

## Prof. Dr. NEVİN ERK

### Kişisel Bilgiler

**Diğer E-posta:** erk@pharmacy.ankara.edu.tr

**Web:** <https://avesis.ankara.edu.tr/erk>

### Uluslararası Araştırmacı ID'leri

ORCID: 0000-0001-5366-9275

ScopusID: 55957385100

Yoksis Araştırmacı ID: 4217

### Eğitim Bilgileri

Doktora, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Analitik Kimya (Dr), Türkiye 1988 - 1993

Yüksek Lisans, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Analitik Kimya (YI) (Tezli), Türkiye 1986 - 1988

Lisans, Ankara Üniversitesi, Eczacılık Fakültesi, Eczacılık Pr., Türkiye 1981 - 1985

### Yabancı Diller

İngilizce, B2 Orta Üstü

### Yaptığı Tezler

Doktora, Analjin (Novaljin) içeren farmasötik preparatlardaki etken maddelerin spektrofotometrik yöntemlerle miktar tayinleri, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Analitik Kimya (Dr), 1993

Yüksek Lisans, Efedrin hidroklorür için uygulanan spektrofotometrik tayin yöntemlerinin karşılaştırılması ve Türkiye'xxdeki farmasötik preparatlara uygulanması, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Analitik Kimya (YI) (Tezli), 1988

### Araştırma Alanları

Sağlık Bilimleri

### Akademik Unvanlar / Görevler

Prof. Dr., Ankara Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2002 - Devam Ediyor

Doç. Dr., Ankara Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 1996 - 2002

Araştırma Görevlisi, Ankara Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 1987 - 1996

### Akademik İdari Deneyim

Anabilim/Bilim Dalı Başkanı, Ankara Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2021 - Devam Ediyor

## Yönetilen Tezler

- ERK N., Amlodipin içeren farmasötik preparatlarda etken maddelerin yeni spektrofotometrik yöntemlerle analizi, Doktora, G.TIRIS(Öğrenci), 2021
- ERK N., Bazı antidiyabetik ilaç etken maddelerinin tayini için MOS2 temelli elektrokimyasal sensörlerin geliştirilmesi, Doktora, A.KEMAL(Öğrenci), 2021
- Erk N., Bazı antineoplastik ilaçların miktar tayinine yönelik iki boyutlu nanomateryal temelli elektrokimyasal sensörlerin tasarımı, Doktora, E.ER(Öğrenci), 2020
- ERK N., Rasajilin ve pramipeksol içeren farmasötik dozaj formlarında etken maddelerin spektrofotometrik ve YPSK metodları ile miktar tayini, Doktora, S.SEVİM(Öğrenci), 2019
- Erk N., Ebastin' in Spektrofotometrik Yöntemle Miktar Tayini, Yüksek Lisans, N.DEMİRKOL(Öğrenci), 2016
- ERK N., Vortiksetin içeren farmasötik preparatlarda spektrofotometrik ve kromatografik yöntemlerle miktar tayinleri, Yüksek Lisans, C.ALVER(Öğrenci), 2016
- ERK N., Olopatadin HCl içeren farmasötik preparatlarda analiz yöntemleri, Yüksek Lisans, B.TOKER(Öğrenci), 2014
- Erk N., Farmasötik Preparatlarda Metformin' in Spektrofotometrik Yöntemlerle Miktar Tayini, Yüksek Lisans, T.İNCE(Öğrenci), 2012
- Erk N., Farmasötik Preparatlarda Gabapentin'in Spektrofotometrik Yöntemlerle Miktar Tayini, Yüksek Lisans, C.Cem(Öğrenci), 2012
- Erk N., Eprosartan ve Hidroklorotiazit'in Tabletlerde Türev Spektrofotometri ile Miktar Tayini, Yüksek Lisans, N.UYGUNER(Öğrenci), 2010
- Erk N., Bisoprolol fumarat ve hidroklorotiazit'in aynı anda spektrofotometrik yöntemler kullanılarak miktar tayini, Yüksek Lisans, G.ÖZCAN(Öğrenci), 2010
- Erk N., Atorvastatin ve Amlodipin İçeren Farmasötik Preparatlarda Etken Madde Miktar Tayinleri için Spektrofotometrik Yöntemler, Yüksek Lisans, E.DAŞTAN(Öğrenci), 2008
- ERK N., Risperidon içeren preparatlarda kantitatif analiz yöntemleri, Yüksek Lisans, E.ÇİLOĞLU(Öğrenci), 2008
- Erk N., Telmisartan İçeren Preparatlarda Spektrofotometrik Analizler, Yüksek Lisans, E.Kıvanç(Öğrenci), 2006
- ERK N., Moeksipril hidroklorür içeren farmasötik preparatlarda etkin madde miktar tayini için spektrofotometrik yöntemler, Yüksek Lisans, T.AVŞAR(Öğrenci), 2006
- ERK N., Rizatriptan ve zolmitriptan içeren preparatlardaki etkin madde miktar tayinleri, Yüksek Lisans, E.ÇİÇEK(Öğrenci), 2006
- Erk N., İlaç Analizi İçin Gereken Bilgilerin Temininde Web Sitelerinden Yararlanılması., Yüksek Lisans, N.Yavuz(Öğrenci), 2005

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Development of a green high-performance liquid chromatography method for tofacitinib quantification in pharmaceutical formulations and degradation studies**  
TIRIS G., Genc A. A., ERK N.  
BIOMEDICAL CHROMATOGRAPHY, cilt.38, sa.7, 2024 (SCI-Expanded)
- II. **Synthesis of cobalt selenide composite material: A novel platform of the electrochemical sensor for sensitive determination of Upadacitinib**  
Genc A. A., Bouali W., Buğday N., YAŞAR S., ERK N.  
Electrochimica Acta, cilt.487, 2024 (SCI-Expanded)
- III. **Electrochemical Detection of Melphalan in Biological Fluids Using a g-C3N4@ND-COOH@MoSe2 Modified Electrode Complemented by Molecular Docking Studies with Cellular Tumor Antigen P53**  
ERK N., KURTAY G., Bouali W., Sakal Z. G., Genc A. A., Erbaş Z., SOYLAK M.  
ACS Omega, cilt.9, sa.19, ss.21058-21070, 2024 (SCI-Expanded)

- IV. **Maximizing detection sensitivity of levofloxacin and tryptophan in dairy products: a carbon-based electrochemical sensor incorporating Ti<sub>3</sub>AlC<sub>2</sub> MAX phase and activated nanodiamonds**  
Kholafazadehastamal G., Khan M., SOYLAK M., ERK N.  
Carbon Letters, cilt.34, sa.3, ss.929-940, 2024 (SCI-Expanded)
- V. **Pioneering electrochemical detection unveils erdafitinib: a breakthrough in anticancer agent determination**  
Yildir M. H., Genc A. A., ERK N., Bouali W., Bugday N., YAŞAR S., Duygulu O.  
MICROCHIMICA ACTA, cilt.191, sa.4, 2024 (SCI-Expanded)
- VI. **Simultaneous analysis of sacubitril and valsartan by novel analytical methods with green approach**  
TIRIS G., Ayse Genc A., ERK N.  
Microchemical Journal, cilt.199, 2024 (SCI-Expanded)
- VII. **Development of a Cr<sub>2</sub>AlC MAX phase/g-C<sub>3</sub>N<sub>4</sub> composite-based electrochemical sensor for accurate cabotegravir determination in pharmaceutical and biological samples**  
Bouali W., Genc A. A., ERK N., Kaya G., Sert B., Ocakoglu K.  
Microchimica Acta, cilt.191, sa.3, 2024 (SCI-Expanded)
- VIII. **A low-cost voltammetric sensor based on multi-walled carbon nanotubes for highly sensitive and accurate determination of nanomolar levels of the anticancer drug Ribociclib in bulk and biological fluids**  
Bouali W., ERK N., Genc A. A.  
ANALYTICAL METHODS, cilt.16, sa.11, ss.1623-1630, 2024 (SCI-Expanded)
- IX. **Fabrication of ZnO-doped reduce graphene oxide-based electrochemical sensor for the determination of 2,4,6-trichlorophenol from aqueous environment**  
Nawaz M., Shaikh H., Buledi J. A. A., Solangi A. R. R., KARAMAN C., ERK N., Darabi R., Camarada M. B. B.  
CARBON LETTERS, cilt.34, sa.1, ss.201-214, 2024 (SCI-Expanded)
- X. **An Ultrasensitive Electrochemical Sensor Using Banana Peel Activated Carbon/NiFe<sub>2</sub>O<sub>4</sub>/MnCoFe-LDH Nanocomposites for Anticancer Drug Determination**  
ERK N., Bouali W., Genc A. A., SALAMAT Q., SOYLAK M.  
ACS Omega, 2024 (SCI-Expanded)
- XI. **Redefining precision in cancer Treatment: A novel electrochemical approach using bimetal oxide composites for Niraparib quantification**  
Yildir M. H., KURTAY G., Bouali W., Genc A. A., ERK N.  
MICROCHEMICAL JOURNAL, cilt.196, 2024 (SCI-Expanded)
- XII. **A DNA biosensor strategy in monitoring of Vinorelbine breast cancer drug using catalytic effect of Pt-Pd-ZnO/SWCNTs**  
Karimi-Maleh H., ERK N.  
Environmental Research, cilt.239, 2023 (SCI-Expanded)
- XIII. **Smart and sensitive nanomaterial-based electrochemical sensor for the determination of a poly (ADP-ribose) polymerase (PARP) inhibitor anticancer agent**  
ERK N., Vural O., Bouali W., Genc A. A., Gnanasekaran L., Karimi-Maleh H.  
ENVIRONMENTAL RESEARCH, cilt.238, 2023 (SCI-Expanded)
- XIV. **Nanodiamond (ND)-Based ND@CuAl<sub>2</sub>O<sub>4</sub>@Fe<sub>3</sub>O<sub>4</sub> electrochemical sensor for Tofacitinib detection: A unified approach to integrate experimental data with DFT and molecular docking**  
Bouali W., KURTAY G., Genc A. A., Ahmed H. E. H., Soylak M., ERK N., Karimi-Maleh H.  
ENVIRONMENTAL RESEARCH, cilt.238, 2023 (SCI-Expanded)
- XV. **Development of an electrochemical biosensor for the detection of mammary gland carcinoma using molybdenum enhanced poly taurine nano-biofilms confirmed pathological findings**  
Nasrollahpour H., Khalilzadeh B., Rahbarghazi R., ERK N., Rashidi M., Naseri A.  
CANCER NANOTECHNOLOGY, cilt.14, sa.1, 2023 (SCI-Expanded)
- XVI. **A new and powerful electrochemical sensing platform based on MWCNTs@Fe<sub>3</sub>O<sub>4</sub>@CuAl<sub>2</sub>O<sub>4</sub> for the determination of the anticancer agent Alpelisib in bulk and biological fluids**  
Bouali W., ERK N., Genc A. A., AHMED H. E. H., SOYLAK M.

Microchemical Journal, cilt.195, 2023 (SCI-Expanded)

- XVII. **Application of advanced environmentally benign assessment tools in determining ternary cardiovascular drug combination by RP-HPLC with analytical quality by design: Application to stability indicating method evaluation**  
Kannaiah K. P., Chanduluru H. K., Obaydo R. H., Lotfy H. M., ERK N., Krishnan M., El Hamd M. A.  
Sustainable Chemistry and Pharmacy, cilt.35, 2023 (SCI-Expanded)
- XVIII. **A green approach for the analysis of emtricitabine bictegravir and tenofovir in a pharmaceutical preparation using novel HPLC and spectrophotometric methods**  
TIRIS G., Genc A. A., Oven E., ERK N.  
Biomedical Chromatography, cilt.37, sa.10, 2023 (SCI-Expanded)
- XIX. **A novel and reusable sensing platform for electrochemical detection of norepinephrine based on nitrogen-doped porous carbon anchored CoFe<sub>2</sub>O<sub>4</sub>@NiO nanocomposite**  
Mostafazadeh R., Hamidian Y., ERK N., Dragoi E. N.  
Carbon Letters, cilt.33, sa.6, ss.1827-1837, 2023 (SCI-Expanded)
- XX. **Green and accurate analytical method for monitoring atropine in foodstuffs as a contaminant and in pharmaceutical samples**  
Hamidian Y., Mostafazadeh R., ERK N., KARAMAN C., Camarada M. B., Dragoi E.  
Journal of Food Measurement and Characterization, cilt.17, sa.5, ss.4870-4880, 2023 (SCI-Expanded)
- XXI. **Lamellar alpha-Zirconium Phosphate Nanoparticles Supported on N-Doped Graphene Nanosheets as Electrocatalysts for the Detection of Levofloxacin**  
Li G., Wan X., Xia Y., Tuo D., Qi X., Wang T., Mehmandoust M., ERK N., He Q., Li Q.  
ACS APPLIED NANO MATERIALS, cilt.6, sa.18, ss.17040-17052, 2023 (SCI-Expanded)
- XXII. **Gemcitabine drug intercalation with ds-DNA at surface of ds-DNA/Pt-ZnO/SWCNTs/GCE biosensor: A DNA-biosensor for gemcitabine monitoring confirmed by molecular docking study**  
Karimi-Maleh H., ERK N.  
Chemosphere, cilt.336, 2023 (SCI-Expanded)
- XXIII. **Construction of a novel sensor based on activated nanodiamonds, zinc oxide, and silver nanoparticles for the determination of a selective inhibitor of cyclic guanosine monophosphate in real biological and food samples**  
Bouali W., ERK N., ÖZALP Ö., SOYLAK M.  
Diamond and Related Materials, cilt.137, 2023 (SCI-Expanded)
- XXIV. **Modeling of adsorptive removal of azithromycin from aquatic media by CoFe<sub>2</sub>O<sub>4</sub>/NiO anchored microalgae-derived nitrogen-doped porous activated carbon adsorbent and colorimetric quantifying of azithromycin in pharmaceutical products**  
Ameen F., Mostafazadeh R., Hamidian Y., ERK N., Sanati A. L., KARAMAN C., Ayati A.  
Chemosphere, cilt.329, 2023 (SCI-Expanded)
- XXV. **Green synthesis of Au@g-C<sub>3</sub>N<sub>4</sub> nanocomposite using Hyssopus officinalis extract and its sensing application for vortioxetine determination**  
Khoshnavaz Y., Erk E. E., Li G., Mehmandoust M., ERK N.  
Environmental Science and Pollution Research, cilt.30, sa.33, ss.80085-80093, 2023 (SCI-Expanded)
- XXVI. **A novel atropine electrochemical sensor based on silver nano particle-coated Spirulina platensis multicellular blue-green microalga**  
Ameen F., Hamidian Y., Mostafazadeh R., Darabi R., ERK N., Islam M. A., Orfali R.  
Chemosphere, cilt.324, 2023 (SCI-Expanded)
- XXVII. **Biomass-Derived Carbon Materials as an Emerging Platform for Advanced Electrochemical Sensors: Recent Advances and Future Perspectives**  
Mehmandoust M., Li G., ERK N.  
Industrial and Engineering Chemistry Research, cilt.62, sa.11, ss.4628-4635, 2023 (SCI-Expanded)
- XXVIII. **An electrochemical sensing platform with a molecularly imprinted polymer based on chitosan-stabilized metal@metal-organic frameworks for topotecan detection**  
Mehmandoust M., TIRIS G., Pourhakkak P., ERK N., SOYLAK M., Kanberoğlu G., Zahmakiran M.

Mikrochimica acta, cilt.190, sa.4, ss.142, 2023 (SCI-Expanded)

- XXIX. **Algae extract delamination of molybdenum disulfide and surface modification with glycidyl methacrylate and polyaniline for the elimination of metal ions from wastewater**  
Raza S., Hameed M. U., Ghasali E., Hayat A., Orooji Y., Lin H., KARAMAN C., Karimi F., ERK N.  
Environmental Research, cilt.221, 2023 (SCI-Expanded)
- XXX. **Advances in technology and utilization of natural resources for achieving carbon neutrality and a sustainable solution to neutral environment**  
Raza S., Ghasali E., Raza M., Chen C., Li B., Orooji Y., Lin H., KARAMAN C., Karimi Maleh H., ERK N.  
Environmental Research, cilt.220, 2023 (SCI-Expanded)
- XXXI. **Metal-Organic Framework Based Electrochemical Immunosensor for Label-Free Detection of Glial Fibrillary Acidic Protein as a Biomarker**  
Mehmandoust M., Erk E. E., Soylak M., ERK N., Karimi F.  
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, cilt.62, sa.11, ss.4532-4539, 2023 (SCI-Expanded)
- XXXII. **Molecularly imprinted polymer film loaded on the metal-organic framework with improved performance using stabilized gold-doped graphite carbon nitride nanosheets for the single-step detection of Fenamiphos**  
Mehmandoust M., ERK N., Naser M., Soylak M.  
FOOD CHEMISTRY, cilt.404, 2023 (SCI-Expanded)
- XXXIII. **Mechanism of methanol decomposition on the Cu-Embedded graphene: A DFT study**  
Akça A., KARAMAN O., Karimi-Maleh H., Karimi F., KARAMAN C., Atar N., Yola M. L., ERK N.  
International Journal of Hydrogen Energy, cilt.48, sa.17, ss.6624-6637, 2023 (SCI-Expanded)
- XXXIV. **Two dimensional (2D) materials and biomaterials for water desalination; structure, properties, and recent advances**  
Raza S., Ghasali E., Orooji Y., Lin H., KARAMAN C., Dragoi E. N., ERK N.  
Environmental Research, cilt.219, 2023 (SCI-Expanded)
- XXXV. **Innovative molecularly imprinted electrochemical sensor for the nanomolar detection of Tenofovir as an anti-HIV drug**  
Mehmandoust M., Soylak M., ERK N.  
TALANTA, cilt.253, 2023 (SCI-Expanded)
- XXXVI. **Electrochemical Biosensors as a Novel Platform in the Identification of Listeriosis Infection**  
Mehrannia L., Khalilzadeh B., Rahbarghazi R., Milani M., Saydan Kanberoglu G., Yousefi H., ERK N.  
Biosensors, cilt.13, sa.2, 2023 (SCI-Expanded)
- XXXVII. **Low-cost voltammetric sensor based on reduced graphene oxide anchored on platinum nanoparticles for robust determination of Favipiravir in real samples**  
Bouali W., ERK N., Kholafazadehastamal G., Naser M., TIRIS G.  
Diamond and Related Materials, cilt.131, 2023 (SCI-Expanded)
- XXXVIII. **Carbon-based photocatalysts for hydrogen production: A review**  
Li Z., Li K., Du P., Mehmandoust M., Karimi F., ERK N.  
CHEMOSPHERE, cilt.308, 2022 (SCI-Expanded)
- XXXIX. **An Electrochemical Sensor for Molnupiravir Based on a Metal-Organic Framework Compositd with Poly(3,4-ethylene dioxythiophene): Poly(styrene sulfonate)**  
ERK N., Bouali W., Mehmandoust M., Soylak M.  
CHEMISTRYSELECT, cilt.7, sa.46, 2022 (SCI-Expanded)
- XL. **Electrochemical biosensors for stem cell analysis; applications in diagnostics, differentiation and follow-up**  
Nasrollahpour H., Khalilzadeh B., Naseri A., Youse H., ERK N., Rahbarghazi R.  
TRAC-TRENDS IN ANALYTICAL CHEMISTRY, cilt.156, 2022 (SCI-Expanded)
- XLI. **A novel 2-dimensional nanocomposite as a mediator for the determination of doxorubicin in biological samples**  
Mehmandoust M., Khosnavaz Y., Karimi F., ÇAKAR S., ÖZACAR M., ERK N.  
ENVIRONMENTAL RESEARCH, cilt.213, 2022 (SCI-Expanded)

- XLII. **Determination of active ingredients in antihypertensive drugs using a novel green HPLC method approach**  
TIRIS G., Mehmandoust A., Karimi F., ERK N.  
CHEMOSPHERE, cilt.303, 2022 (SCI-Expanded)
- XLIII. **Electrochemical Sensing of Favipiravir with an Innovative Water-Dispersible Molecularly Imprinted Polymer Based on the Bimetallic Metal-Organic Framework: Comparison of Morphological Effects**  
ERK N., Mehmandoust M., Soylak M.  
BIOSENSORS-BASEL, cilt.12, sa.9, 2022 (SCI-Expanded)
- XLIV. **A reusable and sensitive electrochemical sensor for determination of idarubicin in environmental and biological samples based on NiFe<sub>2</sub>O<sub>4</sub> nanospheres anchored N-doped graphene quantum dots composite; an electrochemical and molecular docking investigation**  
Mehmandoust M., Pourhakkak P., TIRIS G., Karimi-Maleh H., ERK N.  
ENVIRONMENTAL RESEARCH, cilt.212, 2022 (SCI-Expanded)
- XLV. **Simultaneous determination of hydrochlorothiazide, amlodipine, and telmisartan with spectrophotometric and HPLC green chemistry applications**  
TIRIS G., Mehmandoust M., Lotfy H. M., ERK N., Joo S., Dragoi E., Vasseghian Y.  
CHEMOSPHERE, cilt.303, 2022 (SCI-Expanded)
- XLVI. **A zinc oxide nanorods/molybdenum disulfide nanosheets hybrid as a sensitive and reusable electrochemical sensor for determination of anti-retroviral agent indinavir**  
Mehmandoust M., Karimi F., ERK N.  
CHEMOSPHERE, cilt.300, 2022 (SCI-Expanded)
- XLVII. **The Determination of Timolol Maleate Using Silver/Tannic Acid/Titanium Oxide Nanocomposite as an Electrochemical Sensor in Real Samples**  
Mehmandoust M., ÇAKAR S., ÖZACAR M., ERK N.  
ELECTROANALYSIS, cilt.34, sa.7, ss.1150-1162, 2022 (SCI-Expanded)
- XLVIII. **A reusable and sensitive electrochemical sensor for determination of Allura red in the presence of Tartrazine based on functionalized nanodiamond@SiO<sub>2</sub>@TiO<sub>2</sub>; an electrochemical and molecular docking investigation**  
Mehmandoust M., Pourhakkak P., Hasannia F., ÖZALP Ö., SOYLAK M., ERK N.  
FOOD AND CHEMICAL TOXICOLOGY, cilt.164, 2022 (SCI-Expanded)
- XLIX. **Cerium functionalized graphene nano-structures and their applications; A review**  
Nemati F., Rezaie M., Tabesh H., Eid K., Xu G., Ganjali M. R., Hosseini M., KARAMAN C., ERK N., Show P., et al.  
Environmental Research, cilt.208, 2022 (SCI-Expanded)
- L. **The power of High Impact Amplitude Manipulation (HIAM) technique for extracting the basic spectra of two Fixed-dose combinations (FDC) - Spectrophotometric purity analysis via spectral contrast angle**  
Saleh S. S. S., Lotfy H. M. M., TIRIS G., ERK N., El-Naem O. A. A.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.273, 2022 (SCI-Expanded)
- LI. **Electrochemical immunosensor for rapid and highly sensitive detection of SARS-CoV-2 antigen in the nasal sample**  
Mehmandoust M., GÜMÜŞ Z. P., SOYLAK M., ERK N.  
Talanta, cilt.240, 2022 (SCI-Expanded)
- LII. **Electrochemical Sensor for Facile and Highly Selective Determination of Antineoplastic Agent in Real Samples Using Glassy Carbon Electrode Modified by 2D-MoS<sub>2</sub> NFs/TiO<sub>2</sub> NPs**  
Mehmandoust M., ÇAKAR S., ÖZACAR M., Salmanpour S., ERK N.  
TOPICS IN CATALYSIS, cilt.65, sa.5-6, ss.564-576, 2022 (SCI-Expanded)
- LIII. **An electrochemical molecularly imprinted sensor based on CuBi<sub>2</sub>O<sub>4</sub>/rGO@MoS<sub>2</sub> nanocomposite and its utilization for highly selective and sensitive for linagliptin assay**  
Mehmandoust M., ERK N., KARAMAN C., KARAMAN O.  
Chemosphere, cilt.291, 2022 (SCI-Expanded)

- LIV. **Dual-response electrochemical electrode for sensitive monitoring of topotecan and mitomycin as anticancer drugs in real samples**  
Mehmandoust M., UZCAN F., SOYLAK M., ERK N.  
Chemosphere, cilt.291, 2022 (SCI-Expanded)
- LV. **Novel enzymatic graphene oxide based biosensor for the detection of glutathione in biological body fluids**  
Cheraghi S., Taher M. A., Karimi-Maleh H., Karimi F., Shabani-Nooshabadi M., Alizadeh M., Al-Othman A., ERK N., Raman P. K. Y., KARAMAN C.  
CHEMOSPHERE, cilt.287, 2022 (SCI-Expanded)
- LVI. **Voltammetric carbon nanotubes based sensor for determination of tryptophan in the milk sample**  
Mehmandoust M., ERK N., Alizadeh M., Salmanpour S.  
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, cilt.15, sa.6, ss.5288-5295, 2021 (SCI-Expanded)
- LVII. **Voltammetric sensor based on bimetallic nanocomposite for determination of favipiravir as an antiviral drug**  
Mehmandoust M., Khoshnavaz Y., Tuzen M., ERK N.  
MICROCHIMICA ACTA, cilt.188, sa.12, 2021 (SCI-Expanded)
- LVIII. **Three-dimensional porous reduced graphene oxide decorated with carbon quantum dots and platinum nanoparticles for highly selective determination of azo dye compound tartrazine**  
Mehmandoust M., ERK N., KARAMAN O., Karimi F., Bijad M., KARAMAN C.  
FOOD AND CHEMICAL TOXICOLOGY, cilt.158, 2021 (SCI-Expanded)
- LIX. **A glassy carbon electrode modified based on molybdenum disulfide for determination of folic acid in the real samples**  
Alizadeh M., Mehmandoust M., Nodrat O., Salmanpour S., ERK N.  
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, cilt.15, sa.6, ss.5622-5629, 2021 (SCI-Expanded)
- LX. **Sensitive and selective electrochemical detection of epirubicin as anticancer drug based on nickel ferrite decorated with gold nanoparticles**  
Mehmandoust M., ERK N., KARAMAN C., Karimi F., Salmanpour S.  
Micromachines, cilt.12, sa.11, 2021 (SCI-Expanded)
- LXI. **Voltammetric determination of linagliptin in bulk and plasma sample using an electrochemical sensor based on L-cysteine modified 1T-MoS<sub>2</sub> nanosheets**  
Ates A. K., ÇELİKKAN H., ERK N.  
MICROCHEMICAL JOURNAL, cilt.167, 2021 (SCI-Expanded)
- LXII. **A novel biosensor based on graphene/platinum nanoparticles/Nafion composites for determination of glucose**  
Ozbek M. A., Yaşar A., Çete S., Er E., Erk N.  
JOURNAL OF SOLID STATE ELECTROCHEMISTRY, cilt.25, sa.5, ss.1601-1610, 2021 (SCI-Expanded)
- LXIII. **Trade-off efficacy and data processing strategy in the power of spectral resolution of co-formulated antihypertensive pharmaceuticals**  
Rostom Y., Lotfy H. M., Ozturk M., TIRIS G., ERK N., Saleh S. S.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.247, 2021 (SCI-Expanded)
- LXIV. **An Electrochemical Nanosensor Using a Screen-Printed Electrode Modified with 1T-MoS<sub>2</sub>/Nafion for Determination of Renin Inhibitor Aliskiren**  
ER E., ERK N.  
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, cilt.168, sa.1, 2021 (SCI-Expanded)
- LXV. **Analytical tools for greenness assessment of chromatographic approaches: Application to pharmaceutical combinations of Indapamide, Perindopril and Amlodipine**  
Saleh S. S., Lotfy H. M., TIRIS G., ERK N., Rostom Y.  
MICROCHEMICAL JOURNAL, cilt.159, 2020 (SCI-Expanded)
- LXVI. **A novel electrochemical sensing platform based on mono-dispersed gold nanorods modified graphene for the sensitive determination of topotecan**

- ER E., ERK N.  
SENSORS AND ACTUATORS B-CHEMICAL, cilt.320, 2020 (SCI-Expanded)
- LXVII. **Synthesis of Cysteine Modified MoS<sub>2</sub> Nanocomposite: A Biocompatible Electrochemical Sensor Material and its Application to the Determination of Antidiabetic Dapagliflozin**  
Ates A. K., ÇELİKKAN H., ERK N.  
ELECTROANALYSIS, cilt.32, sa.7, ss.1480-1487, 2020 (SCI-Expanded)
- LXVIII. **Novel feature extraction approach for achieving potential spectral resolution: Green analytical application on zofenopril calcium and hydrochlorothiazide in their spectrally overlapping binary mixture**  
Lotfy H. M., Monir H. H., ERK N., Rostom Y.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.230, 2020 (SCI-Expanded)
- LXIX. **Construction of a sensitive electrochemical sensor based on 1T-MoS<sub>2</sub> nanosheets decorated with shape-controlled gold nanostructures for the voltammetric determination of doxorubicin**  
ER E., ERK N.  
MICROCHIMICA ACTA, cilt.187, sa.4, 2020 (SCI-Expanded)
- LXX. **High-Yield Preparation of Exfoliated 1T-MoS<sub>2</sub> with SERS Activity**  
Er E., Hou H., Criado A., Langer J., Moller M., ERK N., Liz-Marzan L. M., Prato M.  
CHEMISTRY OF MATERIALS, cilt.31, sa.15, ss.5725-5734, 2019 (SCI-Expanded)
- LXXI. **The fabrication of a highly sensitive electrochemical sensor based on AuNPs@graphene nanocomposite: Application to the determination of antidepressant vortioxetine**  
Ates A. K., ER E., ÇELİKKAN H., ERK N.  
MICROCHEMICAL JOURNAL, cilt.148, ss.306-312, 2019 (SCI-Expanded)
- LXXII. **Developing spectral numerical factor technique for the determination of amlodipine besylate and the latest generation of statins in their new pharmaceutical combination**  
Lotfy H. M., ERK N., Rostom Y.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.218, ss.320-330, 2019 (SCI-Expanded)
- LXXIII. **Reduced graphene oxide/platinum nanoparticles/nafion nanocomposite as a novel 2D electrochemical sensor for voltammetric determination of aliskiren**  
Ates A. K., ER E., ÇELİKKAN H., ERK N.  
NEW JOURNAL OF CHEMISTRY, cilt.41, sa.24, ss.15320-15326, 2017 (SCI-Expanded)
- LXXIV. **Room-temperature ammonia gas sensor based on reduced graphene oxide nanocomposites decorated by Ag, Au and Pt nanoparticles**  
Karaduman I., Er E., Çelikkan H., Erk N., Acar S.  
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.722, ss.569-578, 2017 (SCI-Expanded)
- LXXV. **An ultra-sensitive 2D electrochemical sensor based on a PtNPs@graphene/Nafion nanocomposite for determination of alpha(1)-AR antagonist silodosin in human plasma**  
ER E., ÇELİKKAN H., ERK N.  
ANALYTICAL METHODS, cilt.9, sa.25, ss.3782-3789, 2017 (SCI-Expanded)
- LXXVI. **A novel electrochemical nano-platform based on graphene/platinum nanoparticles/nafion composites for the electrochemical sensing of metoprolol**  
ER E., ÇELİKKAN H., ERK N.  
SENSORS AND ACTUATORS B-CHEMICAL, cilt.238, ss.779-787, 2017 (SCI-Expanded)
- LXXVII. **Highly sensitive and selective electrochemical sensor based on high-quality graphene/nafion nanocomposite for voltammetric determination of nebivolol**  
ER E., ÇELİKKAN H., ERK N.  
SENSORS AND ACTUATORS B-CHEMICAL, cilt.224, ss.170-177, 2016 (SCI-Expanded)
- LXXVIII. **An effective and sensitive stability-indicating chromatographic approach based on HPLC for silodosin assay**  
ER E., ERK N.



JOURNAL OF ANALYTICAL SCIENCE AND TECHNOLOGY, cilt.7, 2016 (SCI-Expanded)

- LXXXIX. **Validation of high performance liquid chromatographic and spectrophotometric methods for the determination of the antiparkinson agent pramipexole dihydrochloride monohydrate in pharmaceutical products**  
Sevim S., ERK N.  
BRAZILIAN JOURNAL OF PHARMACEUTICAL SCIENCES, cilt.51, sa.4, ss.879-891, 2015 (SCI-Expanded)
- LXXX. **A new generation electrochemical sensor based on Graphene nanosheets/Gold nanoparticles/Nafion nanocomposite for determination of Silodosin**  
ER E., ÇELİKKAN H., ERK N., Aksu M. L.  
ELECTROCHIMICA ACTA, cilt.157, ss.252-257, 2015 (SCI-Expanded)
- LXXXI. **A novel and highly sensitive electrochemical sensor based on a high-quality modified graphene electrode for the determination of hydrochlorothiazide in pharmaceutical formulations and human plasma**  
ER E., ÇELİKKAN H., Aksu M. L., ERK N.  
ANALYTICAL METHODS, cilt.7, sa.21, ss.9254-9260, 2015 (SCI-Expanded)
- LXXXII. **Voltammetric methods of reboxetine analysis and the mechanism of its electrode reactions**  
Altunoz-Erdogan D., ERK N., Kiliç E.  
CENTRAL EUROPEAN JOURNAL OF CHEMISTRY, cilt.11, sa.5, ss.706-716, 2013 (SCI-Expanded)
- LXXXIII. **A new voltammetric method for the determination of lercanidipine in biological samples**  
Öztürk F., Taşdemir I. H., Erdoğan D. A., ERK N., Kiliç E.  
Acta Chimica Slovenica, cilt.58, sa.4, ss.830-839, 2011 (SCI-Expanded)
- LXXXIV. **Electrochemical behavior of Moclobemide at mercury and glassy carbon electrodes and voltammetric methods for its determination**  
Erdogan D. A., Taşdemir I. H., ERK N., Kiliç E.  
Collection of Czechoslovak Chemical Communications, cilt.76, sa.5, ss.423-442, 2011 (SCI-Expanded)
- LXXXV. **Voltammetric behavior of telmisartan and cathodic adsorptive stripping voltammetric method for its assay in pharmaceutical dosage forms and biological fluids**  
Taşdemir I. H., AKAY M. A., ERK N., Kiliç E.  
Electroanalysis, cilt.22, sa.17-18, ss.2101-2109, 2010 (SCI-Expanded)
- LXXXVI. **Rapid and simple methods for quantitative analysis of some antidepressant in pharmaceutical formulations by using first derivative spectrophotometry and HPLC**  
ERK N.  
Farmaco, cilt.58, sa.12, ss.1209-1216, 2003 (SCI-Expanded)
- LXXXVII. **Mucoadhesive microspheres containing gentamicin sulfate for nasal administration: Preparation and in vitro characterization**  
HASÇIÇEK C., Gönül N., ERK N.  
Farmaco, cilt.58, sa.1, ss.11-16, 2003 (SCI-Expanded)
- LXXXVIII. **Simultaneous determination of dorzolamide HCL and timolol maleate in eye drops by two different spectroscopic methods**  
ERK N.  
Journal of Pharmaceutical and Biomedical Analysis, cilt.28, sa.2, ss.391-397, 2002 (SCI-Expanded)
- LXXXIX. **The effect of various root canal sealers on India ink and different concentrations of methylene blue solutions.**  
ÖZTAN M., Ozgey E., Zaimoglu L., ERK N.  
Journal of oral science, cilt.43, sa.4, ss.245-248, 2001 (SCI-Expanded)
- XC. **Comparison of high-performance liquid chromatography and absorbance ratio methods for the determination of hydrochlorothiazide and lisinopril in pharmaceutical formulations**  
ERK N., Kartal M.  
Analytical Letters, cilt.32, sa.6, ss.1131-1141, 1999 (SCI-Expanded)
- XCI. **Rapid and accurate determination of acetaminophen and phenprobamate in binary mixtures by derivative-differential UV spectrophotometry and ratio- spectra derivative spectrophotometry**

- Gönüllü Ü., ERK N.  
Analytical Letters, cilt.32, sa.13, ss.2625-2639, 1999 (SCI-Expanded)
- XCII. **Simultaneous determination of phenylephrine hydrochloride and chlorpheniramine maleate by ratio spectra derivative spectrophotometry and high - performance liquid chromatography**  
ERK N., KARTAL M.  
Journal de Pharmacie de Belgique, cilt.53, sa.3, ss.181, 1998 (SCI-Expanded)
- XCIII. **Determination of active ingredients in the pharmaceutical formulations containing hydrochlorothiazide and its binary mixtures with ramipril and spironolactone by ratio spectra derivative spectrophotometry and vierordt's method**  
ERK N.  
Journal de Pharmacie de Belgique, cilt.53, sa.3, ss.181, 1998 (SCI-Expanded)
- XCIV. **Application of the ratio spectra derivative spectrophotometry and vierordt's method to quantitative analysis of triamterene and hydrochlorothiazide in a pharmaceutical formulation**  
ERK N.  
Journal de Pharmacie de Belgique, cilt.53, sa.3, ss.180, 1998 (SCI-Expanded)
- XCv. **Simultaneous determination of active ingredients in tablets containing chlordiazepoxide by ratio spectra derivative spectrometry**  
ÖZKAN S. A., ERK N., Pentürk Z.  
Journal de Pharmacie de Belgique, cilt.53, sa.3, ss.232, 1998 (SCI-Expanded)
- XCVI. **Comparative study of the ratio spectra derivative spectrophotometry, derivative spectrophotometry and vierordts method applied to the analysis of lisinopril and hydrochlorothiazide in tablets**  
ERK N.  
Spectroscopy Letters, cilt.31, sa.3, ss.633-645, 1998 (SCI-Expanded)
- XCvII. **Spectrophotometric determination of paracetamol and hyoscine N-butyl bromide in film-coated tablets**  
ERK N.  
Scientia Pharmaceutica, cilt.64, sa.2, ss.173-183, 1996 (SCI-Expanded)
- XCvIII. **Simultaneous determination of active ingredients in pharmaceutical preparations containing chlordiazepoxide by first derivative UV spectrophotometry**  
ERK N., Onur F.  
Scientia Pharmaceutica, cilt.64, sa.1, ss.57-69, 1996 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

- I. **ANALYSIS OF ABACAVIR LAMIVUDINE AND ZIDOVUDINE BY SPECTROPHOTOMETRIC METHOD IN TRIPLE MIXTURE**  
tiris g., erk n.  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, cilt.47, sa.3, ss.927-934, 2023 (Scopus)
- II. **SIMULTANEOUS SPECTROPHOTOMETRIC DETERMINATION OF FLUOXETINE AND OLANZAPINE GREENNES ASSESSMENT FLUOKSETİN VE OLANZAPİNİN EŞ ZAMANLI SPEKTROFOTMETRİK TAYİNİ VE YEŞİL KİMYA UYGULAMALARI**  
TIRIS G., OVEN E., ERK N.  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, cilt.47, sa.3, 2023 (Scopus)
- III. **A sensitive voltammetric sensor for specific recognition of vitamin C in human plasma based on MAPbI(3) perovskite nanorods**  
TIRIS G., KHOSHNAVAZ Y., OVEN E. N., MEHMANDOUST M., ERK N.  
JOURNAL OF ELECTROCHEMICAL SCIENCE AND ENGINEERING, cilt.12, ss.175-183, 2022 (ESCI)
- IV. **Construction of a simple and selective electrochemical sensor based on Nafion/TiO2 for the voltammetric determination of olopatadine**  
Mehmandoust M., Mehmandoust A., ERK N.

JOURNAL OF ELECTROCHEMICAL SCIENCE AND ENGINEERING, cilt.12, sa.1, ss.91-103, 2021 (ESCI)

- V. **A novel stability-indicating method for determination of a new antidepressant effect of vortioxetine in a pharmaceutical formulation by using RP-HPLC**  
TIRIS G., Alver C., ERK N.  
FUTURE JOURNAL OF PHARMACEUTICAL SCIENCES, cilt.6, sa.1, 2020 (ESCI)
- VI. **Novel approaches for determination of antiretroviral reverse transcriptase inhibitor agent in commercial dosage forms by using spectrofluorimetric, first derivative spectrophotometric, and HPLC methods**  
TIRIS G., Ciloglu E., ERK N.  
FUTURE JOURNAL OF PHARMACEUTICAL SCIENCES, cilt.6, sa.1, 2020 (ESCI)
- VII. **The study of the voltammetric behaviour of flunarizine**  
USLU B., Yilmaz N., ERK N., ÖZKAN S. A., Sentrük Z., Biryol I.  
Journal de Pharmacie de Belgique, cilt.53, sa.3, ss.263, 1998 (Scopus)

### **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

- I. **Fabrication of graphene-based nanomaterials for the electrochemical drug-sensing applications**  
ER E., ERK N.  
5th INTERNATIONAL TURKIC WORLD CONFERENCE ON CHEMICAL SCIENCES AND TECHNOLOGIES, 25 - 29 Ekim 2019
- II. **High Performance Liquid Chromatographic Method for the Determination of Amlodipine and Perindopril**  
Lotfy H. M., ERK N., TIRIS G.  
5th International Turkic World Conference on Chemical Sciences and Technologies, 25 - 29 Ekim 2019
- III. **Advanced Spectrophotometric Methods for the Determination of Carvedilol and Hydrochlorothiazide Drugs in Their Bulk and Medical Formulations**  
Lotfy H. M., ERK N., TIRIS G., ÖZTÜRK M.  
5th International Turkic World Conference on Chemical Sciences and Technologies, 25 - 29 Ekim 2019
- IV. **A Green and New Spectrophotometric Methods for Analysis of Olmesartan Cilexetil and Amlodipine Besylate in Medical Dosage Formulations**  
Lotfy H. M., TIRIS G., ERK N.  
5th International Turkic World Conference on Chemical Sciences and Technologies, 25 - 29 Ekim 2019
- V. **An Easy and Green Spectrophotometric Method for the Determination of Some Antihypertensive Drugs in Their Pure and Pharmaceutical Formulations**  
Lotfy H. M., TIRIS G., ERK N., ÖZTÜRK M.  
5th International Turkic World Conference on Chemical Sciences and Technologies, 25 - 29 Ekim 2019
- VI. **Smart Spectrophotometric Determination of Tenofovir Disoproxil and Emtricitabine in Medical Dosage Formulations by Using Unified Regression Equation**  
Lotfy H. M., ERK N., TIRIS G.  
5th International Turkic World Conference on Chemical Sciences and Technologies, 25 - 29 Ekim 2019
- VII. **Quantitative Analysis of Some Beta Blocker Drugs in Co-formulated Drug by Using Factorized Zero Order and Factorized Difference Amplitude Methods**  
Lotfy H. M., ERK N., TIRIS G., ÖZTÜRK M.  
5th International Turkic World Conference on Chemical Sciences and Technologies, 25 - 29 Ekim 2019
- VIII. **Development and Application of Advanced Absorbance Subtraction Spectrophotometric Method for the Quantification of the Antiretroviral Compounds in Medical Dosage forms**  
Lotfy H. M., TIRIS G., ERK N.  
1 st International Conference on Preventive Medicine (1st ICPM), 12 - 14 Kasım 2019
- IX. **Sensitive and Reliable Spectrophotometric Techniques for the Estimation of Telmisartan and Hydrochlorothiazide in Combined Dosage Forms**

- LOTFY H. M., ERK N., TIRIS G.  
4th International Turkic World Conference on Chemical Sciences and Technologies, 7 - 10 Eylül 2018
- X. **Quantitative Analysis of Telmisartan and Amlodipine in Bulk Drug and Commercial Dosage Forms by Using Absorbance Subtraction and Amplitude Correction Spectrophotometric Techniques**  
LOTFY H. M., ERK N., TIRIS G.  
4th International Turkic World Conference on Chemical Sciences and Technologies, 7 - 10 Eylül 2018
- XI. **Rapid Determination of Antihypertensive Agents Using Ratio Difference and Ratio Derivative Spectrophotometric Technique**  
TIRIS G., ERK N.  
4th International Turkic World Conference on Chemical Sciences and Technologies, 7 - 10 Eylül 2018
- XII. **Development of Ratio Difference Spectrophotometric Techniques for Simultaneous Quantitative Analysis of Benazepril Hydrochloride and Hydrochlorothiazide in Commercial Dosage Form**  
ATEŞ A. K., ERK N.  
4th International Turkic World Conference on Chemical Sciences and Technologies, 7 - 10 Eylül 2018
- XIII. **RATIO DERIVATIVE AND DIFFERENCE SPECTROPHOTOMETRIC TECHNIQUES FOR SIMULTANEOUS DETERMINATION OF CARVEDILOL AND HYDROCHLOROTHIAZIDE IN MARKETED TABLETS**  
ERK N., TIRIS G.  
12th International Symposium on Pharmaceutical Sciences, 26 - 29 Haziran 2018
- XIV. **Simple and sensitive determination of Dapagliflozin by first order derivative spectrophotometric method in pharmaceutical preparations**  
ERK N., DAĞISTAN K.  
8th Black Sea Basin Conference on Analytical Chemistry, 9 - 11 Mayıs 2018
- XV. **Extended Ratio Subtraction Spectrophotometric Method for Simultaneous Determination of Antihypertensive Drugs in Pharmaceutical Formulation**  
ERK N., ŞAHİN E.  
8th Black Sea Basin Conference on Analytical Chemistry, 9 - 11 Mayıs 2018
- XVI. **Comparison of novel spectrophotometric techniques for the simultaneous determination of certain antiretroviral agents in pharmaceutical formulations**  
ERK N.  
1 st international Conference on innovations in natural science and engineering (ICINSE 2018), 3 - 06 Ocak 2018
- XVII. **Electrochemical properties and voltammetric determination of certain antidiabetic agents in bulk and pharmaceutical formulation**  
ŞAHİN E., ERK N.  
1 st international Conference on innovations in natural science and engineering (ICINSE 2018), 3 - 06 Ocak 2018
- XVIII. **Different Spectrophotometric Methods for Simultaneous Determination of Certain Antihyperlipidemic Drugs in Their Bulk and Mixtures**  
ERK N., TIRIS G.  
International Congress on Chemistry And Materials Science, 5 - 07 Ekim 2017
- XIX. **Sensitive and Rapid Determination of Protease Inhibitors in Pure Drugs and Their Mixtures using High Performance Liquid Chromatography**  
TIRIS G., ERK N.  
International Congress on Chemistry And Materials Science, 5 - 07 Ekim 2017
- XX. **Simultaneous Analysis of Amphetamine, Methamphetamine and MDMA (Ecstasy) in Pharmaceutical**  
ERK N., MENTEŞE A.  
International Congress on Chemistry And Materials Science, 5 - 07 Ekim 2017
- XXI. **Novel spectrophotometric methods for the determination of zofenopril and lercanidipine in binary mixtures**  
ERK N., TOKER B.  
International Congress on Chemistry And Materials Science, 5 - 07 Ekim 2017
- XXII. **Comparative Study of New Spectrophotometric Techniques for the Simultaneous Determination of Ezetimibe and Rosuvastatin in binary mixtures**

- TIRIS G., ERK N.  
International Congress on Chemistry And Materials Science, 5 - 07 Ekim 2017
- XXIII. **Highly Sensitive Determination of Certain Antihypertensive Drugs in Their Pure and Combined Forms**  
ERK N., TIRIS G., ATEŞ A. K.  
International Congress on Chemistry And Materials Science, 5 - 07 Ekim 2017
- XXIV. **Development Method for Rapid Estimation of Atenolol and Lercanidipine in Bulk and Pharmaceutical Dosage Forms**  
ERK N., TOKER B.  
International Congress on Chemistry And Materials Science, 5 - 07 Ekim 2017
- XXV. **Ratio Difference and Ratio Subtraction Spectrophotometric Methods for the Simultaneous Determination of Atorvastatin and Amlodipine Besylate in Their Binary Mixtures**  
ERK N., ŞAHİN E.  
3rd International Turkic World Conference on Chemical Sciences Technologies ITWCCST – 2017, 10 - 13 Eylül 2017
- XXVI. **The Fabrication of a New Generation and Sensitive 2D Electrochemical Sensing-platform Based on AuNPs@Graphene Nanocomposite: Application to the Determination of Antidepressant Vortioxetine in Pharmaceutical Sample**  
ATEŞ A. K., ER E., ÇELİKKAN H., ERK N.  
3rd International Turkic World Conference on Chemical Sciences and Technologies, Baku, Azerbaijan, 10 - 13 Eylül 2017
- XXVII. **Determination of Bisoprolol Fumarate and Hydrochlorothiazide in Combined Tablet Dosage Form by Novel Spectrophotometric Techniques**  
ERK N., TIRIS G.  
3rd International Turkic World Conference on Chemical Sciences Technologies ITWCCST – 2017, 10 - 13 Eylül 2017
- XXVIII. **Development of High Performance Liquid Chromatographic Method with Stability Indicator for Flurbiprofen Quantification**  
ERK N., TIRIS G., ÇITLAK P.  
3rd International Turkic World Conference on Chemical Sciences Technologies ITWCCST – 2017, 10 - 13 Eylül 2017
- XXIX. **Quantitative Determination of Ebastine from Pharmaceutical Dosage Forms by Spectrophotometric Method**  
ATEŞ A. K., Akçal N., ERK N.  
3rd International Turkic World Conference on Chemical Sciences and Technologies, Baku, Azerbaijan, 10 - 13 Eylül 2017
- XXX. **Application of Spectrophotometric Techniques for Simultaneous Determination of Amlodipine Besylate and Candesartan Cilexetil in Binary Mixtures**  
ERK N., ŞAHİN E.  
3rd International Turkic World Conference on Chemical Sciences Technologies ITWCCST – 2017, 10 - 13 Eylül 2017
- XXXI. **Optimization of Determination OF Clopidogrel Bisulphate in Pure Drug and Pharmaceutical Dosage Forms**  
ATEŞ A. K., ERK N., POLAT TOPCU Y.  
3rd International Turkic World Conference on Chemical Sciences Technologies ITWCCST – 2017, 10 - 13 Eylül 2017
- XXXII. **Simultaneous analysis of a binary mixture of pharmaceuticals containing lercanidipine and olmesartan medoxomil by novel two spectrophotometric methods**  
ŞAHİN E., ATEŞ A. K., ER E., ERK N.  
17th Hellenic Symposium on Medicinal Chemistry (HSMC-17), 1 - 03 Haziran 2017
- XXXIII. **Novel ratio subtraction and first derivative spectrophotometric methods for the assay of**

**lercanidipine in the presence enalapril maleate**

ŞAHİN E., ER E., ERK N.

17th Hellenic Symposium on Medicinal Chemistry (HSMC-17), 1 - 03 Haziran 2017

- XXXIV. **SIMULTANEOUS ANALYSIS OF A BINARY MIXTURE OF PHARMACEUTICALS CONTAINING LERCANIDIPINE AND OLMESARTAN MEDOXOMIL BY NOVEL TW SPECTROPHOTOMETRIC METHODS**  
Egemen Ş., ATEŞ A. K., ER E., ERK N.

17th Hellenic Symposium on Medicinal Chemistry, Selanik, Yunanistan, 1 - 03 Haziran 2017

- XXXV. **Development of sensitive and reliable spectrophotometric methods for the determination of vortioxetine in pharmaceutical preparations**  
ALVER C., ER E., ERK N.

17th Hellenic Symposium on Medicinal Chemistry (HSMC-17), 1 - 03 Haziran 2017

- XXXVI. **DEVELOPMENT OF SENSITIVE FIRST DERIVATIVE SPECTROPHOTOMETRIC METHODS FOR THE QUANTITATIVE DETERMINATION OF ROSUVASTATINE IN PHARMACEUTICALSAMPLES**  
KOCABIYIK H., ATEŞ A. K., ER E., ERK N.

17th Hellenic Symposium on Medicinal Chemistry, Selanik, Yunanistan, 1 - 03 Haziran 2017

- XXXVII. **An effective and sensitive high performance liquid chromatography for determination of H1 antihistaminic ebastine in pharmaceutical sample**  
ER E., ATEŞ A. K., ERK N.

17th Hellenic Symposium on Medicinal Chemistry (HSMC-17), 1 - 03 Haziran 2017

- XXXVIII. **Development of sensitive derivative spectrophotometric methods for the quantitative determination of rosuvastatine in pharmaceutical samples**  
KOCABIYIK H., ATEŞ A. K., ER E., ERK N.

17th Hellenic Symposium on Medicinal Chemistry (HSMC-17), 1 - 03 Haziran 2017

- XXXIX. **Development of sensitive analytical approaches based on spectrofluorimetric and high performance liquid chromatographic methods for the determination of tenofovir in pharmaceutical preparations**  
ÇİLOĞLU E., ER E., ERK N.

17th Hellenic Symposium on Medicinal Chemistry (HSMC-17), 1 - 03 Haziran 2017

- XL. **Novel Spectrophotometric Methods for Simultaneous Determination of Abacavir and Lamivudine in Binary Mixture and Pharmaceutical Dosage Form**  
TIRIS G., ER E., ERK N.

2nd International Turkic World Conference on Chemical Sciences and Technologies, 26 - 30 Ekim 2016

- XLI. **Quantitative Analysis Methods of the Pharmaceutical Preparations Containing Doxazosin Mesylate**  
ATEŞ A. K., ORAL A., ERK N.

2nd International Turkic World Conference on Chemical Sciences and Technologies, 26 - 30 Ekim 2016

- XLII. **An ultra sensitive PtNPs Graphene Nafion electrochemical sensing platform for detection of silodosin in human plasma**  
ER E., ÇELİKKAN H., ERK N.

3rd International Congress on Biosensors, 5 - 07 Ekim 2016

- XLIII. **Graphene Pt nanoparticles nafion nanocomposite as a novel electrochemical sensor for voltammetric determination of aliskiren**  
ATEŞ A. K., ER E., ERK N.

3rd International Congress On Biosensors, 5 - 07 Ekim 2016

- XLIV. **Method Development and Validation of Derivative Spectrophotometric Method for the Quantitative Determination of Nebivolol in Dosage Forms**  
SAYGACIK C., ATEŞ A. K., ERK N.

10th Aegean Analytical Chemistry Days, 29 Eylül - 02 Ekim 2016

- XLV. **A Novel and Sensitive Chromatographic Method Based on HPLC for Simultaneous Determination of Abacavir and Lamivudine in Pharmaceutical Dosage Form**  
TIRIS G., ER E., ERK N.

10th Aegean Analytical Chemistry Days, 29 Eylül - 02 Ekim 2016

- XLVI. **A Validated Stability Indicating HPLC Method for Determination of A New Serotonergic**

**Antidepressant Vortioxetine Active Pharmaceutical Ingredient and Its Pharmacuetical Dosage Forms**

ALVER C., ERK N.

10th Aegean Analytical Chemistry Days, 29 Eylül - 02 Ekim 2016

- XLVII. **Highly sensitive electrochemical nano platform based on graphene platinum nanoparticles nafion composites for the electrochemical sensing of metoprolol**

ER E., ÇELİKKAN H., ERK N.

11th International Symposium on Electrochemical Micro & Nanosystem Technologies, 17 - 19 Ağustos 2016

- XLVIII. **GRAFENİN ELEKTROKİMYASAL SENSÖR UYGULAMALARINDAKİ ÖNEMİ VE ÇEŞİTLİ İLAÇ UYGULAMALARI**

ER E., ÇELİKKAN H., ERK N.

IV. Eser Analiz Kongresi, Türkiye, 19 - 22 Mayıs 2016

- XLIX. **Analytical methods for quantitative determination of Olopatadine hydrochloride in pharmaceutical preparation**

TOKER B., ER E., ERK N.

7th Black Sea Basin Conference on Analytical Chemistry, 10 - 15 Eylül 2015

- L. **Spectrophotometric methods for the simultaneous estimation of ezetimibe and rosuvastatin in a binary mixture**

ER E., ERK N.

7th Black Sea Basin Conference on Analytical Chemistry, 10 - 15 Eylül 2015

- LI. **The importance of graphene in electrochemical sensor applications and a novel graphene based nanosensing material for the determination of nebivolol**

ER E., ÇELİKKAN H., ERK N.

Euroanalysis 2015, 6 - 10 Eylül 2015

- LII. **A novel approach based on spectrofluorimetry for the determination of Silodosin in pharmaceutical dosage forms**

ER E., ERK N.

Colloquium Spectroscopicum Internationale XXXIX, 30 Ağustos - 03 Eylül 2015

- LIII. **Etkili bir yöntem ile grafen temelli elektrokimyasal nano platformların oluşturulması ve bazı ilaç uygulamaları**

ER E., ÇELİKKAN H., ERK N.

27. Ulusal Kimya Kongresi, Türkiye, 23 - 28 Ağustos 2015

- LIV. **Antidiyabetik etkili metformin in spektrofotometrik yöntemlerle miktar tayini**

ER E., ERK N.

14. Ulusal Spektroskopi Kongresi, Türkiye, 29 - 31 Mayıs 2015

- LV. **Adsorptive Stripping Method to Assay of Olmesartan in Pharmaceutical Formulations and Biological Medium**

ÖZTÜRK F., KÜÇÜKKOLBAŞI S., KAÇAR SELVİ C., ERK N., KILIÇ E.

9th International Electrochemistry Meeting in Turkey, 25 - 29 Eylül 2011

- LVI. **Square Wave Voltammetric Method for Simultaneous Assay of Amlodipine and Valsartan**

ERDEN P. E., TAŞDEMİR İ. H., KAÇAR SELVİ C., ERK N., KILIÇ E.

XVI Euroanalysis (the European Conference on Analytical Chemistry, Challenges in Modern Analytical Chemistry), 11 - 15 Eylül 2011

## **Metrikler**

Yayın: 165

Atf (WoS): 3621

Atf (Scopus): 3616

H-İndeks (WoS): 35

H-İndeks (Scopus): 35