

Prof. Murat ALANYALIOĞLU

Personal Information

Office Phone: [+90 442 231 4283](tel:+904422314283)

Fax Phone: [+90 442 231 4109](tel:+904422314109)

Web: <https://www.atauni.edu.tr/murat-alanyalioglu>

International Researcher IDs

ScholarID: 0fvYxo4AAAAJ

ORCID: 0000-0002-2223-7303

Yoksis Researcher ID: 33590

Biography

Prof. Dr. Murat ALANYALIOĞLU, Atatürk Üniversitesi Fen Fakültesi Kimya Bölümünden 1997 yılında mezun olmuştur. Atatürk Üniversitesi Fen Bilimleri Enstitüsü Analitik Kimya Bilim Dalında 2001 yılında Yüksek Lisans ve 2006 yılında Doktora derecesi almıştır. 2002-2003 yılları arasında Auburn Üniversitesi'nde (Alabama, ABD) 10 ay süreyle "Bileşik yarıiletken ince filmlerin elektrokimyasal sentezi" üzerine bilimsel çalışmalar gerçekleştirmiştir. 2010-2011 yılları arasında TÜBİTAK-BİDEB bursuyla Barselona Autonoma Üniversitesi Materyal Bilimleri Enstitüsü'nde (İspanya) 9 ay boyunca "Elektrokimyasal yöntemlerle grafen sentezi" alanında doktora sonrası araştırmalarda bulunmuştur. 2009-2010 yılları arasında Kimya Bölümü başkan yardımcılığı ve 2013-2015 yılları arasında DAYTAM Müdürlüğü görevlerini yapmıştır. SCI ve SCI-Expanded kapsamında yayımlanmış bilimsel makaleleri ve uluslararası ve ulusal kongrelerde sunulmuş çok sayıda bildirileri bulunmaktadır. 1 adet NSF, 5 adet TÜBİTAK ve 11 adet BAP destekli projede yürütücü, araştırmacı ve danışmanlık görevlerinde bulunmuştur. 8 adet yüksek lisans ve 3 adet doktora tezinin danışmanlığını yapmıştır. Çalışma alanları; elektrokimyasal sensörler, karbon nanomateryaller, nanokompozit malzemeler ve bileşik yarıiletken ince filmlerdir. 2017 yılından bu yana profesör kadrosunda çalışmakta olan Murat ALANYALIOĞLU, evli ve 1 çocuk babasıdır.

Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Turkey 2001 - 2006

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Turkey 1997 - 2001

Undergraduate, Ataturk University, Fen Fakültesi, Turkey 1993 - 1997

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, S, Se ve Te'ün potansiyel altı depozisyonu ve PbS, PbSe ve PbTe'ün yeni bir elektrodpozisyon yöntemi ile sentezi ve karakterizasyonu, Atatürk Üniversitesi, Fen Fakültesi, Kimya, 2006

Postgraduate, Bileşik yarıiletken HgS'ün ECALE yöntemiyle Au(111) tek kristal elektrot üzerinde sentezi ve adsorpsiyon-desorpsiyon kinetiğinin incelenmesi, Atatürk Üniversitesi, Fen Fakültesi, Kimya, 2001

Research Areas

Chemistry, Analytical Chemistry, Electromagnetic Methods, Sensors, Natural Sciences

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, 2007 - 2012

Academic and Administrative Experience

Atatürk Üniversitesi, Daytam, 2013 - 2015

Atatürk Üniversitesi, 2009 - 2010

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Fabrication of Janus GO/rGO humidity actuator by one-step electrochemical reduction route**
Aksu Z., Sahin C. H., ALANYALIOĞLU M.
SENSORS AND ACTUATORS B-CHEMICAL, vol.354, 2022 (SCI-Expanded)
- II. **Fabrication of flexible graphene oxide paper-like adsorbent doped with magnetite nanoparticles for removal of dyes**
Kontas Y. B., ERÇARIKCI E., ALANYALIOĞLU M.
RESEARCH ON CHEMICAL INTERMEDIATES, vol.47, pp.3853-3865, 2021 (SCI-Expanded)
- III. **Dual-Functional Graphene-Based Flexible Material for Membrane Filtration and Electrochemical Sensing of Heavy Metal Ions**
ERÇARIKCI E., ALANYALIOĞLU M.
IEEE Sensors Journal, vol.21, no.3, pp.2468-2475, 2021 (SCI-Expanded)
- IV. **Azure B Nanocomposites of Chemically and Electrochemically Produced Graphene Oxide: Comparison of Amperometric Sensor Performance for NADH**
BAYINDIR O., ALANYALIOĞLU M.
IEEE SENSORS JOURNAL, vol.19, no.3, pp.812-819, 2019 (SCI-Expanded)
- V. **Formation Mechanism of Polymeric Thin Films of Azure B on Gold Electrodes**
BAYINDIR O., ALANYALIOĞLU M.
ChemistrySelect, vol.3, no.7, pp.2167-2173, 2018 (SCI-Expanded)
- VI. **Fabrication of free-standing reduced graphene oxide composite papers doped with different dyes and comparison of their electrochemical performance for electrocatalytical oxidation of nitrite**
AKSU Z., ALANYALIOĞLU M.
Electrochimica Acta, vol.258, pp.1376-1386, 2017 (SCI-Expanded)
- VII. **Amperometric nitrite sensor based on free-standing carbon nanotube/methylene blue composite paper**
ÖMÜR T., ALANYALIOĞLU M.
IONICS, vol.23, no.12, pp.3507-3516, 2017 (SCI-Expanded)
- VIII. **Surface-confined electropolymerization of pyronin Y in the graphene composite paper structure for the amperometric determination of dopamine**
Kıranşan K., Topçu E., Alanyalıoğlu M.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.134, no.30, 2017 (SCI-Expanded)
- IX. **Surface-confined electropolymerization of pyronin Y in the graphene composite paper structure for**

the amperometric determination of dopamine

Dağcı Kiranşan K., Topçu E., Alanyalıoğlu M.

Journal Of Applied Polymer Science, vol.134, 2017 (SCI-Expanded)

- X. **Surface-confined electropolymerization of pyronin Y in the graphene composite paper structure for the amperometric determination of dopamine**
DAĞCI KIRANŞAN K., TOPÇU E., ALANYALIOĞLU M.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.134, 2017 (SCI-Expanded)
- XI. **Free-standing Graphene/Poly(methylene blue)/AgNPs Composite Paper for Electrochemical Sensing of NADH**
Topçu E., Dagcı K., Alanyalıoğlu M.
Electroanalysis, vol.28, no.9, pp.2058-2069, 2016 (SCI-Expanded)
- XII. **Electrochemical fabrication and amperometric sensor application of graphene sheets**
OZTURK A., ALANYALIOĞLU M.
SUPERLATTICES AND MICROSTRUCTURES, vol.95, pp.56-64, 2016 (SCI-Expanded)
- XIII. **Electrochemical detection of nitrite on poly(pyronin Y)/graphene nanocomposites modified ITO substrate**
Sinoforoglu M., DAĞCI KIRANŞAN K., ALANYALIOĞLU M., MERAL K.
SUPERLATTICES AND MICROSTRUCTURES, vol.94, pp.231-236, 2016 (SCI-Expanded)
- XIV. **Amperometric Quantification Of NADH Based On Graphene/methylene Blue Nanocomposite Thin Films On Au(111)**
ERÇARIKCI E., Bayındır O., ALANYALIOĞLU M.
POLYMER COMPOSITES, vol.38, 2016 (SCI-Expanded)
- XV. **Amperometric Quantification of NADH Based on Graphene/Methylene Blue Nanocomposite Thin Films on Au(111)**
ERÇARIKCI E., BAYINDIR O., ALANYALIOĞLU M.
POLYMER COMPOSITES, vol.-, 2016 (SCI-Expanded)
- XVI. **Preparation of Free-Standing and Flexible Graphene/Ag Nanoparticles/Poly(pyronin Y) Hybrid Paper Electrode for Amperometric Determination of Nitrite**
DAĞCI KIRANŞAN K., ALANYALIOĞLU M.
ACS APPLIED MATERIALS & INTERFACES, vol.8, no.4, pp.2713-2722, 2016 (SCI-Expanded)
- XVII. **Electrochemical approaches for rearrangement of lead sulfide thin films prepared by SILAR method**
Ust U. C., DAĞCI KIRANŞAN K., ALANYALIOĞLU M.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.41, pp.270-276, 2016 (SCI-Expanded)
- XVIII. **High enzymatic activity preservation of malate dehydrogenase immobilized in a Langmuir-Blodgett film and its electrochemical biosensor application for malic acid detection**
GÜR B., Isik M., DAĞCI KIRANŞAN K., ALANYALIOĞLU M., BEYDEMİR Ş., MERAL K.
RSC ADVANCES, vol.6, no.83, pp.79792-79797, 2016 (SCI-Expanded)
- XIX. **Fabrication of free-standing graphene paper decorated with flower-like PbSe_{0.5}S_{0.5} structures**
Ust U. C., Demir S. B., DAĞCI KIRANŞAN K., ALANYALIOĞLU M.
RSC ADVANCES, vol.6, no.12, pp.9453-9460, 2016 (SCI-Expanded)
- XX. **The effect of annealing temperature on the electrical characterization of Co/n type GaP Schottky diode**
Orak I., Ejderha K., SÖNMEZ E., Alanyalıoglu M., TÜRÜT A.
MATERIALS RESEARCH BULLETIN, vol.61, pp.463-468, 2015 (SCI-Expanded)
- XXI. **Electrochemical formation of poly thionine thin films The effect of amine group on the polymeric film formation of phenothiazine dyes**
TOPÇU E., ALANYALIOĞLU M.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.131, 2014 (SCI-Expanded)
- XXII. **Electrochemical Formation of Poly(thionine) Thin Films: The Effect of Amine Group on the Polymeric Film Formation of Phenothiazine Dyes**
TOPÇU E., ALANYALIOĞLU M.

JOURNAL OF APPLIED POLYMER SCIENCE, vol.131, no.1, 2014 (SCI-Expanded)

- XXIII. **Electrochemical preparation of poly(methylene blue)/graphene nanocomposite thin films**
Erçarıkçı E., Dagcı K., Topçu E., Alanyalıoğlu M.
Materials Research Bulletin, vol.55, pp.95-101, 2014 (SCI-Expanded)
- XXIV. **Electrochemical preparation of polymeric films of pyronin Y and its electrocatalytic properties for amperometric detection of nitrite**
DAĞCI KIRANŞAN K., ALANYALIOĞLU M.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.711, pp.17-24, 2013 (SCI-Expanded)
- XXV. **The synthesis of graphene sheets with controlled thickness and order using surfactant-assisted electrochemical processes**
Alanyalioglu M., JOSE SEGURA J., ORO-SOLE J., CASAN-PASTOR N.
CARBON, vol.50, no.1, pp.142-152, 2012 (SCI-Expanded)
- XXVI. **Chronoamperometric and morphological investigation of nucleation and growth mechanism of poly(azure A) thin films**
KALYONCU E., ALANYALIOĞLU M.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.660, no.1, pp.133-139, 2011 (SCI-Expanded)
- XXVII. **Surface-Confined Electropolymerization of Methylene Blue on Gold Electrodes**
DAĞCI KIRANŞAN K., ALANYALIOĞLU M.
ELECTROANALYSIS, vol.23, no.3, pp.777-783, 2011 (SCI-Expanded)
- XXVIII. **Electrical and optical characteristics of Au/PbS/n-6H-SiC structures prepared by electrodeposition of PbS thin film on n-type 6H-SiC substrate**
GULEN Y., ALANYALIOĞLU M., Ejderha K., NUHOGLU C., TURUT A.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.509, no.6, pp.3155-3159, 2011 (SCI-Expanded)
- XXIX. **Nucleation and Growth Mechanism of Electropolymerization of Methylene Blue: The Effect of Preparation Potential on Poly(methylene blue) Structure**
Kaplan I. H., DAĞCI KIRANŞAN K., ALANYALIOĞLU M.
ELECTROANALYSIS, vol.22, no.22, pp.2694-2701, 2010 (SCI-Expanded)
- XXX. **Single and Double Fabry-Perot Structure Based on Porous Silicon for Chemical Sensors**
KARACALI T., ALANYALIOĞLU M., EFEOĞLU H.
IEEE SENSORS JOURNAL, vol.9, no.12, pp.1667-1672, 2009 (SCI-Expanded)
- XXXI. **Preparation of PbS thin films: A new electrochemical route for underpotential deposition**
ALANYALIOĞLU M., Bayrakceken F., Demir U.
ELECTROCHIMICA ACTA, vol.54, no.26, pp.6554-6559, 2009 (SCI-Expanded)
- XXXII. **Electrochemical Preparation of Pyronin Y Thin Films on Gold Substrates**
ALANYALIOĞLU M., ARIK M.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.111, no.1, pp.94-100, 2009 (SCI-Expanded)
- XXXIII. **Atom-by-atom growth of CdS thin films by an electrochemical co-deposition method: Effects of pH on the growth mechanism and structure**
şışman I., Alanyalioglu M., Demir U.
JOURNAL OF PHYSICAL CHEMISTRY C, vol.111, no.6, pp.2670-2674, 2007 (SCI-Expanded)
- XXXIV. **Electrochemical formation of Se atomic layers on Au(111) surfaces: the role of adsorbed selenate and selenite**
ALANYALIOGLU M., Demir U., SHANNON C.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.561, pp.21-27, 2004 (SCI-Expanded)
- XXXV. **Electrochemical studies of the effects of pH and the surface structure of gold substrates on the underpotential deposition of sulfur**
ALANYALIOGLU M., CAKAL H., Ozturk A. E., DEMIR U.
JOURNAL OF PHYSICAL CHEMISTRY B, vol.105, no.43, pp.10588-10593, 2001 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Electrochemical Sensing of Nitrite using Flexible Carbon Nanotube Platforms**
ÖMÜR T., ALANYALIOĞLU M.
2019 IEEE Regional Symposium on Micro and Nanoelectronics (RSM), 21 - 23 August 2019
- II. **Preparation of Free-Standing And Flexible Graphene Oxide/ZnO Nanocomposite Papers**
ERÇARIKCI E., ALANYALIOĞLU M.
5. International Conferences on Engineering Natural Sciences, 22 - 24 December 2019
- III. **Synthesis and characterization of ZnO nanostructures via a CTAB-assisted hydrothermal process**
ERÇARIKCI E., ALANYALIOĞLU M.
3rd International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 19 - 21 September 2019
- IV. **Fabrication of Reduced Graphene Oxide Based Flexible Membrane/Electrode**
ERÇARIKCI E., ALANYALIOĞLU M.
International Conference on Physical Chemistry and Functional Materials, 25 June 2019
- V. **Preparation of ZnO Nanoparticles Using Polyol and Hydrothermal Methods**
ERÇARIKCI E., ALANYALIOĞLU M.
International Symposium on Applied Sciences and Engineering (ISASE2018), 26 November 2018
- VI. **RADIATION ATTENUATION PROPERTIES OF GRAPHENE OXIDE(GO) MODIFIED POLY (METHYLENE BLUE) NANOCOMPOSITE THIN FILMS**
EKİNCİ N., KAVAZ E., DAĞCI KIRANŞAN K., ALANYALIOĞLU M., LEVET A., ÖZDEMİR Y.
2nd International Congress on Semiconductor materials and Devices, 28 - 30 August 2018
- VII. **Graphene/Methylene Blue Nanocomposite Thin Films for Amperometric Sensing of NADH**
ERÇARIKCI E., Bayındır O., ALANYALIOĞLU M.
2th International Congress on Semiconductor Materials Devices, 28 August 2018
- VIII. **The Synthesis of ZnO Nanoparticles by Different Routes and Their Dispersion in Graphene Oxide**
ERÇARIKCI E., ALANYALIOĞLU M.
Nanotr-14, 22 September 2018
- IX. **Grafen/poli(metilen Mavisi) Nanokompozit Yapılarının Elektrokimyasal Sentezi**
ERÇARIKCI E., TOPÇU E., DAĞCI KIRANŞAN K., ALANYALIOĞLU M.
6. Ulusal Analitik Kimya Kongresi, Turkey, 03 September 2012
- X. **Radiation Attenuation Of Graphene Oxide (Go) Modified Poly(Methylene Blue) Nanocomposite Thin Films**
KAVAZ E., EKİNCİ N., DAĞCI KIRANŞAN K., ALANYALIOĞLU M., ÖZDEMİR Y.
International Conference on Semiconductor Materials and Devices (ICSMD) and Functional Materials, 28 - 30 August 2018
- XI. **Fabrication of Reduced Graphene Oxide Based Flexible Paper**
ERÇARIKCI E., ALANYALIOĞLU M.
International Conference on Physical Chemistry and Functional Materials, 19 June 2018
- XII. **Electrochemical crystallization of ternary semiconductor thin films on free-standing and flexible graphene paper**
ÜST Ü. Ç., DEMİR Ş. B., DAĞCI KIRANŞAN K., ALANYALIOĞLU M.
Italian Crystal Growth 2017, 20 - 21 November 2017
- XIII. **Electropolymerization of Azure B on Gold Electrodes**
BAYINDIR O., ALANYALIOĞLU M.
2nd International Conference on Advanced Engineering Technologies, 21 - 23 September 2017
- XIV. **Biosensor Applications of Enzyme Immobilized to Cationic Octadecylamine by Langmuir-Blodgett Techniques**
GÜR B., DAĞCI KIRANŞAN K., IŞIK M., BEYDEMİR Ş., ALANYALIOĞLU M., ONGANER Y.
International Congress Semiconductor Materials and Devices, 17 August 2017 - 19 August 2017
- XV. **Biosensor Applications of Enzyme Immobilized to Cationic Octadecylamine by Langmuir-Blodgett Techniques**

- GUR B., DAĞCI KIRANŞAN K., Işık M., Beydemir Ş., ALANYALIOĞLU M., ONGANER Y.
International Congress on Semiconductor Materials and Devices, Konya, Turkey, 17 - 19 August 2017, pp.99
- XVI. **Biosensor Applications of Enzyme Immobilized to Cationic Octadecylamine by Langmuir-Blodgett Techniques**
GUR B., DAĞCI KIRANŞAN K., Işık M., Beydemir Ş., ALANYALIOĞLU M., ONGANER Y.
International Congress on Semiconductor Materials and Devices, Konya, Turkey, 17 - 19 August 2017, pp.99
- XVII. **Free-standing Graphene-Based Papers for Electrochemical Sensor Applications**
DAĞCI KIRANŞAN K., TOPÇU E., AKSU Z., ALANYALIOĞLU M.
Matrafüred 2017, 11 - 16 June 2017
- XVIII. **Electrochemical NADH sensor based on graphene dye nanocomposites**
ERÇARIKCI E., Bayındır O., ALANYALIOĞLU M.
International MicroNano Conference, 13 December 2016
- XIX. **Immobilization of Malate Dehydrogenase Enzyme by Langmuir Blodgett Technique and Its Biosensor Applications**
GÜR B., MERAL K., IŞIK M., DAĞCI K., ALANYALIOĞLU M., BEYDEMİR Ş.
II International Turkic Word Conference on Chemical Sciences and Technologies (ITWCCST), 26 - 30 October 2016
- XX. **Flexible and Electrically Conductive Fe₃O₄ rGO Paper Electrode and Its Catalytical Application**
DAGCI K., TOPÇU E., AKSOY M., ALANYALIOĞLU M.
Graphene Turkey, 20 - 21 October 2016
- XXI. **FABRICATION and AMPEROMETRIC SENSOR APPLICATION of FREE STANDING GRAPHENE PAPER ELECTRODES DECORATED with DYE POLYMERS**
DAĞCI KIRANŞAN K., TOPÇU E., ALANYALIOĞLU M.
INTERNATIONAL WORKSHOP ON SPECIAL TOPICS ON POLYMERIC COMPOSITES, 24 - 26 February 2016
- XXII. **Dye polymer thin films for amperometric sensor applications in Eurasian Silk Road countries**
ALANYALIOĞLU M.
6th Annual Convention of ESRUC, 1 - 04 October 2015
- XXIII. **Grafen Ag nanopartikül Poli pyronin Y Hibrit Kağıt Elektrotların Hazırlanması ve Nitritin Amperometrik Tayininde Kullanımı**
DAĞCI K., ALANYALIOĞLU M.
5. Fiziksel Kimya Kongresi, Turkey, 16 - 19 May 2015
- XXIV. **A sensitive NADH biosensor based on flexible and free standing graphene poly MB AgNPs paper**
TOPÇU E., ERÇARIKCI E., Bayındır O., DAĞCI KIRANŞAN K., ALANYALIOĞLU M.
ICREA Workshop on Graphene Nanobiosensors, 25 March 2015
- XXV. **ROLE OF PREPARATION PROCEDURE OF GRAPHENE ON THE ELECTROCHEMICAL PERFORMANCE OF FREE STANDING GRAPHENE METHYLENE BLUE SILVER NANOPARTICLE COMPOSITE ELECTRODES**
TOPÇU E., Bayındır O., ERÇARIKCI E., DAĞCI KIRANŞAN K., Öztürk A., ALANYALIOĞLU M.
NANOCON 2014, Brno, Czech Republic, 5 - 07 November 2014, pp.102
- XXVI. **ROLE OF PREPARATION PROCEDURE OF GRAPHENE ON THE ELECTROCHEMICAL PERFORMANCE OF FREE STANDING GRAPHENE METHYLENE BLUE SILVER NANOPARTICLE COMPOSITE ELECTRODES**
TOPÇU E., Bayındır O., ERÇARIKCI E., DAĞCI KIRANŞAN K., Öztürk A., ALANYALIOĞLU M.
NANOCON 2014, Brno, Czech Republic, 5 - 07 November 2014, pp.102
- XXVII. **Preparation Of Highly Conductive, Flexible, And Free-standing Graphene Composite Paper**
TOPÇU E., DAĞCI KIRANŞAN K., ERÇARIKCI E., Öztürk A., ALANYALIOĞLU M.
Nanotr-10, 17 June 2014
- XXVIII. **Cooperative Effect Of Poly(methylene Blue) And Graphene On The Electrocatalytic Oxidation Of Nitrite**
ERÇARIKCI E., DAĞCI KIRANŞAN K., TOPÇU E., Bayındır O., ALANYALIOĞLU M.
10th International Electrochemistry Meeting, 04 September 2013
- XXIX. **ELECTROCHEMICAL SYNTHESIS OF HIGHLY ORIENTED TERNARY SEMICONDUCTIVE PbSeS THIN FILMS**
Demir Ş. B., Üst Ü. Ç., DAĞCI K., TOPÇU E., Erçarıkçı E., ALANYALIOĞLU M.
NANO-TR 9, Erzurum, Turkey, 24 - 28 June 2013

- XXX. **Electrochemical Synthesis Of Highly-oriented Ternary Semiconductive Pbse(1-x)sx Thin Films**
Demir Ş. B., Üst Ü. Ç., DAĞCI KIRANŞAN K., TOPÇU E., ERÇARIKCI E., ALANYALIOĞLU M.
Nanotr-9, 24 June 2013
- XXXI. **Electrochemical Preparation Of Graphene/poly(methylene Blue) Nanocomposite Thin Films**
ERÇARIKCI E., TOPÇU E., DAĞCI KIRANŞAN K., ALANYALIOĞLU M., Pastor N. C.
Nanotechitaly 2012, 21 November 2012
- XXXII. **Electrochemical preparation and characterization of graphene poly methylene blue nanocomposite thin films**
ERÇARIKCI E., DAĞCI KIRANŞAN K., TOPÇU E., ALANYALIOĞLU M.
6. Ulusal Analitik Kimya Kongresi, Turkey, 3 - 07 September 2012
- XXXIII. **Amperometric determination of nitrite by polymeric pyronin Y thin films**
DAĞCI KIRANŞAN K., ALANYALIOĞLU M.
6. Ulusal Analitik Kimya Kongresi, Turkey, 3 - 07 September 2012
- XXXIV. **GRAFEN POLY(METİLEN MAVİSİ) NANOKOMPOZİT YAPILARININ ELEKTROKİMYASAL SENTEZİ**
ERÇARIKCI E., TOPÇU E., DAĞCI KIRANŞAN K., ALANYALIOĞLU M.
6. ULUSAL ANALİTİK KİMYA KONGRESİ, Turkey, 3 - 07 September 2012
- XXXV. **Electrochemical preparation of pyronine Y thin films**
DAĞCI KIRANŞAN K., Kalyoncu E., ALANYALIOĞLU M.
9. Uluslararası Elektrokimya Toplantısı, 25 - 29 September 2011
- XXXVI. **Surface confined electropolymerization of methylene blue monolayers**
DAĞCI KIRANŞAN K., Kaplan İ. H., Kalyoncu E., TOPÇU E., ALANYALIOĞLU M.
25. Ulusal Kimya Kongresi, Turkey, 27 June - 02 July 2011
- XXXVII. **Investigation of nucleation and growth mechanism during formation of poly azure A**
Kalyoncu E., DAĞCI KIRANŞAN K., Kaplan İ. H., TOPÇU E., ALANYALIOĞLU M.
Nano-TR-6, 15 - 18 June 2010
- XXXVIII. **Effect of surfactants on the formation of poly azure A thin films**
Kalyoncu E., DAĞCI KIRANŞAN K., TOPÇU E., Kaplan İ. H., ALANYALIOĞLU M.
5. Analitik Kimya Kongresi, Turkey, 21 - 25 June 2010
- XXXIX. **Electrochemical synthesis of highly oriented methylene blue monolayers**
DAĞCI KIRANŞAN K., Kalyoncu E., Kaplan İ. H., ALANYALIOĞLU M.
8. Uluslararası Elektrokimya Toplantısı, 8 - 11 October 2009
- XL. **Effect of electrooxidation potential on thin film structure of poly methylene blue**
Kaplan İ. H., DAĞCI KIRANŞAN K., Kalyoncu E., ALANYALIOĞLU M.
Ulusal-Nano TR-5, Turkey, 8 - 12 June 2009
- XLI. **Gözenekli Silisyumdan Oluşturulmuş Çift Fabry-Perot Yapıların Optik Kimyasal Algılayıcı Olarak İncelenmesi**
KARACALI T., ALANYALIOĞLU M., EFEOĞLU H.
Fotonik 2007, Aselsan, Turkey, 28 September 2007
- XLII. **Electrochemical Synthesis of PbSe Nanoparticles**
BAYRAKÇEKEN NİŞANCI F., DEMİR Ü., ÖZNÜLÜER T., ALANYALIOĞLU M.
Nano TR 3, 11 - 14 June 2007
- XLIII. **ECAL Yöntemiyle Au 111 Elektrotu Üzerinde Bi₂S₃ İnce Filmlerinin Oluşumu ve İlk Tabakalardaki Yapısal Değişimlerin Kinetiği**
ÖZNÜLÜER T., ALANYALIOĞLU M., ŞİŞMAN İ., DEMİR Ü.
XVI. Ulusal Kimya Kongresi, Konya, Turkey, 10 - 13 September 2002, vol.530
- XLIV. **Bileşik Yarı iletken HgS ün ECAL Yöntemiyle Au 111 Üzerinde Sentezi ve Adsorbsiyon Desorbsiyon Kinetiği**
ALANYALIOĞLU M., ÖZNÜLÜER T., DEMİR Ü.
XV. Ulusal Kimya Kongresi, İstanbul, Turkey, 4 - 07 September 2001
- XLV. **Elektrokimyasal Atomik Tabaka Epitaksi Yöntemiyle Bi₂S₃ Sentezi**
ÖZNÜLÜER T., Alanyalıoğlu M., DEMİR Ü.

Supported Projects

ALANYALIOĞLU M., DAĞCI KIRANŞAN K., ÖMÜR T., Project Supported by Higher Education Institutions, KARBON NANOTÜP/METİLEN MAVİSİ KOMPOZİT KAĞIT ELEKTROTLARIN HAZIRLANMASI VE NİTRİTİN AMPEROMETRİK TAYİNİNDE KULLANILMASI, 2015 - 2018

ALANYALIOĞLU M., TUBITAK Project, Müstakil grafen/poli(metilen mavisi) kompozit elektrotların hazırlanması ve amperometrik sensör özelliklerinin incelenmesi, 2013 - 2017

ALANYALIOĞLU M., TOPÇU E., DAĞCI KIRANŞAN K., Project Supported by Higher Education Institutions, POLİ(PYRONİN Y)/GRAFEN MÜSTAKİL KAĞIT ELEKTROTLARIN HAZIRLANMASI VE NİTRİTİN AMPEROMETRİK TAYİNİNDE KULLANILMASI, 2014 - 2016

ALANYALIOĞLU M., TOPÇU E., DAĞCI KIRANŞAN K., Project Supported by Higher Education Institutions, POLİ İNCE FİLMLERİNİN ELEKTROKİMYASAL SENTEZİ VE KARAKTERİZASYONU, 2011 - 2013

ALANYALIOĞLU M., TOPÇU E., DAĞCI KIRANŞAN K., Project Supported by Higher Education Institutions, POLİMERİK PYRONİN Y İNCE FİLMLERİNİN ELEKTROKİMYASAL SENTEZİ VE BİYOSENSÖR ÖZELİKLERİNİN İNCELENMESİ, 2011 - 2013

Activities in Scientific Journals

International Journal of Chemistry and Technology, Committee Member, 2018 - Continues

Metrics

Publication: 84

Citation (WoS): 781

Citation (Scopus): 689

H-Index (WoS): 14

H-Index (Scopus): 15

Congress and Symposium Activities

6. Fiziksel Kimya Kongresi, Invited Speaker, Zonguldak, Turkey, 2017

International Workshop on Special Topics on Polymer Composites, Invited Speaker, İzmir, Turkey, 2016

Scholarships

Yurtdışı doktora sonrası araştırma bursu, TUBITAK, 2009 - Continues