

## Prof. HAYRİYE EDA ŞATANA KARA

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: T-9878-2018

ScopusID: 6508087002

Yoksis Researcher ID: 51152

### Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Analitik Kimya (Dr), Turkey 2001 - 2006

Postgraduate, Gazi University, Sağlık Bilimleri Enstitüsü, Analitik Kimya (YI) (Tezli), Turkey 1998 - 2001

Undergraduate, Gazi University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 1994 - 1998

### Dissertations

Doctorate, Farmasötik formlarda akışa enjeksiyon sistemleri ile etken madde miktar tayinleri, Gazi University, Sağlık Bilimleri Enstitüsü, 2006

Postgraduate, Beta blokör ilaçlardan Asebutalol ve Sotalol'xxün elektroanalitik davranışlarının incelenmesi ve miktar tayinleri, Gazi University, Sağlık Bilimleri Enstitüsü, 2001

### Research Areas

Analytical Chemistry, Analytical Chemistry

### Academic Titles / Tasks

Professor, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2018 - Continues

Associate Professor, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2013 - 2018

Assistant Professor, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2009 - 2013

Research Assistant, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 1999 - 2009

### Academic and Administrative Experience

Birim Kalite Komisyonu Üyesi, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2023 - Continues

Head of Department, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2021 - Continues

Rectorate Commissioner, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2020 - 2023

Birim Kalite Komisyonu Başkanı, Gazi University, Eczacılık Fakültesi, 2020 - 2023

Birim Kalite Komisyonu Üyesi, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2016 - 2019  
Fakülte Akademik Kurul Üyesi, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2013 - 2016

## Courses

Doping Analizleri, Postgraduate, 2023 - 2024

MEZUNİYET PROJESİ I, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

FARMASÖTİK ANALİTİK KİMYA II UYGULAMA, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

MEZUNİYET PROJESİ I UYGULAMA, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

FARMASÖTİK ANALİTİK KİMYA I UYG, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

MEZUNİYET PROJESİ II UYGULAMA, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

MOLEKÜLER LUMİNESANS SPEKTROSKOPİSİ, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2011 - 2012, 2010 - 2011

MEZUNİYET PROJESİ II, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

FARMASÖTİK ANALİTİK KİMYA II, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2014 - 2015, 2013 - 2014, 2012 - 2013

BİYOSENSÖRLER VE KULLANIM ALANLARI, Doctorate, 2019 - 2020, 2014 - 2015

## Advising Theses

ŞATANA KARA H. E., Yüksek basınçlı sıvı kromatografisi (YBSK) yöntemi ile kanser tedavisinde kullanılan ilaçların miktar tayini ve ilaç-DNA etkileşimlerinin belirlenmesi, Doctorate, E.KAPÇAK(Student), 2017

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Unraveling the interaction mechanism between orphan drug Nitisinone and bovine serum albumin through spectroscopic and in silico approaches**  
Bilkay M., Yazıcı S., Erkmen C., Çelik İ., Şatana Kara H. E.  
SPECTROCHIMICA ACTA - PART A: MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.322, no.124818, pp.1-13, 2024 (SCI-Expanded)
- II. **Spectroscopic, electrochemical, and molecular docking studies of the interaction between the antihistamine drug desloratadine and dsDNA**  
Bilkay M., Kanbeş Dindar Ç., Bozal Palabıyık B., Eren G., Şatana Kara H. E., Uslu B.  
ANALYTICAL BIOCHEMISTRY, vol.694, no.115622, pp.1-7, 2024 (SCI-Expanded)
- III. **Synthesis of novel phenylalanine-coated copper nanoclusters for fluorescent probes to determine the interactions of cancer drugs with DNA**  
Bilkay M., Şatana Kara H. E.  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.249, no.116365, pp.1-10, 2024 (SCI-Expanded)
- IV. **Development of a new nanosensor for the determination of food coloring Sunset Yellow in powder drinks using L-cysteine coated copper nanoclusters**  
Bilkay M., Karataş B., Şatana Kara H. E.  
TURKISH JOURNAL OF CHEMISTRY, vol.48, no.2, pp.218-228, 2024 (SCI-Expanded)

- V. **Evaluation of the interaction between antiviral drug and DNA/BSA via comprehensive multispectral methods and molecular docking studies**  
Oznur A., EREN G., ŞATANA KARA H. E.  
Journal of Photochemistry and Photobiology A: Chemistry, vol.445, 2023 (SCI-Expanded)
- VI. **Fluorometric determination of ornidazole by using BSA coated copper nanoclusters as a novel turn off sensor**  
BİLKAY M., ŞATANA KARA H. E.  
Turkish Journal of Chemistry, vol.46, no.2, pp.475-486, 2022 (SCI-Expanded)
- VII. **One-step green aqueous synthesis of blue light emitting copper nanoclusters for quantitative determination of food color Ponceau 4R**  
Demirhan B. E., ŞATANA KARA H. E., DEMİRHAN B.  
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.417, 2021 (SCI-Expanded)
- VIII. **Highly luminescent water-dispersed silicon quantum dots for fluorometric determination of oxytetracycline in milk samples**  
ŞATANA KARA H. E., DEMİRHAN B., ER DEMİRHAN B.  
TURKISH JOURNAL OF CHEMISTRY, vol.44, no.6, pp.1713-1722, 2020 (SCI-Expanded)
- IX. **Novel "turn off-on" sensors for detection of DNA-acrylamide interaction using ZnS quantum dots as a phosphorescent probe**  
Şatana Kara H. E.  
TURKISH JOURNAL OF CHEMISTRY, vol.43, no.1, pp.125-136, 2019 (SCI-Expanded)
- X. **ANALYSIS OF ACRYLAMIDE IN MEAT -BASED FOOD PRODUCTS BY USING L-CYSTEINE-CAPPED Mn-DOPED ZnS QUANTUM DOTS AS A ROOM TEMPERATURE PHOSPHORESCENT PROBE**  
DEMİRHAN B., Demirhan B., ŞATANA KARA H. E.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.4, pp.2599-2607, 2019 (SCI-Expanded)
- XI. **EVALUATION OF INTERACTION BETWEEN DNA AND ANTICANCER DRUG TEMOZOLOMIDE AND ITS DEGRADATION PRODUCT BY HPLC**  
Kapcak E., ŞATANA KARA H. E.  
REVUE ROUMAINE DE CHIMIE, vol.63, no.11, pp.1023-1034, 2018 (SCI-Expanded)
- XII. **Phosphorescent detection of DNA- drug interaction based on emission quenching of ZnS quantum dots via photoinduced electron transfer**  
Ocak I., ŞATANA KARA H. E.  
JOURNAL OF LUMINESCENCE, vol.197, pp.112-118, 2018 (SCI-Expanded)
- XIII. **Rapid Detection of Acrylamide in Food Using Mn-Doped ZnS Quantum Dots as a Room Temperature Phosphorescent Probe**  
DEMİRHAN B., Demirhan B., ERTAŞ N., ŞATANA KARA H. E.  
FOOD ANALYTICAL METHODS, vol.11, no.5, pp.1367-1373, 2018 (SCI-Expanded)
- XIV. **Mn-doped ZnS quantum dots as a room-temperature phosphorescent probe for analysis of glutamic acid in foodstuffs**  
ŞATANA KARA H. E., DEMİRHAN B., ER DEMİRHAN B.  
TURKISH JOURNAL OF CHEMISTRY, vol.40, no.5, pp.762-771, 2016 (SCI-Expanded)
- XV. **L-Cysteine capped Mn-doped ZnS quantum dots as a room temperature phosphorescence sensor for in-vitro binding assay of idarubicin and DNA**  
ERTAŞ N., ŞATANA KARA H. E.  
BIOSENSORS & BIOELECTRONICS, vol.70, pp.345-350, 2015 (SCI-Expanded)
- XVI. **QUANTITATIVE DETERMINATION OF ISOCONAZOLE NITRATE AND DIFLUCORTOLONE VALERATE IN PHARMACEUTICAL CREAMS BY UPLC, HPLC AND IMPROVED DERIVATIVE UV SPECTROPHOTOMETRY**  
Ozen G., GÜMÜŞTAŞ M., ŞATANA KARA H. E., GÜNDEN GÖĞER N., USLU B., ÖZKAN S. A.  
REVUE ROUMAINE DE CHIMIE, vol.60, pp.527-535, 2015 (SCI-Expanded)
- XVII. **Room-temperature phosphorescence determination of melamine in dairy products using L-cysteine-capped Mn-doped zinc sulfide (ZnS) quantum dots**  
Demirhan B., Demirhan B., Şatana Kara H. E.

- JOURNAL OF DAIRY SCIENCE, vol.98, pp.2992-3000, 2015 (SCI-Expanded)
- XVIII. **Determination of ibuprofen and paraben in pharmaceutical formulations using flow-injection and derivative spectrophotometry**  
Turk S. C., Satana E., BASAN H., GÜNDEN GÖĞER N.  
JOURNAL OF ANALYTICAL CHEMISTRY, vol.70, no.1, pp.50-54, 2015 (SCI-Expanded)
- XIX. **Redox mechanism of anticancer drug idarubicin and in-situ evaluation of interaction with DNA using an electrochemical biosensor**  
Kara H. E.  
BIOELECTROCHEMISTRY, vol.99, pp.17-23, 2014 (SCI-Expanded)
- XX. **In vitro DNA binding studies of anticancer drug idarubicin using spectroscopic techniques**  
Ozluer C., ŞATANA KARA H. E.  
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY, vol.138, pp.36-42, 2014 (SCI-Expanded)
- XXI. **Simultaneous determination of dexpanthenol, lidocaine hydrochloride, and mepyramine maleate in combined pharmaceutical gel by capillary electrophoresis**  
Akyil G. B., ŞATANA KARA H. E., Bas S. Y., ERTAŞ N., GÜNDEN GÖĞER N.  
TURKISH JOURNAL OF CHEMISTRY, vol.38, no.5, pp.756-764, 2014 (SCI-Expanded)
- XXII. **Determination of Etodolac and Flurbiprofen in their pharmaceutical tablets using heavy-atom-induced room-temperature phosphorescence and HPLC**  
Şatana Kara H. E., Günden Göğeri N., Ertas N.  
Journal Of Aoac International, pp.1-6, 2013 (SCI-Expanded)
- XXIII. **Nucleoside analogue electrochemical behaviour and in situ evaluation of DNA-clofarabine interaction**  
Şatana H. E., Pontinha A. D. R., Diculescu V. C., Oliveira-Brett A. M.  
BIOELECTROCHEMISTRY, vol.87, pp.3-8, 2012 (SCI-Expanded)
- XXIV. **Methoxylation and Glycosylation Effect on the Redox Mechanism of Citroflavones**  
Diculescu V. C., Şatana H. E., Gil E. D. S., Oliveira Brett A. M.  
ELECTROANALYSIS, vol.24, no.5, pp.1019-1026, 2012 (SCI-Expanded)
- XXV. **The Effects of Sevoflurane Anesthesia and Cardiopulmonary Bypass on Renal Function in Cyanotic and Acyanotic Children Undergoing Cardiac Surgery**  
ÖÇ B., Akinci S. B., KANBAK M., Satana E., ÇELEBİOĞLU B., Aypar U.  
RENAL FAILURE, vol.34, no.2, pp.135-141, 2012 (SCI-Expanded)
- XXVI. **Anodic Oxidation of Cladribine and In Situ Evaluation of DNA-Cladribine Interaction**  
Pontinha A. D. R., Satana H. E., Diculescu V. C., Oliveira-Brett A. M.  
ELECTROANALYSIS, vol.23, no.11, pp.2651-2657, 2011 (SCI-Expanded)
- XXVII. **Electrochemical Characterization and Rapid Voltammetric Determination of Riluzole in Pharmaceuticals and Human Serum**  
ŞATANA KARA H. E., DOĞAN TOPAL B., ÖZKAN S. A.  
ANALYTICAL LETTERS, vol.44, no.6, pp.976-990, 2011 (SCI-Expanded)
- XXVIII. **Determination of ambroxol hydrochloride in tablets using flow-injection UV spectrophotometry and HPLC**  
Satana E., Basan H., Goger N.  
JOURNAL OF ANALYTICAL CHEMISTRY, vol.63, no.5, pp.451-454, 2008 (SCI-Expanded)
- XXIX. **The perioperative renal function in cyanotic versus acyanotic children undergoing desflurane anesthesia for open-heart surgery**  
Oc B., Kanbak M., Akinci S. B., Satana E., Aypar U.  
SAUDI MEDICAL JOURNAL, vol.28, no.11, pp.1753-1755, 2007 (SCI-Expanded)
- XXX. **Determination of citalopram using flow injection-solid phase extraction with spectrofluorometric detection**  
Satana E., Ertas N., Goger N.  
CHROMATOGRAPHIA, vol.66, 2007 (SCI-Expanded)
- XXXI. **Capillary electrophoretic determination of citalopram in pharmaceutical tablets and serum**

- Satana E., UYSAL Ü. D., Goger N., Tuncel M.  
CHROMATOGRAPHIA, vol.64, pp.317-320, 2006 (SCI-Expanded)
- XXXII. **Quantitative determination of ketoprofen in gels and ampules by using flow-injection UV spectrophotometry and HPLC**  
Ozlu C., Basan H., Satana E., Ertas N., Goger N.  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.39, no.3-4, pp.606-611, 2005 (SCI-Expanded)
- XXXIII. **Differential pulse and square wave voltammetric determination of cisapride in tablet dosage form.**  
Satana E., Uslu B., Ozkan S.  
Die Pharmazie, vol.57, no.7, pp.501-3, 2002 (SCI-Expanded)
- XXXIV. **Simultaneous determination of valsartan and hydrochlorothiazide in tablets by first-derivative ultraviolet spectrophotometry and LC**  
Satana E., Altinay S., Goger N., Ozkan S., Senturk Z.  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.25, pp.1009-1013, 2001 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Development and Full Validation of a Stability-indicating HPLC Method for the Determination of the Anticancer Drug Temozolomide in Pharmaceutical Form**  
Kapcak E., Satana-Kara E. H.  
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.15, no.3, pp.271-277, 2018 (ESCI)
- II. **Numune Hazırlama Tekniklerinde Yeni Yaklaşımlar**  
KUL D., ŞATANA KARA H. E., NEMUTLU E.  
Türk Farmakope Dergisi, vol.3, no.3, pp.42-62, 2018 (Peer-Reviewed Journal)
- III. **Evaluation of Fludarabine DNA Interaction Using a DNA Electrochemical Biosensor**  
ŞATANA KARA H. E., Oliverira Brett A. M.  
International Journal of Electrochemistry, vol.2011, pp.1-8, 2011 (ESCI)
- IV. **Spectrofluorometric Determination of Citalopram HBr in Tablets**  
ŞATANA KARA H. E., ERTAŞ N., GÜNDEN GÖĞER N.  
FABAD J. Pharm. Sci., vol.32, pp.73-77, 2007 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **İlaç ve Biyobelirteç Analizlerinde Nanobiyosensör Uygulamaları**  
Bilkay M., Erkmen C., Şatana Kara H. E., Uslu B.  
in: Eczacılıkta Yenilikler 3, Prof. Dr. Gülbin Özçelikay, Prof. Dr. İlkey Yıldız, Editor, Ankara Üniversitesi, Ankara, pp.67-92, 2020
- II. **Kromatografik Ayırma Teknikleri**  
USLU B., SAĞIRLI A. O., SÜSLÜ İ., GÜNDEN GÖĞER N., SAĞLIK ASLAN S., ÖZKAN S. A., DOĞAN TOPAL B., KUL D., ARIKSOYSAL D., NEMUTLU E., et al.  
in: Türk Farmakopesi 2017, Yalçın Özkan, Editor, Sağlık Bakanlığı Türkiye İlaç ve Tıbbi Cihaz Kurumu, Ankara, pp.89-96, 2018
- III. **Overview of Green Sample Preparation Techniques in Food Analysis**  
Demirhan B., Şatana Kara H. E., Er Demirhan B.  
in: Ideas and Applications Toward Sample Preparation for Food and Beverage Analysis, Mark T. Stauffer, Editor, Intechopen, London, pp.1-23, 2017
- IV. **Quantum Dots for Pharmaceutical and Biomedical Analysis**  
ŞATANA KARA H. E., ERTAŞ N.  
in: Spectroscopic Analyses - Developments and Applications, Eram Sharmin, Fahmina Zafar, Editor, INTECH open Science, Londrina, pp.143-169, 2017

## V. Analitik Kimya Pratikleri

Orbey M. T., Günden Göğeri N., Ertaş N., Yılmaz Ş., Berkkan A., Basan H., Şatana Kara H. E., Alp O.  
Gazi, Ankara, 2000

## Refereed Congress / Symposium Publications in Proceedings

- I. **THE INTERACTION STUDY OF ABIRATERONE ACETATE AND DNA USING PHENYLALANINE-COATED COPPER NANOCCLUSERS AS A FLUORESCENT PROBE**  
Bilkay M., Şatana Kara H. E.  
14th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 25 - 28 June 2024
- II. **SPECTROSCOPIC AND IN SILICO APPROACHES ON THE INTERACTION BETWEEN ORPHAN DRUG NITISINONE AND BOVINE SERUM ALBUMIN**  
Bilkay M., Yazıcı Ş., Erkmen C., Çelik İ., Şatana Kara H. E.  
14th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 25 - 28 June 2024
- III. **BSA-kaplı Pt nanozimlerin civa(II) iyonu tayininde kullanımı**  
Karataş B., Şatana Kara H. E.  
17.Ulusal Spektroskopi Kongresi, Zonguldak, Turkey, 30 May - 01 June 2024, pp.1
- IV. **Synthesis of fluorescent carbon dots from anethum graveolens by hydrothermal carbonization**  
Karataş B., Yıldırım A., Şatana Kara H. E.  
PBA2023, 33 rd International Symposium on Pharmaceutical and Biomedical Analysis, Ankara, Turkey, 02 July 2023
- V. **Synthesis, characterization and optimization of novel phenylalanine-coated copper nanoclusters with high fluorescence intensity**  
Bilkay M., Şatana Kara H. E.  
PBA2023, 33 rd International Symposium on Pharmaceutical and Biomedical Analysis, Ankara, Turkey, 02 July 2023
- VI. **DESLORATADİN ve DNA ETKİLEŞİMİNİN SPEKTROFLORİMETRİK OLARAK İNCELENMESİ**  
Karataş B., Bilkay M., Şatana Kara H. E.  
10.Ulusal Analitik Kimya Kongresi, Muğla, Turkey, 7 - 11 September 2022, pp.156
- VII. **L-SİSTEİN KAPLI BAKIR NANOKÜMELER KULLANILARAK SUNSET YELLOW TAYİNİ İÇİN FLORESANS NANOSENSÖR GELİŞTİRİLMESİ**  
Bilkay M., Karataş B., Şatana Kara H. E.  
10. Ulusal Analitik Kimya Kongresi, Muğla, Turkey, 7 - 11 September 2022, pp.51
- VIII. **Desloratadin ve DNA etkileşiminin spektrofiorimetrik olarak incelenmesi**  
Karataş B., BİLKAY M., ŞATANA KARA H. E.  
10. Ulusal Analitik Kimya Kongresi, 07 September 2022
- IX. **L-sistein kaplı bakır nanokümeler kullanılarak sunset yellow tayini için floresans nanosensör geliştirilmesi**  
BİLKAY M., Karataş B., ŞATANA KARA H. E.  
10. Ulusal Analitik Kimya Kongresi, 07 September 2022
- X. **Synthesis of L-cysteine mediated copper nanoclusters as a turn-off fluorescent probe for the detection of indigotine**  
Bilkay M., Şatana Kara H. E.  
3th International Gazi Pharma Symposium Series, GPSS 21, Ankara, Turkey, 8 - 10 September 2021, pp.1
- XI. **Determination of ornidazole in pharmaceutical dosage forms using BSA coated fluorescent copper nanocluster**  
BİLKAY M., ŞATANA KARA H. E.  
13th Int. Symp. on Pharm. Sciences, 22 June 2021
- XII. **In vitro DNA and BSA interaction of antiviral drug tenofovir by spectral methods**  
Öznur A., ŞATANA KARA H. E.

13th Int. Symp. on Pharm. Sciences, 22 June 2021

- XIII. **Copper Nanoclusters as A Fluorescence Turn Off Sensor for the Quantitative Determination of Ponceau 4R**  
ŞATANA KARA H. E., ER DEMİRHAN B., DEMİRHAN B.  
3rd International Congress on Agriculture, Environment and Health (ICAEH), 12 - 14 November 2020
- XIV. **Sentetik Gıda Boyalarının Analizinde Kullanılan Yöntemler**  
DEMİRHAN B., ER DEMİRHAN B., ŞATANA KARA H. E.  
3rd International Congress on Agriculture, Environment and Health (ICAEH), 12 - 14 November 2020
- XV. **Oksitetrasiklin'in sütlerden silikon kuantum nokta temelli floresans yöntemi ile tayini**  
ŞATANA KARA H. E., DEMİRHAN B., ER DEMİRHAN B.  
XVI. Ulusal Spektroskopi Kongresi, Turkey, 7 - 08 November 2019
- XVI. **Development and validation of an HPLC method for determination of ketoconazole and caffeine in cosmetic products**  
Gülpınar H. E., ŞATANA KARA H. E., TIRNAKSIZ F. F.  
17th Edition of International Conference and Exhibition on Pharmaceutics and Novel Drug Delivery Systems, 4 - 06 October 2018
- XVII. **Et Ürünlerinde L-sistein Kaplı Mn-Doplanmış ZnS Kuantum Noktaları ile Akrilamid Analizi**  
DEMİRHAN B., ER DEMİRHAN B., ŞATANA KARA H. E.  
5. Ulusal Tarım Kongresi, Turkey, 6 - 08 September 2018
- XVIII. **Novel "Turn Off-On" sensors for detection of DNA- acrylamide interaction using Zns quantum dots as a phosphorescent probe**  
ŞATANA KARA H. E.  
12th Int. Symp. on Pharm. Sciences, 26 - 29 June 2018
- XIX. **Phosphorescent detection of DNA-Drug interaction based on emission quenching of ZnS quantum dots via photoinduced electron transfer**  
ŞATANA KARA H. E., Ocak İ.  
Second International Gazi Pharma Symposium Series, GPSS, 11 - 13 October 2017
- XX. **Mn-Doped Zns Quantum Dots as a Room-Temperature Phosphorescent Probe For Analysis of Glutamic Acid in Foodstuffs**  
ŞATANA KARA H. E., DEMİRHAN B., ER DEMİRHAN B.  
2 nd International Gazi Pharma Symposium Series, 11 - 13 October 2017
- XXI. **Rapid Detection of Acrylamide in Food Using Mn-Doped Zns Quantum Dots as a Room Temperature Phosphorescent Probe**  
DEMİRHAN B., ER DEMİRHAN B., ERTAŞ N., ŞATANA KARA H. E.  
2 nd International Gazi Pharma Symposium Series, 11 - 13 October 2017
- XXII. **Evaluation of anticancer drug and DNA interaction using high performance liquid chromatography (HPLC)**  
Evin K., ŞATANA KARA H. E.  
Second International Gazi Pharma Symposium Series, GPSS, 11 - 13 October 2017
- XXIII. **Temozolomid'in biyolojik aktif ürünü AIC ve DNA etkileşiminin yüksek basınçlı sıvı kromatografi yöntemi ile belirlenmesi**  
Evin K., ŞATANA KARA H. E.  
17. Ulusal Kromatografi Kongresi-Kromatografi 17, Turkey, 20 - 22 September 2017
- XXIV. **L Cysteine Capped Mn Doped ZnS Quantum Dots as a Room Temperature Phosphorescence sensor for In Vitro Binding Assay of Idarubicin and DNA**  
Ertas N., ŞATANA KARA H. E.  
International Gazi Pharma Symposium Series, GPSS, 12 - 15 November 2015
- XXV. **Room Temperature Phosphorescence Detrmination of Melamine in Dairy Products Using L Cysteine Capped Mn Doped Zinc Sulfide ZnS Quantum Dots**  
ER DEMİRHAN B., DEMİRHAN B., ŞATANA KARA H. E.  
11th Int. Symp. on Pharm. Sciences, 9 - 12 June 2015

- XXVI. **Electrochemical studies on the interaction of an antitumor drug Idarubicin with DNA**  
Şatana Kara H. E.  
Symposium of the Analytical Division of SPQ-2014, Coimbra, Portugal, 14 - 15 April 2014
- XXVII. **In-situ evaluation of Idarubicin-DNA interaction using spectroscopic techniques**  
Özlüer C., Şatana Kara H. E.  
6BBCAC, 6th Black Sea Basin Conference on Analytical Chemistry, Trabzon, Turkey, 10 - 14 September 2013
- XXVIII. **In situ evaluation of Fludarabine-DNA interaction using a DNA-electrochemical biosensor**  
Şatana Kara H. E., Oliveira-Brett A. M.  
10th Int. Symp. on Pharm. Sciences, Ankara, Turkey, 26 - 29 June 2012
- XXIX. **Electrochemical study of Clofarabine oxidation and DNA-Clofarabine interaction**  
Pontinha A. D., Şatana Kara H. E., Diculescu V. C., Oliveira-Brett A. M.  
XXI International Symposium on Bioelectrochemistry and Bioenergetics, Krakow, Poland, 8 - 12 May 2011
- XXX. **Electrochemical oxidation of Cladribine at a glassy carbon electrode and in situ evaluation of the interaction with DNA**  
Pontinha A. D., Şatana Kara H. E., Diculescu V. C., Oliveira-Brett A. M.  
XXI International Symposium on Bioelectrochemistry and Bioenergetics, Krakow, Poland, 8 - 12 May 2011
- XXXI. **Siyanotik Ve Asiyanotik Çocuklarda Açık Kalp Cerrahisinde Desfluranın Böbrek Fonksiyonları Üzerine Etkisi**  
ÖÇ B., KANBAK M., Akıncı S., ŞATANA KARA H. E., AYPAR Ü.  
Türk Anestezi ve Reanimasyon Kongresi TARK, Turkey, 27 November - 01 December 2003
- XXXII. **Simultaneous determination of Dexpanthenol, Mepyramine Maleate and Lidocaine Hydrochloride in combined pharmaceutical gels by capillary electrophoresis**  
Başmakçı G., Şatana Kara H. E., Yarımkaya S., Ertaş N., Günden Göğeri N.  
28th International Symposium on Chromatography, Valencia, Spain, 12 - 16 September 2010
- XXXIII. **Electrochemical characterization and rapid voltammetric determination of Riluzole in pharmaceuticals and human serum**  
Şatana Kara H. E., Doğan Topal B., Özkan S. A.  
13th International Conference on Electroanalysis, Gijon, Spain, 20 - 24 June 2010
- XXXIV. **Quantitative determination of Paracetamol, Caffeine and Codeine in pharmaceutical tablets by capillary electrophoresis**  
Çakır K., Ertaş N., Şatana Kara H. E., Günden Göğeri N.  
9th Int. Symp. on Pharm. Sciences, Ankara, Turkey, 23 - 26 June 2009
- XXXV. **A solution of spectral interference problem about unknown cream ingredients on active substances**  
Özen G., Şatana Kara H. E., Ertaş N., Günden Göğeri N.  
9th Int. Symp. on Pharm. Sciences, Ankara, Turkey, 23 - 26 June 2009
- XXXVI. **Amperometric enzyme electrode for Glucose determination based on poly(pyrolle-2-aminobenzoic acid)**  
Berkkan A., Seçkin A. İ., Şatana Kara H. E., Pekmez K., Tamer U.  
9th Int. Symp. on Pharm. Sciences, Ankara, Turkey, 23 - 26 June 2009
- XXXVII. **Quantitative determination of Anthralin and Salicylic acid in pharmaceutical creams by HPLC**  
Yılmaz Ş., Şatana Kara H. E., Günden Göğeri N.  
International Symposium on Drug Research and Development "From Chemistry to Medicine" and Educational Fair on "GLP and Laboratory Safety: New Approaches, Ankara, Turkey, 4 - 07 May 2009
- XXXVIII. **Phosphorimetric determination of Carvedilol and Telmisartan in pharmaceutical tablet forms**  
Üncüoğlu E., Şatana Kara H. E., Günden Göğeri N., Ertaş N.  
International Symposium on Drug Research and Development "From Chemistry to Medicine" and Educational Fair on "GLP and Laboratory Safety: New Approaches", Ankara, Turkey, 4 - 07 May 2009
- XXXIX. **Determination of Flurbiprofen in tablets by heavy atom induced room temperature phosphorescence**  
Şatana Kara H. E., Ertaş N., Günden Göğeri N.  
XXII European Conference on the Spectroscopy of Biological Molecules (ECSBM 2007), Paris, France, 1 - 06



September 2007

- XL. **Flow injection spectrofluorometric determination of Citalopram HBr in pharmaceutical formulations**  
Şatana Kara H. E., Günden Göğeri N.  
XXII European Conference on the Spectroscopy of Biological Molecules (ECSBM' 2007), Paris, France, 1 - 07 September 2007
- XLI. **Determination of Etodolac in Pharmaceutical Tablets by Heavy Atom Induced Room Temperature Phosphorescence**  
Şatana Kara H. E., Ertaş N., Günden Göğeri N.  
X National Spectroscopy Congress, İzmir, Turkey, 4 - 07 July 2007
- XLII. **Separation of Citalopram and Desmethylcitalopram by capillary zone electrophoresis**  
Karakaya S., Çakır K., Şatana Kara H. E., Ertaş N., Günden Göğeri N.  
8th Int. Symp. on Pharm. Sciences, Ankara, Turkey, 13 - 16 June 2006
- XLIII. **Determination of Citalopram using flow injection -solid phase extraction (SPE) with spectrofluorometric detection**  
Şatana Kara H. E., Ertaş N., Günden Göğeri N.  
8th Int. Symp. on Pharm. Sciences, Ankara, Turkey, 13 - 16 June 2006
- XLIV. **Determination of Pindolol in tablet by heavy atom induced room temperature phosphorescence**  
Ertaş N., Şatana Kara H. E., Günden Göğeri N.  
8th Int. Symp. on Pharm. Sciences, Ankara, Turkey, 13 - 16 June 2006
- XLV. **Spectrofluorometric determination of Citalopram HBr in pharmaceutical tablets**  
Şatana Kara H. E., Ertaş N., Günden Göğeri N.  
8th Int. Symp. on Pharm. Sciences, Ankara, Turkey, 13 - 16 June 2006
- XLVI. **The Determination of Citalopram in pharmaceutical tablets and serum by capillary electrophoresis**  
Şatana Kara H. E., Uysal Ü. D., Günden Göğeri N., Tunçel M.  
29th International Symposium on Capillary Chromatography & 3th GCxGC Symposium, Trento, Italy, 29 May - 02 June 2006, pp.1-2
- XLVII. **Flow Injection UV determination of Ibuprofen in pharmaceutical matrices**  
Şatana Kara H. E., Basan H., Günden Göğeri N.  
3rd BBCAC, Constanta, Romania, 12 - 14 September 2005, pp.1-2
- XLVIII. **Determination of Ambroxol HCl in tablets by flow injection UV spectrophotometry**  
Şatana Kara H. E., Basan H., Günden Göğeri N., Orbey M. T.  
3rd BBCAC, Constanta, Romania, 12 - 14 September 2005, pp.1-2
- XLIX. **Flow Injection Spectrofluorometric Determination of Citalopram HBr in Pharmaceutical Formulations**  
Şatana Kara H. E., Günden Göğeri N.  
IX National Spectroscopy Congress, Ankara, Turkey, 9 - 11 June 2005
- L. **Quantitative determination of Ketoprofen in gels and ampules by flow injection UV spectrophotometry**  
Özlu C., Basan H., Şatana Kara H. E., Ertaş N., Günden Göğeri N.  
4th Aegean Analytical Chemistry Days, Ankara, Turkey, 29 September - 03 October 2004, pp.1-3
- LI. **Simultaneous determination of Hydrochlorothiazide and Amiloride in pharmaceutical preparations by ratio derivative voltammetry**  
Demircigil B. T., DOĞAN TOPAL B., ŞATANA KARA H. E., ÖZKAN S. A., ŞENTÜRK Z.  
7th Int. Symp. on Pharm. Sciences, 24 - 27 June 2003
- LII. **Anodic stripping voltammetric determination of Haloperidol in pharmaceutical dosage forms and human serum**  
Şatana Kara H. E., Demircigil B. T., Doğan Topal B., Özkan S. A., Şentürk Z.  
7th Int. Symp. on Pharm. Sciences, Ankara, Turkey, 24 - 27 June 2003, pp.1
- LIII. **The determination of Granisetron in tablets and human serum by differential pulse voltammetry**  
Doğan Topal B., Şatana Kara H. E., Demircigil B. T., Özkan S. A., Şentürk Z.  
7th Int. Symp. on Pharm. Sciences, Ankara, Turkey, 24 - 27 June 2003, pp.1-2

- LIV. **Investigations of Electroanalytical Behaviour and Quantitative Determination of Acebutalol**  
Şatana Kara H. E., Özkan S. A., Şentürk Z.  
1st National Analytical Chemistry Congress, Bursa, Turkey, 3 - 05 July 2002
- LV. **Voltammetric behaviour and determination of the b- blocker drug Sotalol Hydrochloride**  
Şatana Kara H. E., Uslu B., Çoruh Ö., Özkan S. A., Şentürk Z.  
6th Int. Symp. on Pharm. Sciences, Ankara, Turkey, 27 - 29 June 2000, pp.1-2
- LVI. **Simultaneous determination of Hydrochlorothiazide and Valsartan in tablets by ultraviolet derivative spectrophotometry**  
Şatana Kara H. E., Altınay Ş., Günden Göğür N., Özkan S. A., Şentürk Z.  
Colloquium Spectroscopicum Internationale XXXI, Ankara, Turkey, 5 - 10 September 1999, pp.1-2

## Episodes in the Encyclopedia

### I. Türk Farmakopesi 2017

USLU B., NEMUTLU E., ŞENER E., KARADENİZ H., ÇELİK H., ŞATANA KARA H. E., ÇELEBİER M., CAN N. Ö., ÜSTÜNDAĞ Ö., BÜYÜKTUNCEL S. E., et al.  
T.C. Sağlık Bakanlığı İlaç ve Tıbbi Cihaz Kurumu, pp., 2017

## Supported Projects

- ŞATANA KARA H. E., Karataş B., Project Supported by Higher Education Institutions, BSAkaplı Pt nanozimlerin civa II iyonu tayininde kullanımı, 2023 - Continues
- Şatana Kara H. E., Bilkay M., Project Supported by Higher Education Institutions, Fenilalanin Kaplı Bakır Nanokümlerin Sentezi ve Kanser İlaçlarının DNA ile Etkileşimlerinin Belirlenmesi İçin Floresant Prob Olarak Kullanımı, 2022 - 2024
- Yıldırım A., Şatana Kara H. E., TUBITAK Project, Anethum Graveolens kullanılarak yeşil sentez metoduyla karbon nanopartikül sentezi ve karakterizasyonu, 2023 - 2023
- Göğür N. G., Şatana Kara H. E., Yılmaz Ş., Yarımkaya Baş S., Project Supported by Higher Education Institutions, Kapiler Elektroferez Yöntemiyle Farmasötik Formlarda Mepiramin Maleat Lidokain HCl Dekspantenol ve Benzalkonyum Klorür Miktar Tayini, 2013 - 2015
- ŞATANA KARA H. E., Project Supported by Higher Education Institutions, Spektrometrik yöntemlerle ilaç miktar tayinleri ve ilaç-DNA etkileşimlerinin belirlenmesi, 2012 - 2013
- ŞATANA KARA H. E., Project Supported by Higher Education Institutions, DNA-İlaç etkileşimlerinin elektrokimyasal yöntemlerle tayini, 2012 - 2013
- ŞATANA KARA H. E., Project Supported by Higher Education Institutions, İlaç Etken Maddelerinin Akışa Enjeksiyonlu Ağır İyon Etkili Oda Sıcaklığında Fosforesans (HAI-RTP) ve HAI-RTP Optosensing Yöntemleri İle Kantitatif Tayinleri, 2008 - 2011
- Göğür N. G., Şatana Kara H. E., Project Supported by Higher Education Institutions, Kapiler Elektroferez Yöntemiyle Parasetamol Kafein ve Kodein Miktar Tayini, 2007 - 2009
- Berkkan A., Tamer U., Şatana Kara H. E., Project Supported by Higher Education Institutions, Elektrokimyasal Biyosensör Tasarımı, 2007 - 2009
- Göğür N. G., Basan H., Şatana Kara H. E., Çam S., Project Supported by Higher Education Institutions, Propifenazonun Akışa Enjeksiyonlu UV Spektroskopisi Yöntemi ile Tayini, 2005 - 2007
- Ertaş N., Tamer U., Şatana Kara H. E., Project Supported by Higher Education Institutions, Elektrokimyasal Kontrollü Sulfolanmış Overoksidize Polipirol Polimer Filminin Katı Faz Mikroekstraksiyon Aparatı Olarak Kullanımı, 2005 - 2007
- Göğür N. G., Basan H., Şatana Kara H. E., Berkkan A., Project Supported by Higher Education Institutions, Sitalopram ve Desmetilsitalopramın Kapiller Elektroferez Yöntemiyle Steriospesifik Tayinleri, 2004 - 2006

## Activities in Scientific Journals

Universal Journal of Pharmaceutical Research , Committee Member, 2016 - Continues  
Pharmaceutical Sciences and Developmental Research , Committee Member, 2015 - 2017  
SRL Pharmaceutica Analytica Acta , Committee Member, 2015 - 2017

## **Memberships / Tasks in Scientific Organizations**

Türk Kimya Derneği, Member, 2021 - Continues, Turkey

## **Scientific Refereeing**

BIOORGANIC CHEMISTRY, Journal Indexed in SCI-E, February 2024  
JOURNAL OF FLUORESCENCE, Journal Indexed in SCI-E, February 2024  
JOURNAL OF SOLID STATE ELECTROCHEMISTRY, Journal Indexed in SCI-E, February 2024  
LUMINESCENCE, Journal Indexed in SCI-E, February 2024  
TUBITAK Project, 1002 - Quick Support Program, Gazi University, Turkey, February 2024  
TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Gazi University, Turkey, August 2023  
SCIENTIFIC REPORTS, SCI Journal, July 2023  
TÜBİTAK International Bilateral Joint Cooperation Program Project, Tunisia Ministry of Higher Education and Scientific Research Bilateral Joint Cooperation Program, Gazi University, Turkey, July 2023  
RSC ADVANCES, SCI Journal, June 2023  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, SCI Journal, June 2023  
RSC ADVANCES, SCI Journal, June 2023  
NEW JOURNAL OF CHEMISTRY, SCI Journal, June 2023  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, SCI Journal, June 2023  
FOOD CHEMISTRY, SCI Journal, June 2023  
FOOD CHEMISTRY, SCI Journal, May 2023  
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A: CHEMISTRY, SCI Journal, May 2023  
Project Supported by Higher Education Institutions, BAP Research Project, Anadolu University, Turkey, May 2023  
FOOD CHEMISTRY, SCI Journal, April 2023  
SCIENTIFIC REPORTS, SCI Journal, April 2023  
NEW JOURNAL OF CHEMISTRY, SCI Journal, April 2023  
FOOD CHEMISTRY, SCI Journal, March 2023  
Universal Journal of Pharmaceutical Research, Other Indexed Journal, February 2023  
JOURNAL OF FLUORESCENCE, SCI Journal, February 2023  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, SCI Journal, February 2023  
FOOD CHEMISTRY, SCI Journal, January 2023  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, SCI Journal, January 2023  
FOOD CHEMISTRY, Journal Indexed in SCI-E, December 2022  
FOOD CHEMISTRY, Journal Indexed in SCI-E, November 2022  
FOOD CHEMISTRY, Journal Indexed in SCI-E, November 2022  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Gazi University, Turkey, November 2022  
Project Supported by Higher Education Institutions, BAP Research Project, Gazi University, Turkey, November 2022  
Project Supported by Higher Education Institutions, BAP Research Project, Gazi University, Turkey, November 2022  
RSC ADVANCES, Journal Indexed in SCI-E, October 2022  
JOURNAL OF FLUORESCENCE, Journal Indexed in SCI-E, October 2022  
JOURNAL OF LUMINESCENCE, Journal Indexed in SCI-E, October 2022  
RSC ADVANCES, Journal Indexed in SCI-E, October 2022

RSC ADVANCES, Journal Indexed in SCI-E, September 2022  
FOOD CHEMISTRY, Journal Indexed in SCI-E, September 2022  
RSC ADVANCES, Journal Indexed in SCI-E, September 2022  
TURKISH JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, August 2022  
FOOD CHEMISTRY, Journal Indexed in SCI-E, August 2022  
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, Journal Indexed in SCI-E, July 2022  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, Journal Indexed in SCI-E, July 2022  
JOURNAL OF SOLID STATE ELECTROCHEMISTRY, Journal Indexed in SCI-E, July 2022  
FOOD CHEMISTRY, Journal Indexed in SCI-E, July 2022  
Project Supported by Higher Education Institutions, BAP Other, Gazi University, Turkey, July 2022  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, Journal Indexed in SCI-E, June 2022  
TURKISH JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, June 2022  
RSC ADVANCES, Journal Indexed in SCI-E, June 2022  
RSC ADVANCES, Journal Indexed in SCI-E, June 2022  
TUBITAK Project, 2224 - International Scientific Activities Support Program, Gazi University, Turkey, June 2022  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Gazi University, Turkey, May 2022  
Project Supported by Higher Education Institutions, BAP PhD, Gazi University, Turkey, May 2022  
RSC ADVANCES, Journal Indexed in SCI-E, April 2022  
FOOD CHEMISTRY, Journal Indexed in SCI-E, April 2022  
TUBITAK Project, 1002 - Quick Support Program, Gazi University, Turkey, April 2022  
ROYAL SOCIETY OPEN SCIENCE, Journal Indexed in SCI-E, March 2022  
RSC ADVANCES, Journal Indexed in SCI-E, March 2022  
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, Journal Indexed in ESCI, February 2022  
RSC ADVANCES, Journal Indexed in SCI-E, February 2022  
FOOD AND CHEMICAL TOXICOLOGY, Journal Indexed in SCI-E, February 2022  
RSC ADVANCES, Journal Indexed in SCI-E, February 2022  
JOURNAL OF MOLECULAR RECOGNITION, Journal Indexed in SCI-E, January 2022  
TURKISH JOURNAL OF CHEMISTRY, SCI Journal, November 2021  
RSC ADVANCES, SCI Journal, October 2021  
RSC ADVANCES, SCI Journal, September 2021  
RSC ADVANCES, SCI Journal, September 2021  
RSC ADVANCES, SCI Journal, August 2021  
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, Journal Indexed in ESCI, August 2021  
RSC ADVANCES, SCI Journal, July 2021  
FOOD CHEMISTRY, SCI Journal, June 2021  
RSC ADVANCES, SCI Journal, June 2021  
RSC ADVANCES, SCI Journal, June 2021  
RSC ADVANCES, SCI Journal, April 2021  
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, Journal Indexed in ESCI, March 2021  
TURKISH JOURNAL OF CHEMISTRY, SCI Journal, March 2021  
ROYAL SOCIETY OPEN SCIENCE, SCI Journal, March 2021  
RSC ADVANCES, SCI Journal, February 2021  
RSC ADVANCES, SCI Journal, February 2021  
RSC ADVANCES, SCI Journal, February 2021  
FOOD CHEMISTRY, SCI Journal, February 2021  
TURKISH JOURNAL OF CHEMISTRY, SCI Journal, January 2021  
UNIVERSAL JOURNAL OF PHARMACEUTICAL RESEARCH, Other Indexed Journal, January 2021  
ANALYTICAL CHEMISTRY, SCI Journal, January 2021  
Journal of Research in Pharmacy, Journal Indexed in ESCI, December 2020  
TURKISH JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, December 2020

ROYAL SOCIETY OPEN SCIENCE, Journal Indexed in SCI-E, November 2020  
RSC ADVANCES, Journal Indexed in SCI-E, November 2020  
RSC ADVANCES, Journal Indexed in SCI-E, October 2020  
RSC ADVANCES, Journal Indexed in SCI-E, October 2020  
Universal Journal of Pharmaceutical Research, Other Indexed Journal, October 2020  
BIOSENSORS & BIOELECTRONICS, Journal Indexed in SCI-E, September 2020  
RSC ADVANCES, Journal Indexed in SCI-E, September 2020  
Journal of Research in Pharmacy, Journal Indexed in ESCI, September 2020  
CHEMICAL PAPERS, Journal Indexed in SCI-E, July 2020  
RSC ADVANCES, Journal Indexed in SCI-E, July 2020  
RSC ADVANCES, Journal Indexed in SCI-E, June 2020  
TURKISH JOURNAL OF ANALYTICAL CHEMISTRY, Other Journals, April 2020  
Journal of Research in Pharmacy, Journal Indexed in ESCI, April 2020  
FABAD Journal of Pharmaceutical Sciences, Other Indexed Journal, April 2020  
RSC ADVANCES, Journal Indexed in SCI-E, April 2020  
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES , Journal Indexed in ESCI, March 2020  
RSC ADVANCES, Journal Indexed in SCI-E, March 2020  
FOOD CHEMISTRY, Journal Indexed in SCI-E, March 2020  
RSC ADVANCES, Journal Indexed in SCI-E, March 2020  
Universal Journal of Pharmaceutical Research, Other Indexed Journal, March 2020  
RSC ADVANCES, Journal Indexed in SCI-E, March 2020  
Journal of Research in Pharmacy, Journal Indexed in ESCI, February 2020  
RSC ADVANCES, Journal Indexed in SCI-E, February 2020  
SCIENTIFIC REPORTS, Journal Indexed in SCI-E, February 2020  
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, Journal Indexed in SCI-E, February 2020  
RSC ADVANCES, Journal Indexed in SCI-E, February 2020  
International Journal of Pharmaceutical Sciences and Developmental Research, Other Indexed Journal, January 2020

## **Scientific Consultations**

TİTCK, Scientific Consultancy, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, Turkey, 2023 - Continues  
TİTCK, Scientific Consultancy, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, Turkey, 2022 - Continues  
TİTCK-Farmakope Birimi, Scientific Consultancy, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, Turkey, 2022 - Continues

## **Tasks In Event Organizations**

Ulutaş O. K., ŞATANA KARA H. E., Ulusal Adli Eczacılık Sempozyumu, Scientific Congress, Ankara, Turkey, Mart 2022  
Şatana Kara H. E., 3th International Gazi Pharma Symposium Series, GPSS 21, Scientific Congress, Ankara, Turkey, Eylül 2021  
Şatana Kara H. E., GaziFarmaSem Gazi Üniversitesi Eczacılık Fakültesi FarmaEkol Öğrenci Topluluğu Sempozyumu, Scientific Congress, Ankara, Turkey, Mart 2018

## **Mobility Activity**

Post Doc, Post Doc, Universidade de Coimbra, Portugal, 2010 - 2011  
Improving Competencies and Qualifications, Guest Researcher, J. Heyrovsky Institute of Physical Chemistry, Czech Republic, 2000 - 2000

## Metrics

Publication: 100

Citation (WoS): 409

Citation (Scopus): 565

H-Index (WoS): 11

H-Index (Scopus): 12

## Congress and Symposium Activities

3th International Gazi Pharma Symposium Series, GPSS 21, Session Moderator, Ankara, Turkey, 2021

3th International Gazi Pharma Symposium Series, GPSS, Attendee, Ankara, Turkey, 2021

13th Int. Symp. on Pharm. Sciences, Attendee, Ankara, Turkey, 2021

3rd International Congress on Agriculture, Environment and Health, Attendee, Aydın, Turkey, 2020

XVI. Ulusal Spektroskopi Kongresi, Attendee, Ankara, Turkey, 2019

17th Edition of International Conference and Exhibition on Pharmaceuticals and Novel Drug Delivery Systems, Attendee, Moscow, Russia, 2018

5. Ulusal Tarım Kongresi, Attendee, Bursa, Turkey, 2018

12th Int. Symp. on Pharm. Sciences, Attendee, Ankara, Turkey, 2018

Second International Gazi Pharma Symposium Series, GPSS, Attendee, Ankara, Turkey, 2017

17. Ulusal Kromatografi Kongresi-Kromatografi 17, Attendee, Çorum, Turkey, 2017

International Gazi Pharma Symposium Series, GPSS, Attendee, Antalya, Turkey, 2015

11th Int. Symp. on Pharm. Sciences, Attendee, Ankara, Turkey, 2015

Symposium of the Analytical Division of SPQ-2014, Attendee, Coimbra, Portugal, 2014

6BBCAC, 6th Black Sea Basin Conference on Analytical Chemistry, Attendee, Trabzon, Turkey, 2013

10th Int. Symp. on Pharm. Sciences, Attendee, Ankara, Turkey, 2012

XXI International Symposium on Bioelectrochemistry and Bioenergetics, Attendee, Krakow, Poland, 2011

28th International Symposium on Chromatography, Attendee, Valencia, Spain, 2010

13th International Conference on Electroanalysis, Attendee, Gijon, Spain, 2010

9th Int. Symp. on Pharm. Sciences, Attendee, Ankara, Turkey, 2009

International Symposium on Drug Research and Development "From Chemistry to Medicine" and Educational Fair on "GLP and Laboratory Safety: New Approaches", Attendee, Ankara, Turkey, 2009

XXII European Conference on the Spectroscopy of Biological Molecules (ECSBM' 2007), Attendee, Paris, France, 2007

X National Spectroscopy Congress, Attendee, İzmir, Turkey, 2007

8th Int. Symp. on Pharm. Sciences, Attendee, Ankara, Turkey, 2006

29th International Symposium on Capillary Chromatography & 3th GCxGC Symposium, Attendee, Trento, Italy, 2006

3rd BBCAC, Attendee, Constanta, Romania, 2005

IX National Spectroscopy Congress, Attendee, Ankara, Turkey, 2005

II. Ulusal HPLC ve Diğer Seperasyon Teknikleri Sempozyumu, Attendee, Ankara, Turkey, 2004

4th Aegean Analytical Chemistry Days, Attendee, Aydın, Turkey, 2004

Türk Anestezi ve Reanimasyon Kongresi TARK 2003 , Attendee, Antalya, Turkey, 2003

7th Int. Symp. on Pharm. Sciences, Attendee, Ankara, Turkey, 2003

1st National Analytical Chemistry Congress, Attendee, Bursa, Turkey, 2002

6th Int. Symp. on Pharm. Sciences, Attendee, Ankara, Turkey, 2000

Uluslararası Katılımlı "6. Biyomedikal Bilim ve Teknoloji Sempozyumu", Attendee, İzmir, Turkey, 1999

Colloquium Spectroscopicum Internationale XXXI, Attendee, Ankara, Turkey, 1999

1. Ege Analitik Kimya Günleri, Attendee, İzmir, Turkey, 1998

## **Scholarships**

TUBİTAK-BİDEB , TUBİTAK, 2010 - 2011

## **Non Academic Experience**

Ministry, Sağlık Bakanlıđı Türkiye İlaç ve Tıbbi Cihaz Kurumu, Analiz ve Farmakope Bilimsel ve Teknik Danışma Komisyonu

Türkiye İlaç ve Tıbbi Cihaz Kurumu

Türkiye İlaç ve Tıbbi Cihaz Kurumu

Türkiye İlaç ve Tıbbi Cihaz Kurumu

Coimbra Üniversitesi, Coimbra-Portekiz

Heyrovsky Enstitüsü, Prag, Çek Cumhuriyeti