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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), Türkiye 1992 - 1999

Yüksek Lisans, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI), Türkiye 1990 - 1992

Lisans, Marmara Üniversitesi, Atatürk Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, Türkiye 1984 - 1988

Yabancı Diller

İngilizce, B2 Orta Üstü

Araştırma Alanları

Temel Bilimler

Akademik Unvanlar / Görevler

Prof. Dr., Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Kimya Bölümü, 2019 - Devam Ediyor

Doç. Dr., Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Kimya Bölümü, 2013 - 2019

Yrd. Doç. Dr., Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Kimya Bölümü, 2011 - 2013

Araştırma Görevlisi, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Kimya Bölümü, 2001 - 2011

Araştırma Görevlisi, Marmara Üniversitesi, Atatürk Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 1995 - 2001

Araştırma Görevlisi, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, 1990 - 1995

Akademik İdari Deneyim

Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Kimya Bölümü, 2012 - 2015

Yönetilen Tezler

ODABAŞ Z., Synthesis and characterization of metal free and metal phthalocyanines bearing thymol moieties derived from antimicrobial and antifungal terpenoids, Yüksek Lisans, R.Atajanov(Öğrenci), 2020

ODABAŞ Z., Azo grubu ile halkaya bağlı 5,6,7,8-tetrahidronaftalenil türevi süstitüentleri içeren ftalosiyanın bileşiklerinin sentezi ve karakterizasyonu, Yüksek Lisans, İ.Baykal(Öğrenci), 2019

ODABAŞ Z., Synthesis and characterization of novel oxo-and azo bridged phthalocyanines bearing isomeric phenylphenoxy groups, Doktora, H.Elzien(Öğrenci), 2017

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SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **The effect of methoxy substituent on the spectral and electrochemical properties of novel manganese (III) phthalocyanines**
Seslikaya C., Ağcaabat R., Akdağ Ö., ODABAŞ Z., ÖZKAYA A. R.
Journal of Molecular Structure, cilt.1323, 2025 (SCI-Expanded)
- II. **Dimethoxyphenoxy alpha-substituted metal-free, and metal phthalocyanines: Electrochemical redox, in-situ spectroelectrochemical and electrochromic properties**
Balkaş B. N., Bilgen E., Akdağ Ö., ODABAŞ Z., ÖZKAYA A. R.
Synthetic Metals, cilt.310, 2025 (SCI-Expanded)
- III. **Comparative examination of both spectral properties and hybrid solar cell application of 2,4,6-trimethoxyphenoxy substituted phthalocyanine dyes**
Küçükgenç Ö., Ağcaabat R., DUMLUDAĞ F., ODABAŞ Z.
Polyhedron, cilt.262, 2024 (SCI-Expanded)
- IV. **Ball type (4-(tert-butyl)-1,2-phenylene)dimethanolate bridged dinuclear metallo phthalocyanines: Synthesis, characterization, electrochemistry, and in situ spectroelectrochemistry**
Şahin S., Akdağ Ö., ODABAŞ Z., ÖZKAYA A. R.
Polyhedron, cilt.258, 2024 (SCI-Expanded)
- V. **Novel methoxyphenylthio-substituted phthalocyanines: synthesis, characterization, proton-transfer, and acid-sensing properties**
Ağcaabat R., Seslikaya C., FINDIK V., ERDEM S., ODABAŞ Z.
New Journal of Chemistry, cilt.48, sa.4, ss.1623-1633, 2024 (SCI-Expanded)
- VI. **Systematically investigation on the spectral, antioxidant and antibacterial properties of fragrant methyl benzoate esters containing electron withdrawing and electron releasing groups**
Alemdar A., Tan B., Toksöz O., Kurtuluş G., Sesal C., ODABAŞ Z.
Journal of Molecular Structure, cilt.1291, 2023 (SCI-Expanded)
- VII. **Electrochemical and In-situ spectroelectrochemical properties of novel mononuclear 2,4-di-tert-butyl-6-(3,4-dicyanophenoxy)phenolate substituted metallophthalocyanine compounds**
Şahin S., Kaniz T., Baturhan Orman E., ODABAŞ Z., ÖZKAYA A. R.
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- VIII. **Electrochemical and In-situ exhibited spectroelectrochemical properties of novel 4,4'-(3,5-di-tert-butyl-1,2-phenylene)bis(oxy) substituted ball-type phthalocyanine compounds**
Şahin S., Kaniz T., ORMAN E. B., ODABAŞ Z., ÖZKAYA A. R.
Synthetic Metals, cilt.297, 2023 (SCI-Expanded)
- IX. **Synthesis, characterization, photophysical, and photochemical properties of novel phthalocyanines containing thymoxy groups as bioactive units**
Atajanov R., Khezami K., Durmuş M., ODABAŞ Z.
Transition Metal Chemistry, cilt.48, sa.2, ss.79-89, 2023 (SCI-Expanded)
- X. **Electrochemical and in-situ spectroelectrochemical properties of novel (5-(tert-butyl)-2-((3,4-dicyanophenoxy)methyl)phenyl)methanolate substituted mononuclear metal phthalocyanines**
Şahin S., Akdağ Ö., ORMAN E. B., ODABAŞ Z., ÖZKAYA A. R.

Journal of Molecular Structure, cilt.1276, 2023 (SCI-Expanded)

- XI. **Electrochemical, spectroelectrochemical, and electrocatalytic properties of novel soluble phthalocyanines containing peripheral thymoxy and chloride units**
Atajanov R., Huraibat B., ODABAŞ Z., ÖZKAYA A. R.
Inorganica Chimica Acta, cilt.547, 2023 (SCI-Expanded)
- XII. **Novel 2,6-dimethoxyphenoxy alpha substituted phthalocyaninato metal complexes: Electrochemistry, In situ spectroelectrochemistry and oxygen electrocatalysis**
ORMAN E. B., Yazar Z., PİŞKİN M., ODABAŞ Z., ÖZKAYA A. R.
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- XIII. **Synthesis and human monoamine oxidase inhibitory activity of novel C2-, C3-and C4-substituted phthalonitriles**
Ali H. E. A., Ozalp L., DANIŞ Ö., Odabas Z.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, cilt.74, 2022 (SCI-Expanded)
- XIV. **The effect of the position of the trimethoxy groups as distant substituents on the spectral and acid sensing properties of phthalocyanines**
Agcaabat R., Senturk C. B., ODABAŞ Z.
POLYHEDRON, cilt.222, 2022 (SCI-Expanded)
- XV. **Electrochemical, Spectroelectrochemical, and Electrocatalytic Dioxygen Reducing Properties of Peripheral Tetra-2,6-dimethoxyphenoxy Substituted Phthalocyanines**
ORMAN E. B., PİŞKİN M., ODABAŞ Z., ÖZKAYA A. R.
ELECTROANALYSIS, cilt.33, sa.11, ss.2310-2322, 2021 (SCI-Expanded)
- XVI. **Determination of photophysical, photochemical and spectroscopic properties of novel lead(II) phthalocyanines**
PİŞKİN M., ÖZTÜRK Ö. F., Odabas Z.
POLYHEDRON, cilt.182, 2020 (SCI-Expanded)
- XVII. **Toluene vapor sensing characteristics of novel copper(II), indium(III), mono-lutetium(III) and tin(IV) phthalocyanines substituted with 2,6-dimethoxyphenoxy bioactive moieties**
PİŞKİN M., CAN N., ODABAŞ Z., ALTINDAL A.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.22, ss.189-197, 2018 (SCI-Expanded)
- XVIII. **High Electrochemical Versatility and Applicability with Metal Phthalocyanines Carrying Peripheral 2,3-dihydro-1H-inden-5-yloxy Substituents: Rich Redox Behavior, Oxygen Electrocatalysis and Electrochromism**
Orman E. B., Odaba Z., Özkaya A. R.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, cilt.165, sa.9, 2018 (SCI-Expanded)
- XIX. **Do the positions of trimethyl groups on phthalocyanine photosensitizers improve their photochemical and photophysical properties?**
Cetinkaya M., PİŞKİN M., ALTUN S., ODABAŞ Z., DURMUŞ M.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, cilt.335, ss.17-25, 2017 (SCI-Expanded)
- XX. **First investigation on the photophysical and photochemical properties of azo-bridged phthalocyanine photosensitizers**
Sahin S., PİŞKİN M., ALTUN S., DURMUŞ M., ODABAŞ Z.
JOURNAL OF LUMINESCENCE, cilt.180, ss.219-223, 2016 (SCI-Expanded)
- XXI. **Synthesis, characterization, photophysical, and photochemical properties of novel zinc(II) and indium(III) phthalocyanines containing 2-phenylphenoxy units**
Ali H. E. A., Piskin M., ALTUN S., DURMUŞ M., ODABAŞ Z.
JOURNAL OF LUMINESCENCE, cilt.173, ss.113-119, 2016 (SCI-Expanded)
- XXII. **The novel mesityloxy substituted metallo-phthalocyanine dyes with long fluorescence lifetimes and high singlet oxygen quantum yields**
Gurel E., PİŞKİN M., ALTUN S., ODABAŞ Z., Durmus M.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, cilt.315, ss.42-51, 2016 (SCI-Expanded)
- XXIII. **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)

- XXIV. **The effects of substituent position on kinetics of benzene vapour adsorption onto 3-phenylphenoxy substituted metal-free and metallo-phthalocyanines thin films**
Ali H. E. A., CAN N., ALTUN S., ODABAŞ Z.
DALTON TRANSACTIONS, cilt.45, sa.42, ss.16922-16930, 2016 (SCI-Expanded)
- XXV. **Synthesis, characterization and investigation of the photophysical and photochemical properties of highly soluble novel metal-free, zinc(II), and indium(III) phthalocyanines substituted with 2,3,6-trimethylphenoxy moieties**
Gurel E., PIŞKİN M., ALTUN S., ODABAŞ Z., DURMUŞ M.
DALTON TRANSACTIONS, cilt.44, sa.13, ss.6202-6211, 2015 (SCI-Expanded)
- XXVI. **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)
- XXVII. **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, ss.4341-4354, 2015 (SCI-Expanded)
- XXVIII. **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)
- XXIX. **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, 2015 (SCI-Expanded)
- XXX. **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)
- XXXI. **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, cilt.95, sa.3, ss.540-552, 2012 (SCI-Expanded)
- XXXII. **Synthesis, characterization and electrochemical properties of novel beta 7-oxy-4-(4-methoxyphenyl)-8-methylcoumarin substituted metal-free, Zn(II) and Co(II) phthalocyanines**
Odabaş Z., Kara H., Özkaya A. R., Bulut M.
POLYHEDRON, cilt.39, ss.38-47, 2012 (SCI-Expanded)
- XXXIII. **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)
- XXXIV. **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-diy] bridges**
Odabaş Z., Koc I., Altindal A., Özkaya A. R., Salih B., Bekaroglu O.
SYNTHETIC METALS, cilt.160, ss.967-977, 2010 (SCI-Expanded)
- XXXV. **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., Altındal A., ÖZKAYA A. R., SALİH B., Bekaroglu O.

SENSORS AND ACTUATORS B-CHEMICAL, cilt.145, sa.1, ss.355-366, 2010 (SCI-Expanded)

XXXVI. **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, cilt.39, sa.35, ss.8143-8152, 2010 (SCI-Expanded)

XXXVII. **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., Altındal A., Salih B., Bulut M., Bekaroglu O.

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

XXXVIII. **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., Altındal A., Oezkaya A. R., Bulut M., Salih B., Bekaroglu O.

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

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

Odabas Z., Altındal A., Ozkaya A. R., Bulut M., Salih B., Bekaroglu O.

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

XL. **Synthesis of dinaphthofuranofuran and dinaphthopyranopyran derivatives**

Odabas Z., Talinli N.

HETEROCYCLIC COMMUNICATIONS, cilt.6, sa.5, ss.437-442, 2000 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Synthesis, spectroscopy, and photophysical properties of newly magnesium (II) phthalocyanine**
PİŞKİN M., ÖZTÜRK Ö. F., ODABAŞ Z.
MANAS Journal of Engineering, cilt.9, ss.58-64, 2021 (Hakemli Dergi)
- II. **Newly Soluble and Non-Aggregated Copper(II) and Tin(II) Phthalocyanines: Synthesis, Characterization and Investigation of Photophysical and Photochemical-Responsive**
PİŞKİN M., ÖZTÜRK Ö. F., ODABAŞ Z.
Karaelmas Fen ve Mühendislik Dergisi, cilt.7, sa.2, ss.627-637, 2017 (Hakemli Dergi)
- III. **Synthesis Characterization and Spectroscopic Properties of Novel Mono Lutetium III Phthalocyanines**
PİŞKİN M., ODABAŞ Z.
Karaelmas Fen ve Mühendislik Dergisi, cilt.6, sa.2, ss.307-314, 2016 (Hakemli Dergi)
- IV. **Gas sensing Properties of bis-Phthalocyanine Thin Film**
Dumludağ F., Kılıç P., Odabaş Z., Altındal A., Bekaroğlu Ö.
American Institute of Physics, cilt.1203, ss.542-546, 2010 (Hakemli Dergi)

Kitap & Kitap Bölümleri

- I. **Organik Kimya Video Çözümlü Soru Bankası Web Tabanlı e kitap**
ODABAŞ Z., ÇÖMEK A., ALTUN S.
Boğaziçi Yayınları, İstanbul, 2016
- II. **Organik Kimya Video Çözümlü Soru Bankası**
ODABAŞ Z., ALTUN S., ÇÖMEK A.
Boğaziçi Yayınları, İstanbul, 2016

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Tiyobis-naftol Sübstitüe Metalli Ftalosiyanın Bileşiklerinin Elektrokimyasal, Spektroelektrokimyasal ve Elektrokatalitik Özellikleri**
Cengiz E. Ş., Akdağ Ö., Zayin Ö., Orman E. B., Odabaş Z., Özkaya A. R.
9Th International Conference On Materials Science And Nanotechnology For Next Generation, Ankara, Türkiye, 22 - 24 Eylül 2022, ss.164-165
- II. **Tiyobis Naftelen Köprülü Top Tipi Metalli Ftalosiyanın Bileşiklerinin Elektrokimyasal, Spektroelektrokimyasal ve Elektrokatalitik Özellikleri**
Cengiz E. Ş., Akdağ Ö., Zayin Ö., Orman E. B., Odabaş Z., Özkaya A. R.
9Th International Conference On Materials Science And Nanotechnology For Next Generation, Ankara, Türkiye, 24 - 26 Ekim 2022, ss.161
- III. **Electrochemical and electrocatalytic oxygen reducing properties of metal phthalocyanines involving tertiary butyl and Oxo Bridging Groups**
Kaniz T., Orman E. B., Şahin S., Odabaş Z., Özkaya A. R.
13th International Congress on Electrochemistry, Barcelona, İspanya, 27 - 29 Mayıs 2019, ss.25
- IV. **Electrochemical, Spectroelectrochemical, Electrocolorimetrik, and Electrocatalytic Properties of New Metal Phthalocyanine Compounds**
Huraibat B., Atajanov R., Orman E. B., Odabaş Z., Özkaya A. R.
1st International Balkan Chemistry Congress, Edirne, Türkiye, 17 - 21 Eylül 2018, ss.264
- V. **COMPARATIVE ELECTROCHEMISTRY OF NON-PERIPHERAL AND PERIPHERAL TETRA-2,3-DIHYDRO-1H-INDEN-5-YLOXY SUBSTITUTED PHTHALOCYANINES**
Orman E. B., Odabaş Z., Özkaya A. R.
1st International Balkan Chemistry Congress, Edirne, Türkiye, 17 - 19 Eylül 2018, ss.249
- VI. **VOLTAMMETRIC AND SPECTROELECTROCHEMICAL BEHAVIOR OF NOVEL OCTA SUBSTITUTED METALLOPHTHALOCYANINES**
Orman E. B., Huraibat B., Atajanov R., Odabaş Z., Özkaya A. R.
12th International Symposium on Pharmaceutical Sciences, Ankara, Türkiye, 26 - 29 Haziran 2018, ss.237
- VII. **4-HİDROKSİ-3,5-DİMETOKSİFENİL VE 3,4,5-TRİMETOKSİFENİL GRUPLARI İÇEREN 3-DİAZOFTALONİTRİL BİLEŞİKLERİNİN SENTEZİ VE KARAKTERİZASYONU**
Şahin S., ODABAŞ Z.
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- VIII. **Electrochemical, Spectroelectrochemical, Electrocolorimetric, and Electrocatalytic Properties of Metal Phthalocyanine Compounds**
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- IX. **3 4 5 TRİMETOKSİFENOKSİ GRUPLARI İÇEREN ALFA VE BETA SÜBSTİTÜEÇİNKO VE METALSİZ FTALOSİYANİN BİLEŞİKLERİNİN SENTEZİ VEKARAKTERİZASYONU**
Bilen C., ODABAŞ Z., ÇETİN A.
28. Ulusal Kimya Kongresi, Mersin, Türkiye, 15 - 21 Ağustos 2016
- X. **5 6 7 8 TETRAHİDRO 2 NAFTOKSİ GRUPLARI İÇEREN ALFA VE BETASÜBSTİTÜE METALLİ VE METALSİZ FTALOSİYANİN BİLEŞİKLERİNİNSENTEZİ VE KARAKTERİZASYONLARI**
Eren G., ODABAŞ Z., ALTUN S.
III. Ulusal Organik Kimya Kongresi, Trabzon, Türkiye, 5 - 08 Eylül 2016
- XI. **Inhibition of Human Monoamine Oxidase by C3 and C4 Substitued Phthalonitriles**
Danış Ö., Ali H., Yüce Dursun B., Altun S., Odabas Z.
28.Ulusal Kimya Kongresi, Çanakkale, Türkiye, 18 - 21 Ağustos 2016
- XII. **Metallophthalocyanine C Nafion Composites for Electrocatalysis of Oxygen Reduction**
Yazar Z., Pişkin M., Odabaş Z., Özkaya A. R.
229th ECS Meeting, California, Amerika Birleşik Devletleri, 29 Haziran - 03 Temmuz 2016, ss.20
- XIII. **Redox Properties and Electrocatalytic Oxygen Reducing Performances of Various Novel Metal**

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XIV. 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.542-546

XV. Gas Sensing Properties of bis-Phthalocanine Thin Film

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Desteklenen Projeler

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Özkaya A. R., Odabaş Z., Orman E. B., TÜBİTAK Projesi, Değişik Köprü Uzunluğuna Sahip Yeni Top Tipi Dinükleer Metal Ftalosiyanın Komplekslerinin Sentezi ve Elektrokimyasal Pil Sistemleri İçin Katalitik Özelliklerinin İncelenmesi, 2018 - 2020

Odabaş Z., Yükseköğretim Kurumları Destekli Proje, Antimikrobiyal ve antifungal özellikli terpenoidlerden olan timol ve türevi bileşiklerden, metalli ve metallsiz ftalosiyanınların sentezi ve karakterizasyonu, 2018 - 2020

Özkaya A. R., Özer M., Odabaş Z., Orman E. B., Yükseköğretim Kurumları Destekli Proje, Çinko-Hava Pilleri İçin Modifiye Elektrot Geliştirilmesi ve Pil Performanslarının İncelenmesi, 2015 - 2018

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