindal A., ÖZKAYA A. R., BULUT M., BEKAROĞLU O.
SYNTHETIC METALS, cilt.155, sa.1, ss.222-231, 2005 (SCI-Expanded)
- CXVIII. **Synthesis, characterization and electrical and CO₂ sensing properties of triazine containing three dendritic phthalocyanine**
SÜLÜ M., Altindal A., Bekaroglu O.
SYNTHETIC METALS, cilt.155, sa.1, ss.211-221, 2005 (SCI-Expanded)
- CXIX. **Synthesis and characterization of a new trans-2,2'-azoquinoxaline bridged bisphthalocyanine**
SALAN Ü., Altindal A., BULUT M., Bekaroglu O.
TETRAHEDRON LETTERS, cilt.46, sa.36, ss.6057-6061, 2005 (SCI-Expanded)
- CXX. **Charge transport mechanism in bis (double-decker lutetium(III) phthalocyanine) (Lu₂Pc₄) thin film**
Altindal A., ABDURRAHMANOĞLU S., BULUT M., BEKAROĞLU O.
SYNTHETIC METALS, cilt.150, sa.2, ss.181-187, 2005 (SCI-Expanded)
- CXXI. **Synthesis, characterization, and electrical and electrochemical properties of sandwich dilutetium tetraphthalocyanine**
Abdurrahmanoglu S., Altindal A., ÖZKAYA A. R., BULUT M., Bekaroglu O.
CHEMICAL COMMUNICATIONS, sa.18, ss.2096-2097, 2004 (SCI-Expanded)
- CXXII. **Halogen sensing using thin films of crosswise-substituted phthalocyanines**
Altindal A., Öztürk Z., Dabak S., Bekaroğlu Ö.
Sensors and Actuators, B: Chemical, cilt.77, ss.389-394, 2001 (SCI-Expanded)
- CXXIII. **EFFECTS OF ELECTROLYTE PH ON ELECTRICAL-PROPERTIES OF THE INTERFACE BETWEEN N-INSB AND ITS ANODIC NATIVE-OXIDE**
KILICOĞLU T., OZTURK Z., EBEOĞLU M., TURUT A., OZDEMIR M., ALTINDAL A.
INDIAN JOURNAL OF PURE & APPLIED PHYSICS, cilt.33, sa.4, ss.205-209, 1995 (SCI-Expanded)

CXXIV. Electrical properties of tetraazamacrocyclic-substituted phthalocyanines

Öztürk Z., Altındal A., Gürek A., Bekaroğlu Ö.

Synthetic Metals, cilt.52, sa.3, ss.291-297, 1992 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Charge Transport in Bifidobacterium animalis subsp.lactis BB-12 under Various Atmospheres**
Bozkurt K., Denктаş C., Özdemir O., Altındal A., Avdan Z., Bozkurt H. S.
Open Journal of Applied Sciences, cilt.9, ss.506-514, 2019 (Hakemli Dergi)
- II. **Meyer-Neldel Rule in Ac Conductivity of Cu Doped ZnO Thin Films**
Can N., Can Ömür B., Altındal A.
ANNALS OF STATISTICS, cilt.22, sa.6, ss.1538-1543, 2018 (Hakemli Dergi)
- III. **Ammonia adsorption kinetics on substituted phthalocyanine thin film**
Oruç Ç., Altındal A.
ANNALS OF STATISTICS, cilt.21, sa.6, ss.1, 2017 (Scopus)
- IV. **IMPEDANCE SPECTROSCOPY AND DIELECTRIC RELAXATION IN PHTHALOCYANINE THIN FILM**
Can N., Altındal A.
Uludağ University Journal of The Faculty of Engineering, cilt.22, ss.145-152, 2017 (Hakemli Dergi)
- V. **A quartz crystal microbalance study of the adsorption of benzene and acetone vapors onto coumarin-substituted manganese phthalocyanine film**
CAN ÖMÜR B., ALTINDAL A.
TURKISH JOURNAL OF PHYSICS, cilt.41, sa.1, ss.65-71, 2017 (ESCI)
- VI. **ADSORPTION KINETICS OF Cd²⁺ IONS ONTO MgPz THIN FILM**
Can N., Can Ömür B., Altındal A.
Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.17, sa.4, ss.622-632, 2016 (Hakemli Dergi)
- VII. **CONDUCTION MECHANISMS IN ORGANIC-BASED RECTIFYING DIODE**
Oruç Ç., Erkol A., Altındal A.
Anadolu Üniversitesi Bilim ve Teknoloji Dergisi A- Uygulamalı Bilimler ve Mühendislik, cilt.17, ss.717-723, 2016 (Hakemli Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Perovskit Güneş Hücreleri için Boşluk İletim Materyali olarak Yeni Zn (II) ve Cu (II) Ftalosiyanın Türevlerin Sentez ve Karakterizasyonu**
GÜMÜŞGÖZ ÇELİK G., Tunç G., Eroğlu Ö., ŞAHİN A. N., ALTINDAL A., GÜREK A. G.
32.Ulusal Kimya Kongresi, İstanbul, Türkiye, 17 Eylül 2020
- II. **Comparison of physical changes in 7 kV/cm and 12 kV/cm electric field values of PS based structures in liquids containing fixed concentration E. coli bacteria**
Güler S., Oruç Ç., Köksal Çakırlar F., Altındal A.
9th International Conference on Advanced Technologies 2020, İstanbul, Türkiye, 10 - 12 Ağustos 2020, ss.58
- III. **THE EFFECT OF THE ELECTRIC FIELD ON THE ADHESION OF E. coli ON POROUS SILICONES OF DIFFERENT SIZES**
Güler S., Oruç Ç., Altındal A.
4th International Conference on Material Science and Technology in Kızılcahamam (IMSTEC'19), October 18-20, 2019, ANKARA, TURKEY, Ankara, Türkiye, 18 - 20 Ekim 2019, ss.102
- IV. **Sensitive Detection of Cu²⁺ Ions in Aqueous Medium by Phthalocyanine Modified Piezoelectric Resonators**
Can N., Can Ömür B., Altındal A.
Turkish Physical Society 35th International Physics Congress, Muğla, Türkiye, 4 - 08 Eylül 2019, ss.212

- V. **INVESTIGATING OF PROPERTIES OF SHIELDING ABILITY OF MEERSCHAUMSTONE AGAINST GAMMA AND X-RAY RADIATION**
KAM E., Yalçın Z., ALTINDAL A., YAŞAR D., Tuna T.
INESECINTERNATIONAL ENGINEERING ANDNATURAL SCIENCES CONFERENCE(IENSC) 2018, 14 - 17 Kasım 2018
- VI. **INVESTIGATING OF PROPERTIES OF SHIELDING ABILITY OF MEERSCHAUM STONE AGAINST GAMMA AND X-RAY RADIATION**
KAM E., YALÇIN Z., ALTINDAL A., DOĞAN Y., TUNA T.
International Engineering and Natural Sciences Conference (IENSC 2018), Nov. 2018, Diyarbakır, Türkiye, 14 - 17 Kasım 2018
- VII. **ROOM TEMPERATURE VOC SENSING USING ZnO NANOFIBERS**
ALTINDAL A.
INESECINTERNATIONAL ENGINEERING ANDNATURAL SCIENCES CONFERENCE(IENSC) 2018, Diyarbakır, Türkiye, 14 - 17 Kasım 2018, ss.1278-1283
- VIII. **Pesticide Sensing in Water With Acoustic Wave Sensor**
CAN N., CAN ÖMÜR B., ALTINDAL A.
Turkish Physical Society 34th International Physics Congress (TFD34), Muğla, Türkiye, 05 Eylül 2018, ss.179
- IX. **Impedance Based TolueneSensor**
Aşıkoğlu Bozkurt A., Altındal A.
TFD34 – Turkish Physical Society 34th International Physics Congress, Muğla, Türkiye, 5 - 08 Eylül 2018, ss.169
- X. **Photochemically Prepared Nanocomposite Thin Films and Organic Vapor Detection**
Çinko T., Batıbay G. S., Özçelik E., Koyuncu U., Can Ömür B., Altındal A., Arsu N.
European Symposium of Photopolymer Science (ESPS), Mulhouse, Fransa, 3 - 06 Eylül 2018
- XI. **Reduction of E coli Populations in Water Samples by Using Magnetic Nanoparticles**
Tekin M. P., Dumludağ F., Altındal A., Oruç Ç.
TFD 34, Muğla, Türkiye, 05 Eylül 2018, ss.135
- XII. **Detection Of Heavy Metal Ions In Drinking Water Using Carbon Nanotube Functionalized Sensors.**
CAN N., CAN ÖMÜR B., ALTINDAL A.
3. International Conference on Civil and Environmental Engineering, 24 - 27 Nisan 2018
- XIII. **Investigation of Charge Transport Processes in Electrospun SnO₂ Nanofibers Using Impedance Spectroscopy Technique**
CAN ÖMÜR B., ALTINDAL A.
The International Conference on Materials Science, Mechanical and Automation Engineerings and Technology (IMSMATEC-2018), İzmir, Türkiye, 10 Nisan 2018, ss.406
- XIV. **Investigation of Neutron Radiation Shielding Ability of Meerschaum Stone and Boric Acid Reinforced Polyester**
Kam E., Altındal A., Yaşar D., Kar A., Tuna T.
2nd Radiation Protection Congress with International Participation, Nov. 23-25, 2017, Ankara, Ankara, Türkiye, 23 Kasım 2017, ss.1
- XV. **Development of Biosensor Platforms for Rapid detection of Escherichia coli from Clinical Isolates**
HALİPCİ TOPSAKAL H. N., AYGAN A., ALTINDAL A., ORUÇ Ç., KÖKSAL ÇAKIRLAR F.
7th Asia Pacific STD and INFECTIOUS DISEASES CONGRESS, Osaka, Japonya, 23 - 25 Ekim 2017, cilt.8, ss.37
- XVI. **SuKaynaklarındaki Escherichia coli'nin 50 kHz'deki SesDalgaları ile İnaktivasyonu**
TEKİN Ö. İ., ORUÇ Ç., ALTINDAL A.
6. ULUSAL MOLEKÜLER BİYOLOJİ VE BİYOTEKNOLOJİ KONGRESİ, Türkiye, 5 - 07 Ekim 2017
- XVII. **Electrochemical and photovoltaic studies on the water soluble metallosupramolecular triads derived from bis(imidazole)-perylene diimide appended with platinum(II)-, and palladium(II)-2,2'-xx:6'xx,2'-terpyridyl complex ions**
ŞENGÜL A., Büyükekşi S. I., ALTINDAL A., ÖZKAYA A. R.
81th PMM: Polymers and Organic Materials for Electronics and Photonics: Science for Applications, 10 - 14 Eylül 2017
- XVIII. **Electrochemical and photovoltaic studies on water soluble triads: Metallosupramolecular self-**

**assembly of ditopic bis(imidazole)perylene diimide with platinum(II)-, and palladium(II)-
2,2'xx:6'xx,2"-terpyridyl complex ions**

ŞENGÜL A., Işık Büyükeksi S., ALTINDAL A., ÖZKAYA A. R.

81st PRAGUE MEETING ON macroMOLECULES POLYMERS AND ORGANIC MATERILAS FOR ELECTRONICS AND PHOTONICS: SCIENCE FOR APPLICATIONS, Prag, Çek Cumhuriyeti, 10 - 14 Eylül 2017

- XIX. **Humidity Nanosensors Based on SnO₂ Electrospun Nanofibers**
CAN ÖMÜR B., CAN N., ALTINDAL A.
Türk Fizik Derneği 33.Uluslararası Fizik Kongresi, Muğla, Türkiye, 06 Eylül 2017, ss.615
- XX. **Leakage current mechanism in ITO/Organic film/Ag structures**
CAN N., CAN ÖMÜR B., ALTINDAL A.
Türk Fizik Derneği 33.Uluslararası Fizik Kongresi, Muğla, Türkiye, 06 Eylül 2017, ss.624
- XXI. **Leakage Current Mechanism in ITO/Organic Film/Ag Sructures**
CAN N., CAN ÖMÜR B., ALTINDAL A.
Türk Fizik Derneği 33.Uluslararası Fizik Kongresi, Muğla, Türkiye, 6 - 10 Eylül 2017, ss.624
- XXII. **Electrospun nanofibers of boric acid doped copper indium disulfide**
YAĞCI Ö., Arat R., SARIER N., ALTINDAL A.
TFD 33, 6 - 10 Eylül 2017
- XXIII. **Influence of Electric Field on E.coli Attachment to Porous Silicon Surface**
Güler S., Oruç Ç., Altındal A.
"International Conference on Civil and Environmental Engineering MSNG 2017, Bosanska Krupa, Bosna-Hersek, 28 Haziran 2017, ss.530
- XXIV. **CuO nanofibers for highly sensitive VOC detection**
CAN ÖMÜR B., ALTINDAL A.
4th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG-2017), Sarajevo, Bosna-Hersek, 28 Haziran 2017, ss.12
- XXV. **Kinetics of pesticide and heavy metal ion adsorption onto phthalocyanine thin film**
CAN N., ALTINDAL A.
4th International Conference on Materials Science and Nanotechnology For Next Generation, MSNG-2017, Sarajevo, Bosna-Hersek, 28 Haziran 2017, ss.52
- XXVI. **Synthesis And Characterization Of Novel Homo and Heterodinuclear Ball-Type Phthalocyanines**
KAKI E. H., ALTINDAL A., SALİH B., BEKAROĞLU Ö.
3rd International Conference on New Trends in Chemistry, Helsinki, Finlandiya, 28 - 30 Nisan 2017
- XXVII. **Gravimetric Detection of Pesticide in Water Samples**
CAN N., ALTINDAL A.
2nd International Conference on Civil and Environmental Engineering (Cappadocia-2017), Nevşehir, Türkiye, 08 Mayıs 2017, ss.3430
- XXVIII. **Escherichia coli inactivation by ultrasound with a requency of 75 kHz**
ORUÇ Ç., ALTINDAL A., Tekin Ö. İ.
ICOCEE – CAPPADOCIA 2017, Nevşehir, Türkiye, 08 Mayıs 2017, ss.1447
- XXIX. **Interdigitated Microelectrodes for Detection and Identification of BTX Vapours**
CAN ÖMÜR B., CAN N., ALTINDAL A.
2nd International Conference on Civil and Environmental Engineering (ICOCEE-2017), Nevşehir, Türkiye, 8 - 10 Mayıs 2017, ss.3431
- XXX. **Interdigitated Microelectrodes for Detection and Identification of BTX Vapours**
CAN ÖMÜR B., CAN N., ALTINDAL A.
2nd INTERNATIONAL CONFERENCE ON CIVIL AND ENVIRONMENTAL ENGINEERING, 8 - 10 Mayıs 2017, ss.3431
- XXXI. **Sensing Properties of Reduced Graphene Oxide Thin Film Fabricated with Covalent Anchoring On Flexible Substrate**
KESKİN B., ŞAHİNTÜRK U., ALTINDAL A.
International Conference On Energy Systems, 24 - 26 Aralık 2016
- XXXII. **The influence of electric field applied during depositon on functionality of TiO₂ VO₂ thin films**

- CAN N., CAN ÖMÜR B., ALTINDAL A.
Science & Applications of Thin Films, Conference & Exhibition SATF 2016, 19 - 23 Eylül 2016
- XXXIII. **Characterization of Metal Ag Au Pc thin film Semiconductor Structures by Impedance Spectroscopy Technique**
ORUÇ Ç., Erkol A., ALTINDAL A.
Science & Applications of Thin Films, Conference & Exhibition SATF 2016, 19 - 23 Eylül 2016
- XXXIV. **The influence of electric field applied during depositon on functionality of TiO2 VO2 thin films**
CAN N., CAN ÖMÜR B., ALTINDAL A.
Science Applications of Thin Films, Conference Exhibition SATF 2016, İzmir, Türkiye, 19 - 23 Eylül 2016
- XXXV. **Investigation of photoconductive properties of single layered organic photoreceptors**
CAN N., CAN ÖMÜR B., ALTINDAL A.
2nd International Conference on Organic Electronic Material Technologies OEMT2016, Türkiye, 17 - 19 Mayıs 2016
- XXXVI. **A Comphensive Study on Dielectric Mechanism of Conducting Polymers Sodium Silicate Composites**
ERDÖNMEZ S., BULGURCUOĞLU A. E., KARABUL Y., KILIÇ M., GÜVEN ÖZDEMİR Z., OKUTAN M., ALTINDAL A.
oem2016, 17 - 19 Mayıs 2016
- XXXVII. **The Influence of Poly(3,4-ethylenedioxythiophene)-poly(styrenesulfonate) doping on the Impedance Spectra of NiPc Thin Films**
Süngü Mısırlıoğlu B., Güven Özdemir Z., Altındal A.
2nd International Conference on Organic Electronic Material Technologies OEMT 2016, Çanakkale, Türkiye, 17 - 19 Mayıs 2016, ss.83
- XXXVIII. **A Comprehensive Study on Dielectric Mechanism of Conducting Polymers Sodium Silicate Composites**
Erdönmez S., Bulgurcuoğlu A. E., Karabul Y., Kılıç M., Güven Özdemir Z., Okutan M., Altındal A.
2nd International Conference on Organic Electronic Material Technologies (OEMT-2016), Çanakkale, Türkiye, 17 - 19 Mayıs 2016
- XXXIX. **The Influence of Poly(3,4-ethylenedioxythiophene)-poly(styrenesulfonate) doping on the Impedance Spectra of NiPc Thin Films**
SÜNGÜ MISIRLIOĞLU B., Güven Özdemir Z., Altındal A.
OEMT2016:2nd INTERNATIONAL ORGANIC ELECTRONIC MATERIAL TECHNOLOGIES CONFERENCE, 01 Mayıs 2016
- XL. **Substitute bakır ftalosiyanın yüzeyinde hidrojen peroksit adsorpsiyonu**
CAN ÖMÜR B., Altındal A.
ADIM FİZİK GÜNLERİ V Eskişehir Osmangazi Üniversitesi, Fen Edebiyat Fakültesi, Fizik Bölümü- 21-23 Nisan, Eskişehir, Türkiye, 21 Nisan 2016, ss.145
- XLI. **Cd 2 İyonlarının MgPz Film Üzerinde Adsorpsiyon Kinetiği**
Can N., Altındal A.
ADIM FİZİK GÜNLERİ V Eskişehir Osmangazi Üniversitesi, Eskişehir, Türkiye, 21 - 23 Nisan 2016
- XLII. **The Effect of Dipole Moment of Analytes on the Response of Phthalocyanine Thin Films**
OZDEMİR O., MISIRLIOGLU B., ALTINDAL A.
9th International Physics Conference of the Balkan-Physical-Union (BPU), İstanbul, Türkiye, 24 - 27 Ağustos 2015, cilt.1722
- XLIII. **Highly Sensitive BTX Detection Using Surface Functionalized QCM Sensor**
Bozkurt A., Özdemir O., ALTINDAL A.
9th International Physics Conference of the Balkan-Physical-Union (BPU), İstanbul, Türkiye, 24 - 27 Ağustos 2015, cilt.1722
- XLIV. **Highly Sensitive Heavy Metal Ion Detection Using AlQ(3) Microwire Functionalized QCM**
Can N., Agar M., Altındal A.
9th International Physics Conference of the Balkan-Physical-Union (BPU), İstanbul, Türkiye, 24 - 27 Ağustos 2015, cilt.1722
- XLV. **Study of the humidity interference in nanostructured Fe2O3 based gas sensor**
AŞIKOĞLU BOZKURT A., Özdemir O., ALTINDAL A.
2.INTERNATIONAL NANOSCIENCE & NANOTECHNOLOGY FOR NEXT GENERATION (NANONG 2015), Antalya,

Türkiye, 29 Ekim 2015, ss.11

- XLVI. **Second order kinetic model for the adsorption of chlorinated hydrocarbons on ball type phthalocyanine thin film**
SÜNGÜ MISIRLIOĞLU B., ALTINDAL A.
NanoNG 15, 29 - 31 Ekim 2015
- XLVII. **Study of the humidity interference in nanostructured Fe₂O₃ based gas sensor**
AŞIKOĞLU BOZKURT A., ALTINDAL A.
NanoNG 15, 29 - 31 Ekim 2015
- XLVIII. **The Synthesis of D D Derivated Phthalocyanines for DyeSensitized Solar Cell Investigation of Spectroscopic and Electrical Properties**
Çaktı K., Aytan Kılıçarslan F., Altındal A., Okutan M., Erden İ.
2nd International Nanoscience and Nanotechnology for Next Generation Conference (NaNoNG), Antalya, Türkiye, 28 - 30 Ekim 2015, ss.130
- XLIX. **Synthesis characterization and gas sensing properties of novel porphyrazines peripherally substituted alkenyl moiety**
Keskin B., Altındal A., Avciata U.
1st International Advanced and Functional Materials Technologies (AFMAT) 2015, Antalya, Türkiye, 26 - 28 Ekim 2015, ss.36
- L. **Second-order kinetic model for the adsorption of chlorinated hydrocarbons on ball-type phthalocyanine thin film**
SÜNGÜ MISIRLIOĞLU B., Altındal A.
International Conference on Nanoscience and Nanotechnology For Next Generation-NANONG2015, 01 Ekim 2015
- LI. **DYE SENSITIZED SOLAR CELL BASED ON BALL TYPE PHTHALOCYANINE DYES**
ERDÖNMEZ S., SÜNGÜ MISIRLIOĞLU B., ALTINDAL A.
9th INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION, 24 - 27 Ağustos 2015
- LII. **HIGLY SENSITIVE BTX DETECTION USING SURFACE FUNCTIONALIZED QCM SENSOR**
AŞIKOĞLU BOZKURT A., Özdemir O., ALTINDAL A.
9th INTERNATIONAL PHYSICS CONFERENCE OF THE BALKAN PHYSICAL UNION, 24 - 27 Ağustos 2015
- LIIL. **Electrical, Thermal and Morphological Properties of Low Density Polyethylene/Zinc Oxide Nanocomposite Films**
BERBER YAMAK H., Altan M., ALTINDAL A.
International Conference on Advances in Composite Materials and Structures, İstanbul, Türkiye, 13 - 15 Nisan 2015
- LIV. **Synthesis of Alkyl Bromine End Functionalized Porphyrazine and Investigation of Its Electrical Properties**
KESKİN B., Altındal A.
10th Nanoscience and Nanotechnology Conference of Turkey (NanoTR10), İstanbul, Türkiye, 17 - 21 Haziran 2014
- LV. **Ultrasound Assisted Rapid Synthesis of Ferrocene Containing Beta Amino Ketone with Direct Type Catalytic Mannich Reaction and Investigating its Physical Properties**
KESKİN B., Öztürkcan S. A., Altındal A.
15th JCF-Frühjahrssymposium, Berlin, Almanya, 6 - 09 Mart 2013, ss.53
- LVI. **Gas Sensing Properties of bis-Phthalocyanine Thin Film**
DUMLUDAĞ F., Kilic P., ODABAŞ Z., Altındal A., Bekaroglu O.
7th International Conference of the Balkan-Physical-Union, Alexandroupoli, Yunanistan, 9 - 13 Eylül 2009, cilt.1203, ss.542-543
- LVII. **Influence of Temperature on Impedance Spectra of Thin Film of Poly(styrenesulfonate) doped poly(3,4 ethylenedioxythiophene)**
Gazioglu D. T., DUMLUDAĞ F., Yerli Y., Altındal A.
7th International Conference of the Balkan-Physical-Union, Alexandroupoli, Yunanistan, 9 - 13 Eylül 2009, cilt.1203, ss.451-452
- LVIII. **Alcohol Sensing Properties of Sol-gel Derived TiO₂ Thin Film**

DUMLUDAĞ F., Bulut S., Altındal A.

7th International Conference of the Balkan-Physical-Union, Alexandroupoli, Yunanistan, 9 - 13 Eylül 2009, cilt.1203, ss.528-532

LIX. Characterization of Doped and Undoped CuO Nanoparticles

Gazioglu D. T., DUMLUDAĞ F., Altındal A.

7th International Conference of the Balkan-Physical-Union, Alexandroupoli, Yunanistan, 9 - 13 Eylül 2009, cilt.1203, ss.456-457

LX. Effects of the Metal Electrode on Dielectric Constant of MgO Nanoparticles

DUMLUDAĞ F., Bakay D., Altındal A.

7th International Conference of the Balkan-Physical-Union, Alexandroupoli, Yunanistan, 9 - 13 Eylül 2009, cilt.1203, ss.533-536

LXI. Response to Vapors of Volatile Organic Compounds of SnO(2) Thin Film

DUMLUDAĞ F., Hacıoglu O., Altındal A.

7th International Conference of the Balkan-Physical-Union, Alexandroupoli, Yunanistan, 9 - 13 Eylül 2009, cilt.1203, ss.537-541

LXII. Synthesis and effects of substrate temperature on ac and dc electrical properties of Cobalt Phthalocyanine (CoPc) thin films

Akı F. N., Dogan D., DUMLUDAĞ F., Altındal A., Bulut M., Bekaroglu O.

6th International Conference of the Balkan-Physical-Union, İstanbul, Türkiye, 22 - 26 Ağustos 2006, cilt.899, ss.229-230

LXIII. Structural, optical and electrical properties of sol-gel derived titanium dioxide thin film

Taskin D., DUMLUDAĞ F., Altındal A.

6th International Conference of the Balkan-Physical-Union, İstanbul, Türkiye, 22 - 26 Ağustos 2006, cilt.899, ss.285-286

LXIV. The effect of ambient conditions on the impedance spectra of newly synthesized organic semiconductor thin films

Aktas Y., Sen P., DUMLUDAĞ F., Altındal A., Oezer M., Bulut M., Bekaroglu O.

6th International Conference of the Balkan-Physical-Union, İstanbul, Türkiye, 22 - 26 Ağustos 2006, cilt.899, ss.233-234

LXV. Study of the sensitive properties of soluble dodecylsulfanyl phthalocyanines for organic vapors using impedance spectroscopy and QCR

JOSSE F., ZHOU R., Altındal A., DABAK S., BEKAROĞLU O.

Conference on Chemical Microsensors and Applications, Massachusetts, Amerika Birleşik Devletleri, 4 - 05 Kasım 1998, cilt.3539, ss.74-84

LXVI. Soluble dodecylsulfanylphthalocyanines as sensitive coatings for chemical sensors in gas phase

Altındal A., PATEL R., ZHOU R., JOSSE F., OZTURK Z., BEKAROĞLU O.

IEEE International Frequency Control Symposium, California, Amerika Birleşik Devletleri, 27 - 29 Mayıs 1998, ss.676-684

LXVII. INTERFACE PROPERTIES OF ANODIC SULFIDE AND SULFIDE-OXIDE FILMS ON N-INSB

OZTURK Z., ALTINDAL A., YUZER H.

NATO ADVANCED STUDY INST ON MULTICOMPONENT AND MULTILAYERED THIN FILMS FOR ADVANCED MICROTCHNOLOGIES, BAD WINDSHEIM, Almanya, 21 Eylül - 02 Ekim 1992, cilt.234, ss.557-560

Desteklenen Projeler

ORUÇ Ç., URFA Y., ALTINDAL A., Yükseköğretim Kurumları Destekli Proje, Gözenekli Silisyum Tabanlı Boya Duyarlı Güneş Pilleri, 2019 - 2022

ALTINDAL A., Şahin A. N., Yükseköğretim Kurumları Destekli Proje, Elektron İletim Tabakasının Perovskit Güneş Pillerinin Performansına Etkisi, 2019 - 2021

CAN N., ÖZDEMİR O., KESKİN B., ALTINDAL A., SÜNGÜ MISIRLIOĞLU B., Yükseköğretim Kurumları Destekli Proje,

Pestisitlerin (Pesticides) Algılanmasına Yönelik Biyosensörlerin Geliştirilmesi, 2016 - 2019

ALTINDAL A., AŞIKOĞLU BOZKURT A., Yükseköğretim Kurumları Destekli Proje, Organik Alan Etkili Transistörlerde Arayüzey Mühendisliği, 2016 - 2018

AŞIKOĞLU BOZKURT A., KESKİN B., ÖZDEMİR O., ALTINDAL A., Yükseköğretim Kurumları Destekli Proje, BTX gazlarını algılamaya yönelik sensörlerin geliştirilmesi, 2015 - 2017

ALTINDAL A., Yükseköğretim Kurumları Destekli Proje, Sulardaki Ağır Metal İyonlarının Algılanmasına Yönelik Biyosensörlerin Geliştirilmesi, 2014 - 2016

ALTINDAL A., Yükseköğretim Kurumları Destekli Proje, Hava Kirliliğine Neden Olan Gazların Algılanmasına Yönelik Sensörlerin Geliştirilmesi, 2014 - 2015

ALTINDAL A., Yükseköğretim Kurumları Destekli Proje, Metal-Yalıtkan-Yarıiletken (MY) Yapılarda Yük iletim Mekanizmalarının Belirlenmesi, 2012 - 2013

ALTINDAL A., TÜBİTAK Projesi, Organik Yarıiletken İnce Filmlerin Optik ve Gaz Algılama Özelliklerinin Belirlenerek Hava Kirliliğine Neden Olan Gazların Algılanması İçin Sensör Dizilerinin Geliştirilmesi, 2006 - 2008

ALTINDAL A., Diğer Uluslararası Fon Programları, Atıksu Koku Karakterizasyonu İçin Kimyasal Algılayıcılar (Elektronik Burun) Dizisi Geliştirilmesi, 2004 - 2006

ALTINDAL A., Diğer Uluslararası Fon Programları, Magnetik Yarı-İletken Filmlerin CBD Metoduyla Hazırlanması ve Karakterizasyonu, 2002 - 2005

ALTINDAL A., Diğer Uluslararası Fon Programları, Kimyasal Yöntemlerle Nano Boyutta Ba(Zn₁/3Nb₂/3)O₃ ve MNb₂O₆ (M=Zn,Co,Mg) Bazlı Mikrodalga Dielektrik Seramiklerin Üretimi ve Farklı Katkılarının Özelliklere Etkileri, 2000 - 2003

ALTINDAL A., Diğer Uluslararası Fon Programları, Fenantrolin Ve İmidazol Türevleri İçeren Ftalosiyanınların Sentezi, Karakterizasyonu Ve Bazı Fiziksel Özelliklerinin İncelenmesi, 2000 - 2000

Bilimsel Kuruluşlardaki Üyelikler / Görevler

YÖK, Danışma Kurulu Üyesi, 2018 - 2021, Türkiye

THE SCIENTIFIC AND TECHNOLOGICAL RESEARCH COUNCIL OF TURKEY, Danışma Kurulu Üyesi, 2014 - 2017, Türkiye

Metrikler

Yayın: 201

Atıf (WoS): 2367

Atıf (Scopus): 2305

H-İndeks (WoS): 28

H-İndeks (Scopus): 27

Akademi Dışı Deneyim

TÜBİTAK, TUBİTAK, TUBİTAK