

Prof. Duygu EKİNCİ

Personal Information

Office Phone: [+90 442 231 4387](tel:+904422314387)

Web: <https://avesis.atauni.edu.tr/dekin>

Address: 25240

International Researcher IDs

ScholarID: rPnXY9oAAAAJ

ORCID: 0000-0001-7833-0032

Yoksis Researcher ID: 41208

Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı, Turkey 2015 - 2024

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Kimya/Analitik Kimya, Turkey 1999 - 2004

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Kimya/Analitik Kimya, Turkey 1996 - 1999

Undergraduate, Ataturk University, Fen-Edebiyat Fakültesi, Kimya, Turkey 1992 - 1996

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Altın Katalize Aril/Heteroaril Halkalı Karbazollerin Sentezi ve Optiksel Özelliklerinin İncelenmesi, Ataturk University, Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı, 2024

Doctorate, 2-Aminotiyofen Türevlerinin Elektrokimyasal ve Elektronik Özelliklerinin İncelenmesi, Atatürk Üniversitesi, Fen Fakültesi, Kimya/Analitik Kima, 2004

Postgraduate, Fotoaktif Poli(2-amino-3-siyano-4-fenil tiyofen)'in Elektrokimyasal İle Sentezi ve Elektrokimyasal Özelliklerinin İncelenmesi, Atatürk Üniversitesi, Fen Fakültesi, Kimya/Analitik Kimya, 1999

Research Areas

Direct Energy Conversion and Energy Storage, Renewable energy, Chemistry, Analytical Chemistry, Electromagnetic Methods, Surface Chemistry, Electrical energy storage technologies

Academic Titles / Tasks

Professor, Ataturk University, Fen Fakültesi, Kimya, 2017 - Continues

Associate Professor, Ataturk University, Fen Fakültesi, Kimya, 2012 - 2017

Assistant Professor, Ataturk University, Fen Fakültesi, Kimya, 2005 - 2012

Research Assistant, Ataturk University, Fen Fakültesi, Kimya, 1997 - 2005

Academic and Administrative Experience

Dean, Duzce University, Fen Edebiyat Fakültesi, 2023 - Continues

Head of Department, Ataturk University, Fen Fakültesi, Kimya, 2023 - 2023

Vice Dean, Ataturk University, Fen Fakültesi, 2021 - 2023

Atatürk Üniversitesi, Fen Fakültesi, 2017 - 2018

Courses

Spektroskopik Yöntemler II, Doctorate, 2023 - 2024

Elektrokimyasal Kinetik, Postgraduate, 2023 - 2024

Kimyada Ayırma Teknikleri, Undergraduate, 2022 - 2023

INSTRUMENTAL ANALYSIS LAB, Undergraduate, 2021 - 2022

ANALYTICAL CHEMISTRY I, Undergraduate, 2021 - 2022

Temel Kimya, Undergraduate, 2022 - 2023

Electroorganic Chemistry, Postgraduate, 2021 - 2022

ANALİTİK KİMYA LAB II, Undergraduate, 2020 - 2021, 2019 - 2020

Analytical Chemistry I, Undergraduate, 2021 - 2022

ELEKTROANALİTİK KİMYA TEKNİKLERİ, Postgraduate, 2020 - 2021

ANALİTİK KİMYA II, Undergraduate, 2020 - 2021

ELEKTROORGANİK KİMYA, Postgraduate, 2020 - 2021

PROJE II, Undergraduate, 2020 - 2021, 2019 - 2020

PROJE I, Undergraduate, 2019 - 2020

ELEKTROANALİTİK KİMYA TEKNİKLERİ, Doctorate, 2019 - 2020

PROJE II, Undergraduate, 2020 - 2021

ELEKTROANALİTİK KİMYA, Undergraduate, 2019 - 2020

ANALİTİK KİMYA LAB I, Undergraduate, 2020 - 2021, 2019 - 2020

INSTRUMENTAL ANALİZ, Undergraduate, 2019 - 2020

GENEL KİMYA 2, Undergraduate, 2018 - 2019

Advising Theses

Ekinci D., ESNEK VE GERİLEBİLİR SÜPERKAPASİTÖRLER İÇİN SPİNEL TİP İKİLİ GEÇİŞ METAL OKSİT TABANLI ÇOKLU KOMPONENT ELEKTROT MATERYALLERİNİN SENTEZİ, Doctorate, F.MERVE(Student), 2024

Ekinci D., Karbon-Silisyum ve Karbon-Azot Hibrit Yapılarının Sentezi ve Süperkapasitör Uygulamaları, Doctorate, E.CEYRAN(Student), 2024

Ekinci D., MANGAN OKSİT /İNDİRGENMİŞ GRAFEN OKSİT (MnO₂/RGO) KOMPOZİT AKTİF ELEKTROT MATERYALLERİN KAPASİTİF PERFORMANSINA MANGAN OKSİT NANOPARTİKÜLLERİN YÜZEY FONKSİYONALİZASYONUNUN ETKİSİ, Postgraduate, H.BAKHSH(Student), 2023

Ekinci D., Diazonyum metodu ile modifiye edilmiş gc elektrot üzerinde metal nanopartiküllerin sentezi ve elektrokatalitik aktiviteleri, Doctorate, Ö.FARUK(Student), 2022

Ekinci D., Altın Nanopartikül/Karbon Nanokompozit Yapıların Sentezi ve Kapasitans Özelliklerinin Araştırılması, Doctorate, N.Bahar(Student), 2020

EKİNCİ D., Karbon Nanoyapılarının Elektrokimyasal Sentezi ve Kapasitans Davranışlarının İncelenmesi, Doctorate, Z.KUDAŞ(Student), 2018

EKİNCİ D., Altın Nanopartikül ve Altın Nanopartikül/İndirgenmiş Grafen Oksit Kompozit Yapılarının İlaç Salım Sistemi Olarak Kanser Tedavisinde Kullanımı, Doctorate, A.JAFARIZAD(Student), 2016

EKİNCİ D., Kovalent Modifiye Filmler Üzerine Titanyum Oksitin Depozisyonu, Postgraduate, M.ALİ(Student), 2014

EKİNCİ D., Piridin Tipi Organometalik Kompleksler İle Karbon ve Silisyum Yüzeylerinin Kovalent Modifikasyonu, Doctorate, A.YEŞİLDAĞ(Student), 2013

EKİNCİ D., Nitro-süstitüye Tiyol Tek Tabakalarında Metal Katyonlarının İndirgenme Davranışının İncelenmesi,

Postgraduate, A.KARA(Student), 2010

EKİNCİ D., Amid Grupları İçeren Aromatik ve Heteroaromatik Sonlu Alkanetiollerin Kendi Kendine Biriken Tek Tabakalarının Oluşumu ve Karakterizasyonu, Postgraduate, Z.KUDAŞ(Student), 2010

EKİNCİ D., Piridin ve Kinolin Diazonyum Tuzları İle Katı Yüzeylerin Kovalent Modifikasyonu, Postgraduate, A.YEŞİLDAĞ(Student), 2008

EKİNCİ D., 2-Amino-3-siyano-4-naftiltiyofen'in π ve β İzomerlerinin Kararlı Dimerlerinin Elektrokimyasal ve Elektronik Özelliklerinin İncelenmesi, Postgraduate, F.PAK(Student), 2005

Jury Memberships

Doctorate, Doctorate, Atatürk Üniversitesi, December, 2023

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Düzce Üniversitesi, July, 2023

Post Graduate, Post Graduate, Atatürk Üniversitesi, February, 2023

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Bilecik Şeyh Edebali Üniversitesi, January, 2023

Doctorate, Doctorate, Atatürk Üniversitesi, January, 2023

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Atatürk Üniversitesi, January, 2023

Doctorate, Doctorate, Atatürk Üniversitesi, September, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Sakarya Üniversitesi, January, 2022

Doctoral Examination, Doctoral Examination, Atatürk Üniversitesi, April, 2021

Associate Professor Exam, Associate Professor Exam, Ataturk University, January, 2021

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Atatürk Üniversitesi, January, 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Photocatalytic degradation of linezolid antibiotic from aqueous solution by magnetically separable nanoheterostructure Fe₃O₄/ MgAl₂O₄/BiOBr_{0.5}Cl_{0.5} synthesized Composite catalyst**
Yaghinirad E., Alizadeh R., Ebadi A., EKİNCİ D.
Journal of Molecular Liquids, vol.403, 2024 (SCI-Expanded)
- II. **Dual Capacitive Behavior of Hollow Porous Gold Nanoparticle/Multi-Walled Carbon Nanotube Composite Films as Anode and Cathode Electrode Materials for Supercapacitors**
Bahar N., EKİNCİ D.
Journal of Electronic Materials, vol.53, no.3, pp.1476-1486, 2024 (SCI-Expanded)
- III. **Electrochemical performance of diazonium-generated carbon films for electrochemical double-layer capacitors (EDLCs)**
Taş Ö., Kudaş Z., EKİNCİ D.
Diamond and Related Materials, vol.138, 2023 (SCI-Expanded)
- IV. **Light Sensitive Properties and Temperature-Dependent Electrical Performance of n-TiO₂/p-Si Anisotype Heterojunction Electrochemically Formed TiO₂ on p-Si**
Koca M., Yilmaz M., Ekinci D., Aydoğan S.
JOURNAL OF ELECTRONIC MATERIALS, vol.50, no.9, pp.5184-5195, 2021 (SCI-Expanded)
- V. **Production of novel carbon nanostructures by electrochemical reduction of polychlorinated organic rings under mild conditions for supercapacitors**
Kudas Z., Çepni E., Gür E., Ekinci D.
NEW JOURNAL OF CHEMISTRY, vol.45, no.32, pp.14765-14778, 2021 (SCI-Expanded)
- VI. **Role of Reduced Graphene Oxide-Gold Nanoparticle Composites on Au/Au-RGO/p-Si/Al Structure**

Depending on Sample Temperature

SAĞLAM M., GÜZELDİR B., TÜRÜT A., EKİNCİ D.

JOURNAL OF ELECTRONIC MATERIALS, vol.50, pp.4752-4761, 2021 (SCI-Expanded)

- VII. **Performance improvement of n-TiO₂/p-Si heterojunction by forming of n-TiO₂/polyphenylene/p-Si anisotype sandwich heterojunction**
Koca M., Kudas Z., Ekinci D., Aydoğan S.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.121, 2021 (SCI-Expanded)
- VIII. **Electrocatalytic Reduction of Oxygen at Glassy Carbon Electrodes Coated with Diazonium-derived Porphyrin/Metalloporphyrin Films**
Kudas Z., Atmaca U., Saruhan T., Çelik M., Ekinci D.
Electroanalysis, vol.32, no.6, pp.1379-1390, 2020 (SCI-Expanded)
- IX. **Hollow porous gold nanoparticle/reduced graphene oxide composite films for electrochemical supercapacitor applications**
Bahar N., EKİNCİ D.
Electrochimica Acta, vol.337, 2020 (SCI-Expanded)
- X. **Barrier Height Modification of n-InP Using a Silver Nanoparticles Loaded Graphene Oxide as an Interlayer in a Wide Temperature Range**
Baltakesmez A., TAŞER A., KUDAŞ Z., GÜZELDİR B., EKİNCİ D., SAĞLAM M.
JOURNAL OF ELECTRONIC MATERIALS, vol.48, no.5, pp.3169-3182, 2019 (SCI-Expanded)
- XI. **Synthesis and characterization of gold nanoparticles using Hypericum perforatum and Nettle aqueous extracts: A comparison with turkevich method**
JAFARIZAD A., SAFAEE K., VAHID B., KHATAEE A., EKİNCİ D.
Environmental Progress and Sustainable Energy, vol.38, no.2, pp.508-517, 2019 (SCI-Expanded)
- XII. **Synthesis of gold nanoparticles on diazonium-generated heteroaryl films and their electrocatalytic activities**
ÜNAL Ö. F., Yeşildağ A., EKİNCİ D.
Electrochimica Acta, vol.290, pp.474-486, 2018 (SCI-Expanded)
- XIII. **Synthesis of Graphene-like Films by Electrochemical Reduction of Polyhalogenated Aromatic Compounds and their Electrochemical Capacitor Applications**
KUDAS Z., GÜR E., EKİNCİ D.
Langmuir, vol.34, no.27, pp.7958-7970, 2018 (SCI-Expanded)
- XIV. **Evidence for involvement of cationic intermediate in epoxidation of chiral allylic alcohols and unfunctionalised alkenes catalysed by MnIII(quinazolinone) complexes**
Çakıcı M., Kılıç H., Ulukanlı S., Ekinci D.
Tetrahedron, vol.74, no.1, pp.49-57, 2018 (SCI-Expanded)
- XV. **Green Synthesis of Gold Nanoparticles Using Aqueous Extracts of Ziziphus jujuba and Gum arabic**
JAFARIZAD A., SAFAEE K., EKİNCİ D.
Journal of Cluster Science, vol.28, no.5, pp.2765-2777, 2017 (SCI-Expanded)
- XVI. **Gold Nanoparticles and Reduced Graphene Oxide-Gold Nanoparticle Composite Materials as Covalent Drug Delivery Systems for Breast Cancer Treatment**
JAFARIZAD A., AGHANEJAD A., SEVİM M., Metin O., BARAR J., OMIDI Y., EKİNCİ D.
CHEMISTRYSELECT, vol.2, no.23, pp.6663-6672, 2017 (SCI-Expanded)
- XVII. **Produce of graphene/iron pyrite (FeS₂) thin films counter electrode for dye-sensitized solar cell**
Kilic B., Turkdogan S., Ozer O. C., Asgin M., Bayrakli O., Surucu G., ASTAM A., EKİNCİ D.
MATERIALS LETTERS, vol.185, pp.584-587, 2016 (SCI-Expanded)
- XVIII. **The performance of the anthraquinone/p-Si and the pyridine/p-Si rectifying device under X-ray irradiation**
Şahin Y., Aydoğan Ş., Ekinci D., Türüt A.
MATERIALS CHEMISTRY AND PHYSICS, vol.183, pp.516-523, 2016 (SCI-Expanded)
- XIX. **Growth of InSe:Mn semiconductor crystals by Bridgman-Stockbarger technique and analysis of electron irradiation effects on Sn/InSe:Mn Schottky diodes**

- DEMİR K. C., TEKLE T., GÜRBULAK B., AYDOĞAN Ş., Coskun C., EKİNCİ D.
RADIATION EFFECTS AND DEFECTS IN SOLIDS, vol.171, pp.528-543, 2016 (SCI-Expanded)
- XX. **Optical absorption of the anthracene and temperature-dependent capacitance-voltage characteristics of the Au/anthracene/n-Si heterojunction in metal-organic-semiconductor configuration**
KACUS H., AYDOĞAN Ş., EKİNCİ D., KURUDIREK S. V., TÜRÜT A.
PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES, vol.74, pp.505-509, 2015 (SCI-Expanded)
- XXI. **Temperature-dependent current-voltage measurements of Au/C₉H₇N/p-Si: Characterization of a metal-organic-semiconductor device**
CALDIRAN Z., AYDOĞAN Ş., Yesildag A., EKİNCİ D., KURUDIREK S. V., TÜRÜT A.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.34, pp.58-64, 2015 (SCI-Expanded)
- XXII. **I-V-T (current-voltage-temperature) characteristics of the Au/Anthraquinone/p-Si/Al junction device**
CALDIRAN Z., DENİZ A. R., COSKUN F. M., AYDOĞAN Ş., YESILDAG A., EKİNCİ D.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.584, pp.652-657, 2014 (SCI-Expanded)
- XXIII. **The analysis of the current-voltage characteristics of the high barrier Au/Anthracene/n-Si MIS devices at low temperatures**
KACUS H., DENİZ A. R., CALDIRAN Z., AYDOĞAN Ş., YESILDAG A., EKİNCİ D.
MATERIALS CHEMISTRY AND PHYSICS, vol.143, no.2, pp.545-551, 2014 (SCI-Expanded)
- XXIV. **Synthesis and characterization of solution processable 6,11-dialkynyl substituted indeno[1,2-b]anthracenes**
Yücel B., Meral K., EKİNCİ D., UZUNOĞLU G. Y., Tuzun N. S., ÖZBEY S., Kazak C., Ozdemir Y., Sanli B., Kayik G., et al.
DYES AND PIGMENTS, vol.100, pp.104-117, 2014 (SCI-Expanded)
- XXV. **Atomic scale imaging and spectroscopic characterization of electrochemically reduced graphene oxide**
DOĞAN H., EKİNCİ D., Demir U.
Surface Science, vol.611, pp.54-59, 2013 (SCI-Expanded)
- XXVI. **The barrier height enhancement of the Au/n-Si/Al Schottky barrier diode by electrochemically formed an organic Anthracene layer on n-Si**
CALDIRAN Z., DENİZ A. R., AYDOĞAN Ş., YESILDAG A., EKİNCİ D.
SUPERLATTICES AND MICROSTRUCTURES, vol.56, pp.45-54, 2013 (SCI-Expanded)
- XXVII. **Electrochemical synthesis and characterization of poly(9-benzylfluorene)**
TURHAN F., PAK F., YESILDAG A., KUDAS Z., EKİNCİ D.
POLYMER BULLETIN, vol.68, no.6, pp.1677-1687, 2012 (SCI-Expanded)
- XXVIII. **Voltammetric behavior of carvedilol in non-aqueous media and its analytical determination in pharmaceutical preparations**
YILMAZ B., EKİNCİ D.
REVIEWS IN ANALYTICAL CHEMISTRY, vol.30, pp.187-193, 2011 (SCI-Expanded)
- XXIX. **Self-assembled monolayers of fluorene- and nitrofluorene-terminated thiols on polycrystalline gold electrode: Electrochemical and optical properties**
PAK F., Meral K., Altundas R., EKİNCİ D.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.654, pp.20-28, 2011 (SCI-Expanded)
- XXX. **Covalent attachment of pyridine-type molecules to glassy carbon surfaces by electrochemical reduction of in situ generated diazonium salts. Formation of ruthenium complexes on ligand-modified surfaces**
YESILDAG A., EKİNCİ D.
ELECTROCHIMICA ACTA, vol.55, no.23, pp.7000-7009, 2010 (SCI-Expanded)
- XXXI. **Electrochemical Determination of Tramadol in Ampoule Dosage Forms by Cyclic Voltammetry**
KUCUK A., KADIOĞLU Y., EKİNCİ D.
ASIAN JOURNAL OF CHEMISTRY, vol.22, no.1, pp.159-167, 2010 (SCI-Expanded)
- XXXII. **A mechanistic and characteristic investigation of electrooxidation of 2-amino-3-cyano-4-methylthiophene**

- PAK F., Ekinci D., TUMER F., DEMIR U.
MACROMOLECULAR CHEMISTRY AND PHYSICS, vol.208, no.21, pp.2367-2374, 2007 (SCI-Expanded)
- XXXIII. **Synthesis, characterization and properties of some divalent metal(II) complexes: Their electrochemical, catalytic, thermal and antimicrobial activity studies**
TUMER M., Ekinci D., TUMER F., BULUT A.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.67, pp.916-929, 2007 (SCI-Expanded)
- XXXIV. **Synthesis and characterization of electropolymerized poly(2-amino-3-cyano-4-beta-naphthylthiophene)**
Ekinci D., TUMER F., DEMIR U.
MACROMOLECULES, vol.37, no.19, pp.7168-7173, 2004 (SCI-Expanded)
- XXXV. **Mechanistic study of the oxidation of 2-amino-3-cyano-4-naphthylthiophene by cyclic voltammetry and UV-Vis-NIR absorption spectroscopy**
Ekinci D., TUMER F., DEMIR U.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.562, no.2, pp.167-172, 2004 (SCI-Expanded)
- XXXVI. **An efficient synthesis of substituted 4-aryl-3-cyano-2-amino thiophenes by a stepwise Gewald reaction**
TUMER F., Ekinci D., ZILBEYAZ K., DEMIR U.
TURKISH JOURNAL OF CHEMISTRY, vol.28, no.4, pp.395-403, 2004 (SCI-Expanded)
- XXXVII. **2-amino-4-methylthiophene-3-carbonitrile**
CORUH U., USTABAS R., TUMER F., GARCIA-GRANDA S., DEMIR U., Ekinci D., YAVUZ M.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.59, 2003 (SCI-Expanded)
- XXXVIII. **Electrochemical synthesis and characterization of 2-amino-3-cyano-4-phenylthiophene dimer and oligomers**
Ekinci D., TUMER F., DEMIR U.
EUROPEAN POLYMER JOURNAL, vol.38, no.9, pp.1837-1843, 2002 (SCI-Expanded)
- XXXIX. **The electrochemical oxidation of 2-amino-3-cyano-4-phenylthiophene: evidence for a new class of photoluminescent material**
Ekinci D., HORASAN N., ALTUNDAS R., DEMIR U.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.484, no.2, pp.101-106, 2000 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of Functionalization of Metal Oxide Surfaces on Capacitive Performance of MnO₂/Reduced Graphene Oxide Composite Electrode Materials**
Nazari H. B., Kudas Z., EKİNCİ D.
7th International Conference on Multifunctional, Hybrid and Nanomaterials, Italy, 19 October 2022
- II. **Effect of Functionalization of Metal Oxide Surfaces on Capacitive Performance of MnO₂/Reduced Graphene Oxide Composite Electrode Materials**
Nazari H. B., KUDAŞ Z., EKİNCİ D.
16th Nanoscience and Nanotechnology Conference, Turkey, 05 September 2022
- III. **Production of Novel Carbon Nanostructures by Electrochemical Reduction of Polychlorinated Organic Rings under Mild Conditions for Supercapacitors**
Ekinci D., Kudaş Z., Çepni E., Gür E.
W-CAN WORLD CONGRESS ON APPLIED NANOTECHNOLOGY, Erzurum, Turkey, 24 - 26 November 2021, pp.127
- IV. **Activation of biogenic carbon and doping for electric applications: Raman spectroscopy and cyclic voltammetry**
Dorner-Reisel A., Ekinci D., Kudaş Z., Ceyran E., Svoboda S., Schäfer H.
31st International Conference on Diamond and Carbon Materials, 6 - 09 September 2021, pp.1-2
- V. **Synthesis of MnO₂ Nanorods/Rgo Composites and Their Application in Hydrazine Detection**

Parlar Ş. G., Ekinci D.

15th NANOSCIENCE AND NANOTECHNOLOGY CONFERENCE, Antalya, Turkey, 3 - 06 November 2019

- VI. **International Conference on Diamond and Carbon Materials 2019, 8-12 September 2019, Seville, Spain**
Kudaş Z., GÜR E., EKİNCİ D.
30th International Conference on Diamond and Carbon Materials 8-12 September 2019 Melia Lebreros, Seville, Spain, 8 - 12 September 2019
- VII. **THE EFFECT OF GO AND AU-RGO INTERFACIAL LAYERS ON AU/p-Si RECTIFYING CONTACT PARAMETERS AT ROOM TEMPERATURE**
TAŞER A., SAĞLAM M., GÜZELDİR B., EKİNCİ D.
MAS INTERNATIONAL CONFERENCE ON MATHEMATICS-ENGINEERING-NATURAL&MEDICAL SCIENCES-V, Erzurum, Turkey, 2 - 05 May 2019, pp.311-0
- VIII. **Electrochemical Synthesis of Carbon Nanostructures**
Kudaş Z., EKİNCİ D.
5th International Conference on Multifunctional, Hybrid and Nanomaterials, Lisbon, Portugal, 6 - 10 March 2017
- IX. **The Effect of Series Resistance on Au Anthracene N Si Al Heterojunction at Low Temperatures**
KAÇUŞ H., ÇALDIRAN Z., AYDOĞAN Ş., DENİZ A. R., EKİNCİ D.
IPCAP 2016, 25 - 27 February 2016
- X. **Au Anthracene N Si Al Heterojunction of the Barrier Height Determining with Different Methods**
KAÇUŞ H., ÇALDIRAN Z., AYDOĞAN Ş., DENİZ A. R., EKİNCİ D.
IPCAP 2016, 25 - 27 February 2016
- XI. **SYNTHESIS OF GOLD NANOPARTICLES ON GC ELECTRODE SURFACE MODIFIED WITH DIAZONIUM METHOD**
Ünal Ö. F., Kudaş Z., EKİNCİ D.
28. Ulusal Kimya Kongresi, Turkey, 15 - 21 August 2016
- XII. **Kanser Tedavisi İçin İlaç Salım Sistemi Olarak Altın Nanopartikül İndirgenmiş GrafenOksit Kompozit Yapıları**
Jafarizad A., Aghanejad A., SEVİM M., METİN Ö., Barar J., Omid Y., EKİNCİ D.
4. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Turkey, 17 - 20 March 2016
- XIII. **Schottky Contact Applications of the Quinoline Organic Material**
YEŞİLDAĞ A., ÇALDIRAN Z., EKİNCİ D., DENİZ A. R., AYDOĞAN Ş.
International Semiconductor Science and Technology Conference 2015., 11 - 13 May 2015
- XIV. **The Effect of Organic Interface Material on Capacity Voltage C V Measurements of the Metal Organic Semiconductor Contacts**
ÇALDIRAN Z., DENİZ A. R., YEŞİLDAĞ A., EKİNCİ D., AYDOĞAN Ş.
International Semiconductor Science and Technology Conference 2015., 11 - 13 May 2015
- XV. **Biosynthesis of gold nanoparticles using ziziphus jujube fruit and gum Arabic extract as reducing and stabilizing agents**
JAFARIZAD A., Safae K., Taghizadeh ghaleh jough A., SEVİM M., EKİNCİ D.
11th Nanoscience and Nanotechnology Conference (NanoTR-11), Ankara, Turkey, 22 - 25 June 2015
- XVI. **Green synthesis of gold nanoparticles using mentha extract and evaluation of pH on the size of them**
Jafarizad A., Mohammadlou M., EKİNCİ D., Yodollah O.
The 3rd National Conference of Nanotechnology from Theory to Application, Isfahan, Iran, 14 - 19 June 2015
- XVII. **Floren Sonlu TiyoL Ligandları İle Stabilize Edilmiş AgxCu₁₀₀ x Metalik Nanopartiküllerinin Sentezi ve Karakterizasyonu**
PASİN T., SEVİM M., METİN Ö., MERAL K., EKİNCİ D.
6. Ulusal Kimya Öğrenci Kongresi, İzmir, Turkey, 17 - 19 May 2015
- XVIII. **Mitoxantrone conjugated gold nanoparticles with low effects on stem cells for cancer cell therapy**
Jafarizad A., Beygi Y., Omid Y., EKİNCİ D.
3rd Anticancer Agent, İzmir, Turkey, 18 - 19 March 2015

- XIX. **Mitoxantron Sonlu Nano Altın Parçacıkların Sentezi**
Jafarizad A., SEVİM M., METİN Ö., Omidi Y., EKİNCİ D.
3.İlaç Kimyası Kongresi, Turkey, 20 - 22 March 2015
- XX. **Synthesis gold nanoparticle conjugated with mitoxantroe for breast cancer drug**
Jafarizad A., SEVİM M., METİN Ö., Yadollah O., EKİNCİ D.
3. İlaç Kimyası Kongresi, Antalya, Turkey, 20 - 22 March 2015
- XXI. **The Electrical Characterization of Au/Aminopyridine/p-Si/Al Rectifying Contact With Organic Interface**
ÇALDIRAN Z., COŞKUN F. M., DENİZ A. R., YEŞİLDAĞ A., EKİNCİ D., AYDOĞAN Ş.
ISSTC, 5 - 07 January 2014
- XXII. **A Green Chemistry Approach for the Synthesis and Stabilization of Gold Nanoparticles with Mentha Extract**
Jafarizad A., Safaee K., EKİNCİ D., Tavakoli A., Jafarizadeh H.
Asian Nano Forum Congress 2015- Nano Energy Conference, Kish Island, Iran, 8 - 11 March 2015
- XXIII. **Synthesis of gold nanoparticles with green synthesis by using Hypericum perforatum and Mentha extracts and application in drug delivery and biological media**
Jafarizad A., Safaee K., EKİNCİ D., Yodollah O.
Asian Nano Forum Congress 2015- Nano Energy Conference, Kish Island, Iran, 8 - 11 March 2015
- XXIV. **Biosynthesis and In-Vitro Study of Gold Nanoparticles Using Mentha and Pelargonium Extracts**
JAFARIZAD A., SAFAEE K., GHARIBIAN S., OMIDI Y., EKİNCİ D.
5th International Biennial Conference on Ultrafine Grained and Nanostructured Materials, UFGNSM15, Tehran, Iran, 11 - 12 November 2015, vol.11, pp.224-230
- XXV. **Green synthesis of gold nanoparticles from Hypericum perforatum extract and characterization and physiological stability**
Jafarizad A., EKİNCİ D., Zarei M.
The 22nd Iranian Seminar of Organic Chemistry, Tebriz, Iran, 19 August 2014 - 21 August 2015
- XXVI. **Synthesis of Gold Nanoparticles by Wet Chemical Reduction Method and investigating of the reducing agent and pH effect on the particle size of nanoparticles**
Jafarizad A., EKİNCİ D., Zarei M.
10th Nanoscience And Nanotechnology conference, İstanbul, Turkey, 17 - 21 June 2014
- XXVII. **Arayüzey Tabakası Kalınlığının Schottky Kontak Karakterizasyonuna Etkisi.**
ÇALDIRAN Z., YEŞİLDAĞ A., EKİNCİ D., AYDOĞAN Ş.
29. Uluslararası Fizik Kongresi, 30 September - 02 October 2012
- XXVIII. **Porfirin ve porfirin fulleren halkaları içeren organometalik filmleri ile elektrot yüzeylerinin kovalent modifikasyonu**
saruhan t., ATMACA U., EKİNCİ D., ÇELİK M.
6. Ulusal Analitik Kimya Kongresi, Hatay, Turkey, 3 - 07 September 2012
- XXIX. **Au Aminopiridin p Si Al ve Au Antrakininon p Si Al Metal Yarıiletken Doğrultucu Kontaktların X Işını Radyasyonuna Bağlı Karakterizasyonu**
Şahin Y., Çaldıran Z., Deniz A. R., Aydoğan Ş., Ekinci D., Şerifoğlu K.
29. ULUSLARARASI FİZİK KONGRESİ, Antalya, Turkey, 5 - 08 September 2012
- XXX. **Au Antrakininon p Si Al Schottky Diyodun X Işını Radyasyonuna Bağlı Akım Voltaj I V Karakteristiğinin İncelenmesi**
Çaldıran Z., Aydoğan Ş., Deniz A. R., Şahin Y., Ekinci D.
29. ULUSLARARASI FİZİK KONGRESİ, Muğla, Turkey, 5 - 08 September 2012
- XXXI. **Au/ Anthraquinone/p-Si/Al Schottky Diyodun Sıcaklığa Bağlı Akım-Voltaj(I-V) Karakteristiğinin İncelenmesi**
ÇALDIRAN Z., DENİZ A. R., YEŞİLDAĞ A., EKİNCİ D., AYDOĞAN Ş.
28. Uluslararası Fizik Kongresi, 27 - 30 September 2011
- XXXII. **Au Anthraquinone n Si Al Schottky Diyodun Sıcaklığa Bağlı Akım Voltaj I V Karakteristiğinin İncelenmesi**

Aydoğan Ş., Deniz A. R., Şahin Y., Ekinci D.

28. ULUSLARARASI FİZİK KONGRESİ, Muğla, Turkey, 6 - 09 September 2011

XXXIII. **Dönüşümlü Voltametri Tekniği ile Tramadolün miktar tayini**

KUCUK A., KADIOĞLU Y., EKİNCİ D.

IV. Elektrokimya Günleri, Adana, Turkey, 11 - 13 June 2003, pp.220

Supported Projects

Ekinci D., Kudaş Z., GÜLTEKİN D., TUBITAK Project, Perilen Monoimid Diester Homodimer (PMIDE-HD) Tabanlı Foto-Şarj Edilebilir Güç Paketlerinin Hazırlanması, 2024 - 2026

Kavaz E., Ekinci D., Perişanoğlu U., Gür E., TUBITAK Project, Geçiş Metal Diselenidli Esnek Süperkapasitör Elektrotların Üretimi/Karakterizasyonu Ve Süperkapasitör Aygıt Tasarımı, 2023 - 2025

Ekinci D., TUBITAK Project, Esnek Ve Giyilebilir Foto-Süperkapasitörlerin Fabrikasyonu, 2022 - 2025

EKİNCİ D., GÜR E., PERİŞANOĞLU U., Project Supported by Higher Education Institutions, Esnek yüksek performanslı CarbonCottonMoS₂ ve CarboncottonWS₂ tabanlı süperkapasitör üretimi, 2022 - 2024

KÜFREYOĞLU Ö. İ., TANRIVERDİ EÇİK E., ŞENKUYYU E., EKİNCİ D., KILIÇ H., Project Supported by Higher Education Institutions, Kimya Bölümünün Akademik Araştırma Olanaklarının Güçlendirilmesi, 2022 - 2023

KÜFREYOĞLU Ö. İ., KAZAZ C., KILIÇ D., EKİNCİ D., Project Supported by Higher Education Institutions, Kimya Bölümü Cihazları Bakımı Onarımı ve Parça Değişimleri, 2022 - 2023

EKİNCİ D., NAZARI H. B., Project Supported by Higher Education Institutions, Metal Oksitİndirgenmiş Grafen Oksit MORGO Kompozit Aktif Elektrot Materyallerin Kapasitif Performansına Metal Oksit Nanopartiküllerin Yüzey Fonksiyonizasyonunun Etkisi, 2022 - 2023

Ekinci D., TUBITAK Project, Metal Oksit/İndirgenmiş Grafen Oksit (MO/rGO) Kompozit Aktif Elektrot Materyallerin Kapasitif Performansına Metal Oksit Nanopartiküllerin Yüzey Fonksiyonizasyonunun Etkisi, 2022 - 2023

NADAROĞLU H., HACİMÜFTÜOĞLU A., DAŞ E., BAYRAKÇEKEN YURTCAN A., BARIŞ Ö., GÜR E., ÇOMAKLI Ö., KARAKAN M., ERTUĞRUL M., EFEYOĞLU H., et al., Project Supported by Higher Education Institutions, World Congress on Applied Nanotechnology 2021, 2021 - 2022

EKİNCİ D., Project Supported by Higher Education Institutions, İndirgenmiş Grafen Oksit Metal Oksit RGO/MO Nanokompozit Yapıları ile Modifiye Edilmiş Camsı Karbon GC Elektrotların Hidrazin Hidrat Tespitinde Kullanılması, 2021 - 2022

EKİNCİ D., Project Supported by Higher Education Institutions, Diazonyum Tuzlarının Elektrokimyasal Redüksiyonu İle Elde Edilmiş Heteroaril Filmler Üzerinde Platin ve Palladyum Nanopartiküllerin Sentezi ve Onların Hidrazin Hidrat ve Nitrobenzen Tayininde Kullanımı, 2021 - 2021

EKİNCİ D., KARDEŞOĞLU T., GÜLAÇ N., Project Supported by Higher Education Institutions, Yetiştirme Yurtlarına Bilim Programı, 2019 - 2021

AKBULUT N., MENZEK A., DAŞTAN A., EKİNCİ D., KILIÇ H., ÖZDEMİR H., KAZAZ C., SARAÇOĞLU N., ONGANER Y., ŞAHİN E., et al., Project Supported by Higher Education Institutions, Kimya Bölümünün Akademik Araştırma Potansiyelinin Geliştirilmesi, 2019 - 2021

EKİNCİ D., BAHAR N., Project Supported by Higher Education Institutions, Boşluklu Altın Nanopartikül İndirgenmiş Grafen Oksit HAuNPs/RGO Nanokompozit Yapıların Sentezi ve Kapasitör Özelliklerinin Araştırılması, 2019 - 2019

EKİNCİ D., ÜNAL Ö. F., KUDAŞ Z., Project Supported by Higher Education Institutions, PARA/META-SUBSTİTÜE ARİL RADİKALLERİ İLE KARBON YÜZEYLERİNİN KOVALENT MODİFİKASYONU, 2015 - 2018

EKİNCİ D., HUDAŞ Z., ÜNAL Ö. F., Project Supported by Higher Education Institutions, KOVALENT MODİFİYE YÜZEYLER ÜZERİNDE METAL OKSİT FİLMLEİNİN ELEKTROKİMYASAL SENTEZİ, 2015 - 2018

Ekinci D., Yeşildağ A., Project Supported by Higher Education Institutions, 3-Aminopiridin ve 4-Aminopiridin Katı yüzeylerine Kovalent Modifikasyonunda Halkadaki Azot Atomunun Film Oluşum Kinetiği Üzerine Etkisinin Araştırılması, 2015 - 2017

Küfreyoğlu Ö. İ., Hacimüftüoğlu A., Efeoğlu H., Ertuğrul M., Malkoç İ., Şengül G., Ekinci D., Mavi A., Karacalı T., Özcan H., et al., TUBITAK Project, Beyin Hastalıklarının Tanı ve Tedavisinde Yeni Yöntem In Vivo Mikrosensör Teknolojisi, 2013 - 2017

EKİNCİ D., Project Supported by Higher Education Institutions, HETEROAROMATİK SONLU TİYOLLERİN KENDİ KENDİNE BİRİKEN TEK TABAKALARI ÜZERİNDE METAL İYONLARININ ADSORPSİYONU, 2014 - 2016

SAĞSÖZ M. E., HACİMÜFTÜOĞLU A., ORAL E. A., MAVİ A., SÖNMEZ E., EKİNCİ D., ÇAVUŞOĞLU B., MALKOÇ İ., TUBITAK Project, Beyin Hastalıklarının Tanı Ve Tedavisinde Yeni Yöntem: In Vivo Mikrosensör Teknolojisi, 2013 - 2016

Ekinci D., Project Supported by Higher Education Institutions, Diklofenak Etkin Maddesinin Voltametri ve Spektrofotometri Yöntemleri İle Farmasötik Preparatlarda Miktar Tayini, 2012 - 2013

Ekinci D., TUBITAK Project, Porfirin ve Porfirin-Fulleren Halkaları İçeren Organometalik Filmler İle Elektrot Yüzeylerinin Kovalent Modifikasyonu. Modifiye Yüzeyler Üzerinde Titanyum Oksit Filminin Elektrokimyasal Sentezi, 2011 - 2013

EKİNCİ D., Project Supported by Higher Education Institutions, ANALİTİK KİMYA ARAŞTIRMA LABORATUVARININ ALTYAPISININ GÜÇLENDİRİLMESİ VE NİTRO-SÜBSTİTÜE TİYOL TEK TABAKALARI ÜZERİNE KURŞUNUN ELEKTROKİMYASAL DEPOZİSYONU, 2011 - 2012

Ekinci D., Project Supported by Higher Education Institutions, Flurbiprofenin farmasötik preparatlarda analitik yöntemlerle miktar tayini, 2011 - 2012

Ekinci D., Project Supported by Higher Education Institutions, Tiyofen Türevlerinin Diazonyum Tuzları İle Karbon ve Silisyum Yüzeylerinin Kovalent Modifikasyonu, 2009 - 2011

EKİNCİ D., TUBITAK Project, Piridin Tipi Organometalik Kompleksler İle Karbon ve Silisyum Yüzeylerinin Kovalent Modifikasyonu, 2008 - 2010

EKİNCİ D., TUBITAK Project, w-Floren ve 2-Aminofloren Sonlu 4-Tiyokresolun Kendi Kendine Biriken Tek Tabakalarının Anodik Elektropolimerizasyon ile Polimerleştirilmesi ve Fiziksel Özelliklerinin Araştırılması, 2005 - 2008

EKİNCİ D., TUBITAK Project, Tiyofen Grubu İçeren Tri- ve Tetraaza Makrosiklik Ligandlar İle Geçiş Metal Komplekslerinin Sentezi, Elektrokimyasal ve Kimyasal Polimerizasyonu İle Fiziksel Özelliklerinin Araştırılması, 2005 - 2007

Ekinci D., Project Supported by Higher Education Institutions, CdS PbS ve ZnS Bileşik Yarıiletkenlerinin Au 111 Tek Kristal Elektrot Üzerinde Elektrodepozisyonu, 2003 - 2004

Ekinci D., Project Supported by Higher Education Institutions, 3 naftiltiyofen den Elektrokimyasal Yöntemler Uygulanarak Oligomer Sentezi ve Elektrokimyasal ve Elektronik Özelliklerinin İncelenmesi, 2003 - 2004

Ekinci D., Project Supported by Higher Education Institutions, Oligo 2 amino 3 siyano 4 naftiltiyofen in Elektrokimyasal Özelliklerinin İncelenmesi, 2002 - 2003

Ekinci D., Project Supported by Higher Education Institutions, 2 amino 3 siyano 4 naftiltiyofen den Elektrokimyasal Yöntemler Uygulanarak Oligomer Sentezi ve Elektrokimyasal ve Elektronik Özelliklerinin İncelenmesi, 2001 - 2003

EKİNCİ D., TUBITAK Project, 2-amino-3-siyano-4-naftiltiyofen'den Elektrokimyasal Yolla Oligomer Sentezi ve Elektrokimyasal ve Elektronik Özelliklerinin İncelenmesi, 2001 - 2002

Ekinci D., Project Supported by Higher Education Institutions, Floresans Özellik Gösteren Poli 2 amino 3 siyano 4 feniltiyofen in Elektrokimyasal Sentezi ve Özelliklerinin İncelenmesi, 1998 - 2000

Scientific Refereeing

Project Supported by Higher Education Institutions, BAP Research Project, Ataturk University, Turkey, December 2023

DIAMOND AND RELATED MATERIALS, SCI Journal, November 2023

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ataturk University, Turkey, November 2023

TUBITAK Project, 1505 - University-Industry Cooperation Support Program, Ataturk University, Turkey, August 2023

DIAMOND AND RELATED MATERIALS, SCI Journal, July 2023

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Ataturk University, Turkey, July 2023

TURKISH JOURNAL OF CHEMISTRY, SCI Journal, May 2023

DIAMOND AND RELATED MATERIALS, SCI Journal, May 2023

TUBITAK Project, 1002 - Quick Support Program, Ataturk University, Turkey, April 2023

Materials Today Chemistry, SCI Journal, March 2023

TUBITAK Project, 1002 - Quick Support Program, Ataturk University, Turkey, February 2023

Materials Today Chemistry, SCI Journal, January 2023

TUBITAK Project, 2214/A INTERNATIONAL PHD RESEARCH SCHOLARSHIP PROGRAM, Ataturk University, Turkey, January 2023

TUBITAK Project, 1002 - Quick Support Program, Ataturk University, Turkey, January 2023

TUBITAK Project, 1002 - Quick Support Program, Ataturk University, Turkey, November 2022

TUBITAK Project, 2210-c Domestic Priority Areas Graduate Scholarship Program , Ataturk University, Turkey, November 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ataturk University, Turkey, October 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ataturk University, Turkey, October 2022

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Ataturk University, Turkey, September 2022

TUBITAK Project, 2218 - Yurt İçi Doktora Sonrası Araştırma Burs Programı, Ataturk University, Turkey, July 2022

TUBITAK Project, 1002 - Quick Support Program, Ataturk University, Turkey, July 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ataturk University, Turkey, June 2022

TUBITAK Project, 1002 - Quick Support Program, Ataturk University, Turkey, May 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ataturk University, Turkey, May 2022

Project Supported by Higher Education Institutions, BAP Research Project, Ataturk University, Turkey, April 2022

TUBITAK Project, 1002 - Quick Support Program, Ataturk University, Turkey, March 2022

TUBITAK Project, 2236 - Program for Supporting International Researchers, Ataturk University, Turkey, March 2022

ORGANIC COMMUNICATIONS, National Scientific Refreed Journal, January 2022

TUBITAK Project, 1002 - Quick Support Program, Ataturk University, Turkey, January 2022

ACS OMEGA, SCI Journal, November 2021

TUBITAK Project, 1005 - National New Ideas and Products Research Support Program, Ataturk University, Turkey, October 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ataturk University, Turkey, October 2021

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Ataturk University, Turkey, September 2021

JOURNAL OF NANOSTRUCTURE IN CHEMISTRY, SCI Journal, July 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ataturk University, Turkey, July 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ataturk University, Turkey, May 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ataturk University, Turkey, May 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ataturk University, Turkey, May 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ataturk University, Turkey, May 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ataturk University, Turkey, May 2021

Project Supported by Higher Education Institutions, BAP Research Project, Istanbul University, Turkey, May 2021

DIAMOND AND RELATED MATERIALS, SCI Journal, April 2021

Research Project of the Presidency of Turkey Health Institutes (TÜSEB), TUSEB, Turkey, February 2021

DIAMOND AND RELATED MATERIALS, SCI Journal, January 2021

Diamond And Related Materials, SCI Journal, November 2020

DIAMOND AND RELATED MATERIALS, SCI Journal, May 2020

Scientific Reports, SCI Journal, April 2020

Diamond And Related Materials, SCI Journal, April 2020

ACS APPLIED NANO MATERIALS, SCI Journal, March 2020

Tasks In Event Organizations

Vangölü S. Y., Kadiođlu Y., Mavi A., Çetin M., Alanyalođlu M., Ceyhun S. B., Ekinci D., Erat M., Karacalı T., Öznülüer Özer T., et al., World Congress on Applied Nanotechnology, Scientific Congress, Erzurum, Turkey, Kasım 2021

Metrics

Publication: 73

Citation (WoS): 646

Citation (Scopus): 657

H-Index (WoS): 14

H-Index (Scopus): 14

Scholarships

Yurtdışı Araştırma Bursu, University, 2012 - 2013

Yurtdışı Araştırma Bursu, University, 2006 - 2006

Non Academic Experience

NORTH CAROLINA STATE UNIVERSITY

OHIO STATE UNIVERSITY

MILLI EGITIM BAKANLIGI