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International Researcher IDs

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ScopusID: 55391563600

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Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Analitik Kimya (Dr), Turkey 2011 - 2016

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Kimya (YI) (Tezli), Turkey 2008 - 2010

Undergraduate, Middle East Technical University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 2003 - 2008

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Çeşitli ilaçların tirozinaz inhibisyonundaki rollerini incelemek amaçlı elektrokimyasal nanobiyosensor ve mikroçip tasarımı, Ankara University, Sağlık Bilimleri Enstitüsü, Analitik Kimya (Dr), 2016

Postgraduate, Amperometric microbial and enzymatic biosensors based on conducting polymers, Middle East Technical University, Genel Biyoloji Anabilim Dalı, Kimya (YI) (Tezli), 2010

Research Areas

Pharmacology and Therapeutics, Basic Pharmaceutics Sciences, Analytical Chemistry, Biosensor, Chemistry, Analytical Chemistry, Electromagnetic Methods

Academic Titles / Tasks

Associate Professor, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2021 - Continues

Research Assistant, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2011 - 2021

Academic and Administrative Experience

Uluslararası Tanıtım ve Marka Koordinatörü, Ankara University, Rektörlük, Uluslararası Tanıtım ve Marka Koordinatörlüğü, 2023 - Continues

Courses

Analytical Chemistry, Undergraduate, 2022 - 2023

Electroanalytical Chemistry, Postgraduate, 2022 - 2023

Separation Techniques, Postgraduate, 2022 - 2023

Analitik Validasyon , Undergraduate, 2022 - 2023

Laboratuvar Güvenliği, Undergraduate, 2018 - 2019, 2017 - 2018

Laboratory Safety, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017

Adli Kimya (Teorik), Postgraduate, 2017 - 2018, 2016 - 2017

Analitik Hesaplamalar, Associate Degree, 2017 - 2018

Adli Kimya (Pratik), Postgraduate, 2017 - 2018, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Rapid determination of uracil in biological fluids at mercury thin film electrode for early detection of potential 5-fluorouracil toxicity due to dihydropyrimidine dehydrogenase deficiency**
Ashrafi A. M., Selcuk O., Mukherjee A., Unal D. N., KURBANOĞLU S., USLU B., Jurica J., Pekarkova J., Richtera L., Adam V.
BIOSENSORS & BIOELECTRONICS, vol.262, 2024 (SCI-Expanded)
- II. **Nanostructured Metal Oxide-Based Electrochemical Biosensors in Medical Diagnosis**
Keles G., Sifa Ataman E., Taskin S. B., Polatoglu İ., KURBANOĞLU S.
Biosensors, vol.14, no.5, 2024 (SCI-Expanded)
- III. **Electrochemical Investigations and Molecular Docking Analysis to Evaluate the Molnupiravir-Calf Thymus dsDNA Interaction**
Kucuk I., ÜNAL M. N., Karayel A., KURBANOĞLU S., USLU B.
Journal of the Electrochemical Society, vol.171, no.5, 2024 (SCI-Expanded)
- IV. **A Strep-Tag Imprinted Polymer Platform for Heterogenous Bio(electro)catalysis**
Yarman A., Waffo A. F. T., Katz S., Bernitzky C., Kovács N., Borrero P., Frielingsdorf S., Supala E., Dragelj J., KURBANOĞLU S., et al.
Angewandte Chemie - International Edition, 2024 (SCI-Expanded)
- V. **Enhancing electrochemical sensing through the use of functionalized graphene composites as nanozymes**
Dinu L. A., Kurbanoglu S.
NANOSCALE, vol.15, no.41, pp.16514-16538, 2023 (SCI-Expanded)
- VI. **Decoration of Bi₂O₃NPs-AgNPs-ErGO as a first electrochemical nanosensor for sensitive determination of nelarabine in pharmaceutical dosage form and human serum samples**
Zahirul Kabir M., Erkmén C., Kurbanoglu S., Aydoğdu Tığ G., Uslu B.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.944, 2023 (SCI-Expanded)
- VII. **Novel Approaches to Enzyme-Based Electrochemical Nanobiosensors**
Kilic N. M., Singh S., Keles G., Cinti S., KURBANOĞLU S., ODACI DEMİRKOL D.
BIOSENSORS-BASEL, vol.13, no.6, 2023 (SCI-Expanded)
- VIII. **Characterization of Climbazole-Bovine serum albumin interaction by experimental and in silico approaches**
Kabir M. Z., Tayyab H., Erkmén C., KURBANOĞLU S., Mohamad S. B., USLU B.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.288, 2023 (SCI-Expanded)

- IX. **Elucidating the interaction of antidepressant drug paroxetine with ct-dsDNA: A comparative study by electrochemical, spectroscopic, and molecular docking approaches**
Nimal R., Unal D. N., Erkmen C., KURBANOĞLU S., Siddiq M., EREN G., Shah A., USLU B.
BIOELECTROCHEMISTRY, vol.149, 2023 (SCI-Expanded)
- X. **Recent Trends in Pharmaceuticals and Natural Products Research - Part I**
DOĞAN A., KURBANOĞLU S., Erdem S. A.
Combinatorial Chemistry and High Throughput Screening, vol.26, no.15, pp.2575-2576, 2023 (SCI-Expanded)
- XI. **Electrodeposited copper nanocubes on multi-layer graphene: A novel nanozyme for ultrasensitive dopamine detection from biological samples**
Dinu L. A., KURBANOĞLU S., Romanitan C., Pruneanu S., Serban A. B., Stoian M. C., Pachiu C., Craciun G.
APPLIED SURFACE SCIENCE, vol.604, 2022 (SCI-Expanded)
- XII. **Electrochemical biosensor based on three components random conjugated polymer with fullerene (C60)**
KURBANOĞLU S., Cevher S. C., TOPPARE L. K., ÇIRPAN A., SÖYLEMEZ S.
BIOELECTROCHEMISTRY, vol.147, 2022 (SCI-Expanded)
- XIII. **Understanding electrooxidation mechanism of anticancer drugs utilizing ultrafast pump probe spectroscopy**
KARATAY A., KURBANOĞLU S., Sevinc G., YILDIZ E., HAYVALI M., ÖZKAN S. A., ELMALI A.
Journal of Molecular Structure, vol.1262, 2022 (SCI-Expanded)
- XIV. **Trends in electrochemical nanosensors for the analysis of antioxidants**
Nimal R., Selcuk O., KURBANOĞLU S., Shah A., Siddiq M., USLU B.
TrAC - Trends in Analytical Chemistry, vol.153, 2022 (SCI-Expanded)
- XV. **Evaluation of the Interaction of Cinacalcet with Calf Thymus dsDNA: Use of Electrochemical, Spectrofluorimetric and Molecular Docking Methods**
Erkmen C., Unal D. N., KURBANOĞLU S., EREN G., USLU B.
Biosensors, vol.12, no.5, 2022 (SCI-Expanded)
- XVI. **Phosphodiesterase-3 Enzyme Inhibitor Drug Milrinone Interaction with DNA and HSA: Electrochemical, Spectroscopic and Molecular Docking**
Unal D. N., Erkmen C., Selcuk O., KURBANOĞLU S., EREN G., USLU B.
Journal of the Electrochemical Society, vol.169, no.2, 2022 (SCI-Expanded)
- XVII. **The interaction between dna and three intercalating anthracyclines using electrochemical dna nanobiosensor based on metal nanoparticles modified screen-printed electrode**
KARADURMUŞ L., DOĞAN TOPAL B., KURBANOĞLU S., Shah A., ÖZKAN S. A.
Micromachines, vol.12, no.11, 2021 (SCI-Expanded)
- XVIII. **Current trends and roles of surfactants for chromatographic and electrochemical sensing**
Unal D. N., YILDIRIM S., KURBANOĞLU S., USLU B.
TRAC-TRENDS IN ANALYTICAL CHEMISTRY, vol.144, 2021 (SCI-Expanded)
- XIX. **Electrochemical catechol biosensor based on beta-cyclodextrin capped gold nanoparticles and inhibition effect of ibuprofen**
Kapan B., KURBANOĞLU S., NALBANT ESENTÜRK E., SÖYLEMEZ S., TOPPARE L. K.
PROCESS BIOCHEMISTRY, vol.108, pp.80-89, 2021 (SCI-Expanded)
- XX. **Multi-Purpose electrochemical tyrosinase nanobiosensor based on poly (3,4 ethylenedioxythiophene) nanoparticles decorated graphene quantum dots: Applications to hormone drugs analyses and inhibition studies**
Erkmen C., Demir Y., KURBANOĞLU S., USLU B.
SENSORS AND ACTUATORS B-CHEMICAL, vol.343, 2021 (SCI-Expanded)
- XXI. **Latest trends for biogenic amines detection in foods: Enzymatic biosensors and nanozymes applications**
Ahangari H., KURBANOĞLU S., Ehsani A., USLU B.
TRENDS IN FOOD SCIENCE & TECHNOLOGY, vol.112, pp.75-87, 2021 (SCI-Expanded)
- XXII. **Graphene-Gold Nanoparticles Nanozyme-Based Electrochemical Sensor with Enhanced Laccase-Like**

Activity for Determination of Phenolic Substrates

Gugoasa L. A. D., Pogacean F., KURBANOĞLU S., Tudoran L., Serban A. B., Kacso I., Pruneanu S.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, vol.168, no.6, 2021 (SCI-Expanded)

- XXIII. **Simple and robust: The claims of protein sensing by molecularly imprinted polymers**
Yarman A., KURBANOĞLU S., Zebger I., Scheller F. W.
SENSORS AND ACTUATORS B-CHEMICAL, vol.330, 2021 (SCI-Expanded)
- XXIV. **Revisiting pharmaceutical analysis in the light of new technologies-volume i**
USLU B., KURBANOĞLU S., Ozkan S. A., BOZAL PALABIYIK B.
Current Analytical Chemistry, vol.17, no.8, pp.1062-1063, 2021 (SCI-Expanded)
- XXV. **Electrochemical analysis for pharmaceuticals by the advantages of metal oxide nanomaterials**
BOZAL PALABIYIK B., Erkmén C., KURBANOĞLU S., ÖZKAN S. A., USLU B.
Current Analytical Chemistry, vol.17, no.9, pp.1322-1339, 2021 (SCI-Expanded)
- XXVI. **Revisiting pharmaceutical analysis in the light of new technologies-volume ii**
USLU B., ÖZKAN S. A., KURBANOĞLU S., BOZAL PALABIYIK B.
Current Analytical Chemistry, vol.17, no.9, pp.1213-1214, 2021 (SCI-Expanded)
- XXVII. **Contemporary Issues on Pharmaceutical Researches (Part II)**
Erkmén C., USLU B., KURBANOĞLU S.
COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, vol.24, no.3, pp.327, 2021 (SCI-Expanded)
- XXVIII. **Carbon-based ruthenium nanomaterial-based electroanalytical sensors for the detection of anticancer drug Idarubicin**
Kaya S. I., KURBANOĞLU S., Yavuz E., Mustafafov S. D., ŞEN F., Ozkan S. A.
Scientific Reports, vol.10, no.1, 2020 (SCI-Expanded)
- XXIX. **Au-Pt nanoparticles based molecularly imprinted nanosensor for electrochemical detection of the lipopeptide antibiotic drug Daptomycin**
ÖZÇELİKAY G., KURBANOĞLU S., Yarman A., Scheller F. W., Ozkan S. A.
Sensors and Actuators, B: Chemical, vol.320, 2020 (SCI-Expanded)
- XXX. **Non-enzymatic monitoring of hydrogen peroxide using novel nanosensor based on CoFe₂O₄@CdSeQD magnetic nanocomposite and rifampicin mediator**
Mollarasouli F., KURBANOĞLU S., Asadpour-Zeynali K., Ozkan S. A.
Analytical and Bioanalytical Chemistry, vol.412, no.21, pp.5053-5065, 2020 (SCI-Expanded)
- XXXI. **Fabrication of poly(3,4-ethylenedioxythiophene)-iridium oxide nanocomposite based Tyrosinase biosensor for the dual detection of catechol and azinphos methyl**
Erkmén C., KURBANOĞLU S., USLU B.
SENSORS AND ACTUATORS B-CHEMICAL, vol.316, 2020 (SCI-Expanded)
- XXXII. **Frontiers in electrochemical enzyme based biosensors for food and drug analysis**
KURBANOĞLU S., Erkmén C., USLU B.
TRAC-TRENDS IN ANALYTICAL CHEMISTRY, vol.124, 2020 (SCI-Expanded)
- XXXIII. **Analysis of diterpenes and diterpenoids**
Eksi G., KURBANOĞLU S., ASLAN ERDEM S.
RECENT ADVANCES IN NATURAL PRODUCTS ANALYSIS, pp.313-345, 2020 (SCI-Expanded)
- XXXIV. **GC-MS Based Metabolic Profiling of Parkinson's Disease with Glutathione S-transferase M1 and T1 Polymorphism in Tunisian Patients**
Rebai A., REÇBER T., NEMUTLU E., Chbili C., KURBANOĞLU S., KIR S., Amor S. B., ÖZKAN S. A., Saguem S.
COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, vol.23, no.10, pp.1041-1048, 2020 (SCI-Expanded)
- XXXV. **Chemically modified electrodes in electrochemical drug analysis**
Kaya S. I., Karabulut T. C., KURBANOĞLU S., Ozkan S. A.
Current Pharmaceutical Analysis, vol.16, no.6, pp.641-660, 2020 (SCI-Expanded)
- XXXVI. **Contemporary Issues on Pharmaceutical Researches**
Erkmén C., USLU B., KURBANOĞLU S.
COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, vol.23, no.10, pp.990, 2020 (SCI-Expanded)

- XXXVII. **Preparation of porous Cu metal organic framework/ZnTe nanorods/Au nanoparticles hybrid platform for nonenzymatic determination of catechol**
Mollarasouli F., KURBANOĞLU S., Asadpour-Zeynali K., Ozkan S. A.
Journal of Electroanalytical Chemistry, vol.856, 2020 (SCI-Expanded)
- XXXVIII. **Electrochemical MIP sensor for butyrylcholinesterase**
ÖZÇELİKAY G., KURBANOĞLU S., Zhang X., SÖZ Ç., Wollenberger U., Ozkan S. A., Yarman A., Scheller F. W.
Polymers, vol.11, no.12, 2019 (SCI-Expanded)
- XXXIX. **Highly sensitive carbon-based nanohybrid sensor platform for determination of 5-hydroxytryptamine receptor agonist (Eletriptan)**
Kaya S. I., Demirkan B., Bakirhan N. K., Kuyuldar E., KURBANOĞLU S., Ozkan S. A., Sen F.
Journal of Pharmaceutical and Biomedical Analysis, vol.174, pp.206-213, 2019 (SCI-Expanded)
- XL. **The role of electrochemical immunosensors in clinical analysis**
Mollarasouli F., KURBANOĞLU S., Ozkan S. A.
Biosensors, vol.9, no.3, 2019 (SCI-Expanded)
- XLI. **Modern Assay Techniques for Cancer Drugs: Electroanalytical and Liquid Chromatography Methods**
KURBANOĞLU S., BAKIRHAN N. K., GÜMÜŞTAŞ M., Ozkan S. A.
Critical Reviews in Analytical Chemistry, vol.49, no.4, pp.306-323, 2019 (SCI-Expanded)
- XLII. **Development and in vitro/in vivo evaluation of dihydroergotamine mesylate loaded maltodextrin-pullulan sublingual films**
Esim O., Ozkan C. K., KURBANOĞLU S., Arslan A., TAŞ Ç., Savaser A., Ozkan S. A., Ozkan Y.
Drug Development and Industrial Pharmacy, vol.45, no.6, pp.914-921, 2019 (SCI-Expanded)
- XLIII. **NH₂-Functionalized Multi Walled Carbon Nanotubes Decorated with ZnO Nanoparticles and Graphene Quantum Dots for Sensitive Assay of Pimozide**
Aftab S., KURBANOĞLU S., ÖZÇELİKAY G., Shah A., Ozkan S. A.
Electroanalysis, vol.31, no.6, pp.1083-1094, 2019 (SCI-Expanded)
- XLIV. **Carbon quantum dots co-catalyzed with multiwalled carbon nanotubes and silver nanoparticles modified nanosensor for the electrochemical assay of anti-HIV drug Rilpivirine**
Aftab S., KURBANOĞLU S., ÖZÇELİKAY G., BAKIRHAN N. K., Shah A., ÖZKAN S. A.
SENSORS AND ACTUATORS B-CHEMICAL, vol.285, pp.571-583, 2019 (SCI-Expanded)
- XLV. **Nanomaterials-Based Nanosensors for the Simultaneous Electrochemical Determination of Biologically Important Compounds: Ascorbic Acid, Uric Acid, and Dopamine**
Kaya S. I., KURBANOĞLU S., Ozkan S. A.
Critical Reviews in Analytical Chemistry, vol.49, no.2, pp.101-125, 2019 (SCI-Expanded)
- XLVI. **A novel electrochemical nanosensor based on NH₂-functionalized multi walled carbon nanotubes for the determination of catechol-orto-methyltransferase inhibitor entacapone**
Aftab S., ÖZÇELİKAY G., KURBANOĞLU S., Shah A., Iftikhar F. J., ÖZKAN S. A.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.165, pp.73-81, 2019 (SCI-Expanded)
- XLVII. **Editorial: "Current analytical techniques and applications in pharmaceutical analysis - volume I"**
KURBANOĞLU S., Ozkan S. A.
Current Analytical Chemistry, vol.15, no.3, pp.184-185, 2019 (SCI-Expanded)
- XLVIII. **Nanomaterials for Drug Delivery Systems**
Esim O., KURBANOĞLU S., Savaser A., Ozkan S. A., Ozkan Y.
NEW DEVELOPMENTS IN NANOSENSORS FOR PHARMACEUTICAL ANALYSIS, pp.273-301, 2019 (SCI-Expanded)
- XLIX. **Electrochemical analysis of antipsychotics**
KARADURMUŞ L., Kir D., KURBANOĞLU S., Ozkan S. A.
Current Pharmaceutical Analysis, vol.15, no.5, pp.413-428, 2019 (SCI-Expanded)
- L. **Photoelectrochemical Nanosensors**
Sultan S., Nimal R., KURBANOĞLU S., Shah A., Ozkan S. A.
NEW DEVELOPMENTS IN NANOSENSORS FOR PHARMACEUTICAL ANALYSIS, pp.197-229, 2019 (SCI-Expanded)
- LI. **The Effect of Nanomaterials on the Drug Analysis Performance of Nanosensors**
Kokab T., Munir A., Shah A., KURBANOĞLU S., Zia M. A., Ozkan S. A.

- NEW DEVELOPMENTS IN NANOSENSORS FOR PHARMACEUTICAL ANALYSIS, pp.79-118, 2019 (SCI-Expanded)
- LII. **Molecularly Imprinted Polymer-Based Nanosensors for Pharmaceutical Analysis**
KURBANOĞLU S., Yarman A., Scheller F. W., Ozkan S. A.
NEW DEVELOPMENTS IN NANOSENSORS FOR PHARMACEUTICAL ANALYSIS, pp.231-271, 2019 (SCI-Expanded)
- LIII. **Chemical Nanosensors in Pharmaceutical Analysis**
KURBANOĞLU S., BAKIRHAN N. K., Shah A., Ozkan S. A.
NEW DEVELOPMENTS IN NANOSENSORS FOR PHARMACEUTICAL ANALYSIS, pp.141-170, 2019 (SCI-Expanded)
- LIV. **Current analytical techniques and applications in pharmaceutical analysis-volume ii**
KURBANOĞLU S., Ozkan S. A.
Current Analytical Chemistry, vol.15, no.4, pp.322-323, 2019 (SCI-Expanded)
- LV. **Electrochemical determination of non-steroidal anti-inflammatory drugs**
KARADURMUŞ L., Sahin I. F., KURBANOĞLU S., Ozkan S. A.
Current Analytical Chemistry, vol.15, no.4, pp.485-501, 2019 (SCI-Expanded)
- LVI. **Development and Validation of RP-LC Method for the Simultaneous Determination of Simvastatin and Ezetimibe in Fixed-Dose Combination Tablets and in Rabbit Serum**
KURBANOĞLU S., Esim O., Ozkan C. K., Savaser A., Ozkan Y., ÖZKAN S. A.
CHROMATOGRAPHIA, vol.82, no.1, pp.279-285, 2019 (SCI-Expanded)
- LVII. **Introduction to Nanosensors**
İftikhar F. J., Shah A., Akhter M. S., KURBANOĞLU S., Ozkan S. A.
NEW DEVELOPMENTS IN NANOSENSORS FOR PHARMACEUTICAL ANALYSIS, pp.1-46, 2019 (SCI-Expanded)
- LVIII. **Recent advances on drug analyses using ultra performance liquid chromatographic techniques and their application to the biological samples**
KURBANOĞLU S., Karsavurdan O., Ozkan S. A.
Current Analytical Chemistry, vol.15, no.3, pp.277-293, 2019 (SCI-Expanded)
- LIX. **Recent developments on electrochemical flow injection in pharmaceuticals and biologically important compounds**
KURBANOĞLU S., ÜNAL M. A., ÖZKAN S. A.
ELECTROCHIMICA ACTA, vol.287, pp.135-148, 2018 (SCI-Expanded)
- LX. **MWCNT/CdSe quantum dot modified glassy carbon electrode for the determination of clopidogrel bisulfate in tablet dosage form and serum samples**
ÖZÇELİKAY G., KURBANOĞLU S., BOZAL PALABIYIK B., USLU B., ÖZKAN S. A.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.827, pp.51-57, 2018 (SCI-Expanded)
- LXI. **Amperometric Flow Injection Analysis of Glucose and Galactose Based on Engineered Pyranose 2-Oxidases and Osmium Polymers for Biosensor Applications**
KURBANOĞLU S., Zafar M. N., Tasca F., Aslam I., Spadiut O., Leech D., Haltrich D., Gorton L.
ELECTROANALYSIS, vol.30, no.7, pp.1496-1504, 2018 (SCI-Expanded)
- LXII. **Nanomedicine: An effective tool in cancer therapy**
Aftab S., Shah A., Nadhman A., KURBANOĞLU S., ÖZKAN S. A., Dionysiou D. D., Shukla S. S., Aminabhavi T. M.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.540, no.1-2, pp.132-149, 2018 (SCI-Expanded)
- LXIII. **A Novel Enzymatic Biosensor for the Detection of Catechol Using Multi-walled Carbon Nanotubes and Gold Nanowires**
KURBANOĞLU S., ÖZKAN S. A.
ELECTROCATALYSIS, vol.9, no.2, pp.252-257, 2018 (SCI-Expanded)
- LXIV. **Validation of Analytical Methods for the Assessment of Hazards in Food**
KURBANOĞLU S., USLU B., ÖZKAN S. A.
FOOD SAFETY AND PRESERVATION: MODERN BIOLOGICAL APPROACHES TO IMPROVING CONSUMER HEALTH, pp.59-90, 2018 (SCI-Expanded)
- LXV. **Electrochemical carbon based nanosensors: A promising tool in pharmaceutical and biomedical analysis**
KURBANOĞLU S., ÖZKAN S. A.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.147, pp.439-457, 2018 (SCI-Expanded)

- LXVI. **A novel core-shell-based chromatographic method supported by ratio derivative spectrophotometry for the simultaneous determination of perindopril, indapamide, and amlodipine ternary mixtures**
 KARADURMUŞ L., GÜMÜŞTAŞ M., KURBANOĞLU S., USLU B., ÖZKAN S. A.
 TURKISH JOURNAL OF CHEMISTRY, vol.42, no.5, pp.1408-1419, 2018 (SCI-Expanded)
- LXVII. **Electrochemical MIP-Sensors for Drugs**
 YARMAN A., KURBANOĞLU S., Jetzschmann K. J., ÖZKAN S. A., Wollenberger U., Scheller F. W.
 CURRENT MEDICINAL CHEMISTRY, vol.25, no.33, pp.4007-4019, 2018 (SCI-Expanded)
- LXVIII. **Development of assay for determination of eletriptan hydrobromide in loaded PLGA nanoparticles**
 Esim O., Savaser A., KURBANOĞLU S., Ozkan C. K., ÖZKAN S. A., Ozkan Y.
 JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.142, pp.74-83, 2017 (SCI-Expanded)
- LXIX. **DIFFERENTIAL PULSE VOLTAMMETRIC DETERMINATION OF ROSUVASTATIN VIA GLASSY CARBON ELECTRODE**
 KARADURMUŞ L., KURBANOĞLU S., USLU B., ÖZKAN S. A.
 REVUE ROUMAINE DE CHIMIE, vol.62, no.6-7, pp.579-586, 2017 (SCI-Expanded)
- LXX. **DETERMINATION OF DIHYDROERGOTAMINE VIA LC METHOD COUPLED WITH FLUORESCENCE DETECTION IN PHARMACEUTICAL FILM PREPARATIONS**
 KURBANOĞLU S., Esim O., Ozkan C. K., Savaser A., Ozkan Y., ÖZKAN S. A.
 REVUE ROUMAINE DE CHIMIE, vol.62, no.6-7, pp.517-523, 2017 (SCI-Expanded)
- LXXI. **Nanomaterials-based enzyme electrochemical biosensors operating through inhibition for biosensing applications**
 KURBANOĞLU S., ÖZKAN S. A., Merkoci A.
 BIOSENSORS & BIOELECTRONICS, vol.89, pp.886-898, 2017 (SCI-Expanded)
- LXXII. **Electrochemically reduced graphene and iridium oxide nanoparticles for inhibition-based angiotensin-converting enzyme inhibitor detection**
 KURBANOĞLU S., Rivas L., ÖZKAN S. A., Merkoci A.
 BIOSENSORS & BIOELECTRONICS, vol.88, pp.122-129, 2017 (SCI-Expanded)
- LXXIII. **Electrochemical DNA Biosensors in Drug Analysis**
 KARADURMUŞ L., KURBANOĞLU S., USLU B., ÖZKAN S. A.
 CURRENT PHARMACEUTICAL ANALYSIS, vol.13, no.3, pp.195-207, 2017 (SCI-Expanded)
- LXXIV. **CARBON-BASED NANOSTRUCTURES FOR ELECTROCHEMICAL ANALYSIS OF ORAL MEDICINES**
 KURBANOĞLU S., USLU B., ÖZKAN S. A.
 NANOSTRUCTURES FOR ORAL MEDICINE, pp.885-938, 2017 (SCI-Expanded)
- LXXV. **Diffusion, Adsorption and Electrode Kinetics of Electro-oxidations on a Stationary Solid Electrode**
 BOZAL PALABIYIK B., KURBANOĞLU S., USLU B., ÖZKAN S. A., Zuman P.
 ELECTROANALYSIS, vol.28, no.12, pp.2947-2955, 2016 (SCI-Expanded)
- LXXVI. **Simultaneous Determination and Drug Dissolution Testing of Combined Amlodipine Tablet Formulations Using RP-LC**
 Ozkan C. K., KURBANOĞLU S., Esim O., Savaser A., ÖZKAN S. A., Ozkan Y.
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- XXVIII. **A novel molecularly imprinted electrochemical sensor based on PtNPs-AuNPs surface for the rapid determination of lipopeptide antibiotic daptomycin**
ÖZÇELİKAY AKYILDIZ G., KURBANOĞLU S., YARMAN A., Scheller F., ÖZKAN S. A.

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- XXIX. **Electrochemical investigation of anticancer drug Gemcitabine with calf thymus DNA**
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- XXX. **Electrochemical Investigation of Entacapone Using NH₂ Functionalized Multiwalled Carbon Nanotubes Modified Nanosensor**
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- XXXI. **Design of electrochemical DNA based nanobiosensor for the interaction of anticancer drugs with DNA**
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- XXXII. **Molecularly imprinted polymer based nanosensor on AuPt surface for the selective and sensitive electrochemical assay of antimicrobial Daptomycin**
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- XXXIII. **Design of An Electrochemical Nanosensor For The Determination Of Antimigraine Drug**
Kaya S. I., Demirkan B., KURBANOĞLU S., Aygun A., ŞEN F., ÖZKAN S. A.

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- XXXIV. **The Journey of Immobilization Platforms for Electrochemical Enzyme Based Biosensors and Their Applications**
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- XXXV. **Electrochemical Nanosensor For The Electrochemical Interaction Of Idarubicin With Dna**
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- XXXVI. **EFFECT OF POLYMER TYPE AND CONCENTRATION ON CHARACTERISTICS OF DIHYDROERGOTAMINE MESYLATE SUBLING FILMS**
KÖSE ÖZKAN C., EŞİM Ö., KURBANOĞLU S., SAVAŞER A., TAŞ Ç., ARSLAN A., ÖZKAN S. A., ÖZKAN Y.

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- XXXVII. **Comparison Between Liquid Chromatography And Ratio Derivative Spectrophotometry For The**

- Simultaneous Determination of Perindopril, Indapamide, and Amlodipine Ternary Mixtures**
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- XXXVIII. **Electrochemical Investigation Of Eletriptan Using Go/Pt/Ir Based Nanosensor**
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- XXXIX. **Gold Nanoparticles Modified Screen Printed Electrode For Sensitive Detection/Enhanced Sensing Of Anticancer Drug Irinotecan-DNA Interaction**
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- XL. **A novel DNA nanobiosensor based on graphene oxide decorated with gold nanoparticles for the detection of DNA interaction with anticancer drug**
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- XLV. **Molecularly Imprinted Electrochemical Sensor For The Determination of Lipopeptide Antibiotic Drug Daptomycin**
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- L. **ELETRIPTAN HYDROBROMIDE-PLGA NANOPARTICLES: EFFECTOF FORMULATION VARIABLES ON SIZE DISTRIBUTION**
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- LI. **Electrochemical nanobiosensor for the detection of catechol**
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- LII. **ELECTROCHEMICAL ANALYSIS OF ANTICANCER DAUNORUBICIN USING MULTIWALLED CARBON NANOTUBE MODIFIED EDGE PLANE CARBON ELECTRODE**
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- LIII. **Determination of Indomethacin in Ethyl Cellulose Nanoparticles by High Performance Liquid Chromatography**
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- LV. **Tyrosinase Immobilization In Multi Walled Carbon Nanotube And Gold Nanowires Matrice For Catechol Detection**
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- LXIV. **Electrochemical Determination Of Rosuvastatine And Ezetimibe From Human Serum And Urine**
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Citation (WoS): 1625

Citation (Scopus): 2396

H-Index (WoS): 22

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Awards

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Kurbanoğlu S., Bilim Akademisi Genç Bilim İnsanları Ödül Programı (BAGEP 2024), Bilim Akademisi Derneği, April 2024

Kurbanoğlu S., Ankara Üniversitesi Eczacılık Fakültesi Araştırma Performans 3.lük Ödülü, Ankara Üniversitesi, January 2023

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