Assoc. Prof. SERAP AYAZ SEYHAN

Personal Information

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International Researcher IDs
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Publons / Web Of Science ResearcherID: W-2860-2017
ScopusID: 58328407300
Yoksis Researcher ID: 200785

Education Information

Doctorate, Marmara University, Faculty of Pharmacy, Basic Pharmaceutical Sciences, Turkey 2006 - 2012
Postgraduate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Chemistry, Turkey 2001 - 2004
Undergraduate, Marmara University, Ataturk Faculty of Education, Kimya öğretmenliği, Turkey 1997 - 2001

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Vocational Training, Egitici Gelisimi Egitim Programı, Marmara Üniversitesi, 2017
Vocational Training, Arastırmacılar İçin Deney Hayvanları Kullanımına ait Egitim, Marmara Üniversitesi, 2015
Vocational Training, Management of Human Resources and Communication During Thematic Intensive School on Conservation Science, Marmara University, 2011
Vocational Training, 4th Residential Summer School on Conservation Science, University of Teruel, 2010

Dissertations

Doctorate, Kermesik asit ve flavokermesik asitin asit sabitlerinin ve alüminyum (III) , kalay(II) metalleriyle oluşturdukları komplekslerin kararlılık sabitlerinin potansiyometrik yöntemle tayini, Marmara Üniversitesi, Faculty of Pharmacy, Basic Pharmaceutical Sciences, 2012
Postgraduate, Epirubicin HCI ve irinotecan HCI`in Fe(III) ile etkileşiminin incelenmesi ve epirubicin-Fe(III) kompleksinin oluşum sabitinin bulunması, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, 2004

Research Areas

Pharmacology and Therapeutics, Chemistry

Academic Titles / Tasks

Assistant Professor, Marmara University, Faculty of Pharmacy, Basic Pharmaceutical Sciences, 2019 - Continues
Lecturer PhD, Marmara University, Faculty of Pharmacy, Basic Pharmaceutical Sciences, 2013 - 2019
Research Assistant, Marmara University, Faculty of Pharmacy, Basic Pharmaceutical Sciences, 2002 - 2013

Academic and Administrative Experience

Birim Yönetim Kurulu Üyesi , Marmara University, Rectorate, Akademik Gelişim Birim Koordinatörlüğü, 2019 - Continues

Courses

Analitik Kimya 2, Undergraduate, 2023 - 2024
Doğal Ürünlerde Analitik Yöntem Geliştirme, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
Kimya Tarihi, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
bitirme ödevi II, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
Analitik Kimya II Laboratuvarı, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
Analiz Sonuçlarının İstatistiksel Değerlendirilmesi, Undergraduate, 2021 - 2022, 2020 - 2021
Analitik Kimya 1, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
Bitirme Ödevi I, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
İlaç Analizlerinde Kullanılan Gravimetrik Yöntemler, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Analikik Kimya 1 Laboratuvarı, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
Enstrümental Analiz laboratuvarı, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
Fotoğraf ve Drama, Undergraduate, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Development and validation of stability indicating UPLC methods for related substances and assay analyses of ricobendazole hydrochloride**
Ağtaş Ç., Bellur Atici E., Ayaz Seyhan S., Bilğiç Alkaya D.
Journal of Pharmaceutical and Biomedical Analysis, vol.237, 2024 (SCI-Expanded)

II. **Investigation of the antitumor effect on breast cancer cells of the electrospun amygdalin-loaded poly(L-lactic acid)/poly(ethylene glycol) nanofibers**
Seyhan S., Alkaya D., Cesur S., Sahin A.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.239, 2023 (SCI-Expanded)

III. **DETERMINATION OF AMYGDALIN IN FIFTEEN DIFFERENT FRUIT KERNELS AND EXTRACTION OPTIMIZATION**
Ozturk B. N., AYAZ SEYHAN S., BİLĞİÇ ALKAYA D.
Revue Roumaine de Chimie, vol.67, no.10-12, pp.535-547, 2022 (SCI-Expanded)

IV. **Preparation and characterization of pure natural hydroxyapatite derived from seashells for controlled drug delivery**
AYAZ SEYHAN S., Alkaya D., Cesur S., OKTAR F. N., GÜNDÜZ O.

JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, vol.58, no.4, pp.1231-1240, 2022 (SCI-Expanded)

V. **Characterization and in vitro release kinetics of chitosan based biocomposites from Scotch Bonnets**
BİLĞİÇ ALKAYA D., Cesur S., AYAZ SEYHAN S.
Journal of the Indian Chemical Society, vol.99, no.7, 2022 (SCI-Expanded)

VI. **Preparation and characterization of electrospun polylactic acid/sodium alginate/orange oyster shell composite nanofiber for biomedical application**
Cesur S., Oktar F. N., Ekren N., Kılıç O., Bilğiç Alkaya D., Ayaz Seyhan S., Ege Z. R., Lin C., Erdem Kuruca S., Erdemir G., et al.
Journal of the Australian Ceramic Society, vol.56, no.2, pp.533-543, 2020 (SCI-Expanded)

VII. **Simultaneous Determination of Seven Inorganic Anions in 18 Wines Samples by Suppressed Ion Chromatography**
Bilğiç Alkaya D., Ayaz Seyhan S., Guven G. O.
CHIANG MAI JOURNAL OF SCIENCE, vol.46, no.1, pp.62-71, 2019 (SCI-Expanded)

Articles Published in Other Journals

I. **Validation of an UPLC method for the determination of Pioglitazone Hydrochloride active substance in Pharmaceutical Dosage Forms**
BİLGİÇ KARAAĞAÇ S., BİLĞİÇ ALKAYA D., AYAZ SEYHAN S., ÖZTÜRK B. N.
JOURNAL OF RESEARCH IN PHARMACY, vol.28, no.1, pp.385-395, 2024 (ESCI)

II. **Chemical Synthesis and Characterization of Hydroxyapatite Prepared from Cypraea Annulus**
AYAZ SEYHAN S., Bilgic Alkaya D.
Iğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, no.1, pp.504-512, 2023 (Peer-Reviewed Journal)

III. **The extraction and determination of ellagic acid and resveratrol in blueberry species by HPLC-DAD and LCMS/MS**
Seyhan S., Yalcin G., AYAZ SEYHAN S.
Journal of Research in Pharmacy, vol.27, no.1, pp.311-320, 2023 (Scopus)

IV. **Production, characterization, and antioxidant activity evaluation of Rheum Ribes L. extract-loaded PLA/PEG nanofibers**
AYAZ SEYHAN S., Demirel A. B., Cesur S., BİLĞİÇ ALKAYA D.
Journal of Research in Pharmacy, vol.27, no.1, pp.146-156, 2023 (Scopus)

V. **Temperature dependence studies and microscopic protonation constants of L-alanine and beta-alanine in acetonitrile - water mixtures**
Erensoy H., BİLĞİÇ ALKAYA D., AYAZ SEYHAN S.
OVIDIUS UNIVERSITY ANNALS OF CHEMISTRY, vol.33, no.2, pp.99-103, 2022 (ESCI)

VI. **Production and Characterization of Antituberculostatic Drug-Loaded Nanofibers by Electrospinning Method**
ONURLU H. İ., BİLĞİÇ ALKAYA D., AYAZ SEYHAN S., CESUR S., GÜNDÜZ O.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.22, no.3, pp.654-661, 2022 (Peer-Reviewed Journal)

VII. **The influence of extraction method on antioxidant potential of Tilia argentea flowers and bracts**
AYAZ SEYHAN S., Yılmaz Z., ÇIKLA YILMAZ D.
OVIDIUS UNIVERSITY ANNALS OF CHEMISTRY, vol.31, no.1, pp.14-17, 2020 (ESCI)

VIII. **DPPH Antioksidan Analizinin Yeniden Değerlendirilmesi**
Ayaz Seyhan S.
Batman Üniversitesi Yaşam Bilimleri Dergisi, vol.9, no.2, pp.125-135, 2019 (Peer-Reviewed Journal)

IX. **Comparison of Antioxidant Activities of Two Thyme Species (Thymbra spicata var. spicata and Origanum onites)**
Çıkla Yılmaz D., Özdoğan O., Bulut G., Ayaz Seyhan S.
Uluslararası Doğu Anadolu Fen Mühendislik ve Tasarım Dergisi, vol.1, no.2, pp.296-306, 2019 (Peer-Reviewed

Journal)

X. **Identification of the main dyestuffs obtained from Kermes (Kermes vermilio) in the Northwest of Turkey**
Ayaz Seyhan S., Demirbağ Ç., Dölen E.
Ovidius University Annals of Chemistry, vol.30, pp.1-4, 2019 (ESCI)

XI. **Influence of extraction method on antioxidant properties of Rheum ribes root extract**
Bilğiç Alkaya D., Ayaz Seyhan S., Öztürk B. N.
Ovidius University Annals of Chemistry, vol.30, pp.44-47, 2019 (ESCI)

XII. **Determination of Benzoic Acid in Cranberry (Vaccinium Macrocarpon Ait) by Hplc with Using Different Extraction Methods**
Öztürk B. N., Ayaz Seyhan S., Bilğiç Alkaya D.
Biological and Chemical Research, no.6, pp.8-13, 2019 (Peer-Reviewed Journal)

XIII. **Antioxidant potential of Cydonia oblonga Miller leaves**
ÇIKLA YILMAZ D., AYAZ SEYHAN S.
ISTANBUL JOURNAL OF PHARMACY, vol.47, no.1, pp.9-12, 2017 (ESCI)

XIV. **The Determination of The Acidity Constants and The Stability Constants of Flavokermesic Acid Complexes with Tin(II) and Aluminium(III) Ions by Potentiometric Method**
AYAZ SEYHAN S., Dolen E.
MARMARA PHARMACEUTICAL JOURNAL, vol.19, no.3, pp.186-191, 2015 (ESCI)

XV. **Rapana vonosa da Bulunan İndigoid Boyarmaddelerin Yüksek Performanslı Sıvı Kromatografisi Diyod sıralı Dedektör HPLC DAD ile Belirlenmesi**
DEMİRBAĞ Ç., AYAZ SEYHAN S., EMRE D.
MARMARA PHARMACEUTICAL JOURNAL, vol.18, pp.177-181, 2014 (Peer-Reviewed Journal)

XVI. **The investigation of the interaction of epirubicin HCl with Fe III and the determination of the formation constant of the EPR HCl Fe III complex**
AYAZ SEYHAN S., ÖZDEMİR F., Pekin M.
Annals of Chemistry, vol.18, pp.9-12, 2007 (Peer-Reviewed Journal)

Books & Book Chapters

I. **NATURAL NANOANTIOXIDANT SYSTEMS: RECENT DEVELOPMENTS AND FUTURE PROSPECTS**
BİLĞİÇ ALKAYA D., AYAZ SEYHAN S.
in: INTERNATIONAL STUDIES IN HEALTH SCIENCES, PROF. DR. FILIZ ÖZBAŞ GERÇEKER, PROF. DR. HASAN AKGÜL, PROF. DR. ZELIHA SELAMOĞLU, Editor, Serüven Yayınevi, Ankara, pp.255-272, 2023

II. **Natural-Source Bioceramics and Controlled Drug Release Applications**
BİLĞİÇ ALKAYA D., AYAZ SEYHAN S.
in: Advances in Nanotechnology Volume 29, Zacharie Bartul, Jérôme Trenor, Editor, Nova Science Publishers, New York, pp.211-232, 2023

III. **Determination of Ellagic Acid in the Wastes of Walnut, Chestnut, and Pomegranate Grown in Turkey**
Yalçın G., Demirbağ Ç., Bahsi İ., Özgül L., Bilğiç Alkaya D., Onurlu H. İ., Ayaz Seyhan S.
in: Advances in Plant Phenolics: From Chemistry to Human Health, Guddadarangavvanahally K. Jayaprakasha,Bhimangouda S. Patil,Giuseppe Gattuso, Editor, American Chemical Society see ACS Publications, Washington, pp.81-103, 2018

IV. **Marmara Üniversitesi Eczacılık Fakültesi Bitirme Ödevleri Özet Kitabı (2010-2015)**
Cücü A., Küçükgüzel Ş. G., Kaymakçıoğlu B., Uğurlu T., Yalçın G., Bilğiç Alkaya D., Karaderi S., Erdoğan G., Çıkla Yılmaz D., Ayaz Seyhan S.
in: Marmara Üniversitesi Eczacılık Fakültesi Bitirme Ödevleri Özet Kitabı (2010-2015), Ş. Güniz Küçükgüzel, Editor, Marmara Yayınları, İstanbul, pp.36-87, 2016

Refereed Congress / Symposium Publications in Proceedings

I. **Production of Nanofiber for Combination with Anticancer Tragopon Porrifolius L. Naringenin**
Yeşil E., Ayaz Seyhan S., Bilğiç Alkaya D., Cesur S., Gündüz O.
Applications of Chemistry in Nanosciences and Biomaterials Engineering NanoBioMat 2023 – Summer Edition, Bucuresti, Romania, 28 - 30 June 2023, pp.122

II. **Fabrication and characterization of electrospun ellagic acid-loaded Poly (lactic acid)-polyethylene glycol nanofibers for biomedical application.**
YAŞAR K., YAMLI R., BİLĞİÇ ALKAYA D., AYAZ SEYHAN S., CESUR S., GÜNDÜZ O.
5th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2022), Ankara, Turkey, 23 - 25 November 2022, pp.1351-1355

III. **Fabrication and Characterization of Naringenin-loaded Poly(Lactic Acid) (PLA) Nanofibrous Scaffolds.**
ERDAĞ Z., YEŞİL E., BİLĞİÇ ALKAYA D., AYAZ SEYHAN S., CESUR S., GÜNDÜZ O.
Applications of Chemistry in Nanosciences and Biomaterials Engineering, NanoBioMat 2022,Winter Edition, Romania, 24 - 26 November 2022

IV. **Screening and comparison of antioxidant activity of solvent extracts of medicinal plants grown in Turkey**
YAMLI R., BİLĞİÇ ALKAYA D., AYAZ SEYHAN S., AKTAŞ H., ALTUNBAŞ T., KAVUKÇU F.
5th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2022), Ankara, Turkey, 23 - 25 November 2022, pp.1356-1360

V. **Fabrication and Characterization of Naringenin-loaded Poly(Lactic Acid) (PLA) Nanofibrous Scaffolds**
Erdağ Z., Yeşil E., Bilğiç Alkaya D., Ayaz Seyhan S., Cesur S., Gündüz O.
Applications of Chemistry in Nanosciences and Biomaterials Engineering, NanoBioMat 2022,Winter Edition, Bucuresti, Romania, 24 - 26 November 2022, pp.1

VI. **Fabrication and characterization of electrospun ellagic acid-loaded Poly (lactic acid)-polyethylene glycol nanofibers for biomedical application**
Yaşar K., Yamlı R., Bilğiç Alkaya D., Ayaz Seyhan S., Cesur S., Gündüz O.
5th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2022), Ankara, Turkey, 23 - 25 November 2022, pp.1351-1355

VII. **Synthesis of Medicinal Plant Based Bioactive Electrospun Nanofibrous Mats and Their Effect on The Antioxidant Activity**
Demirel A. B., AYAZ SEYHAN S., BİLĞİÇ ALKAYA D., CESUR S., GÜNDÜZ O.
Applications of Chemistry in Nanosciences and Biomaterials Engineering, NanoBioMat 2022,Summer Edition, Romania, 22 - 24 June 2022

VIII. **Synthesis of Medicinal Plant Based Bioactive Electrospun Nanofibrous Mats and Their Effect on The Antioxidant Activity**
Demirel A. B., Ayaz Seyhan S., Bilğiç Alkaya D., Cesur S., Gündüz O.
Applications of Chemistry in Nanosciences and Biomaterials Engineering, NanoBioMat 2022,Summer Edition, Bucuresti, Romania, 22 - 24 June 2022, pp.1

IX. **Characterization and Application of Silver Nanoparticles Decorated Electrospun Nanofiber Loaded with Naringenin**
Birinci A., Ayaz Seyhan S., Bilğiç Alkaya D., Cesur S., Gündüz O.
Applications of Chemistry in Nanosciences and Biomaterials Engineering, NanoBioMat 2022,Summer Edition, Bucuresti, Romania, 22 - 24 June 2022, pp.1

X. **Characterization and Application of Silver Nanoparticles Decorated Electrospun Nanofiber Loaded with Naringenin**
BİRİNCİ A., AYAZ SEYHAN S., BİLĞİÇ ALKAYA D., CESUR S., GÜNDÜZ O.
Applications of Chemistry in Nanosciences and Biomaterials Engineering, NanoBioMat 2022,Summer Edition, Romania, 22 - 24 June 2022

XI. **Design and Characterization of Medicinal Plant Based Nanofibers and Their Effect on The Antioxidant Activity**
Ekici T., Doğrul E., Bilğiç Alkaya D., Ayaz Seyhan S., Cesur S., Gündüz O.
Applications of Chemistry in Nanosciences and Biomaterials Engineering, NanoBioMat 2022,Summer Edition, Bucuresti, Romania, 22 - 24 June 2022, pp.1

XII. **Fabrication and Characterization of Carbamazepine Loaded Poly(lactic acid) (PLA) Nanofibrous Scaffolds**
Bilğiç Alkaya D., Ayaz Seyhan S., Cesur S., Gündüz O.
Applications of Chemistry in Nanosciences and Biomaterials Engineering – NanoBioMat , Bucuresti, Romania, 25 - 26 June 2021, pp.7

XIII. **Controlled Release of Amygdalin Loaded PLA/PEG Nanofiber by Electrospinning Method**
Ayaz Seyhan S., Bilğiç Alkaya D., Cesur S., Gündüz O.
Applications of Chemistry in Nanosciences and Biomaterials Engineering – NanoBioMat, Bucuresti, Romania, 25 - 26 June 2021, pp.4

XIV. **Loading of tuberculosis drugs to nanofiber structures, fiber optimization**
Onurlu H. İ., Bilğiç Alkaya D., Ayaz Seyhan S., Cesur S., Gündüz O.
2. International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 28 June 2019

XV. **Evaluation of Antioxidant Activity and Total Phenols Content in Acerola (Barbados cherry)**
YAMAŞ M., AYAZ SEYHAN S., BİLĞİÇ ALKAYA D.
International Conference on Agronomy and Food Science and Technology (AgroFood), İstanbul, Turkey, 20 June 2019

XVI. **Gıdalarda nitrofuran grubu antibiyotiklerin kromatografik analizi**
kızıltepe b., AYAZ SEYHAN S.
II. Ulusal Marmara Eczacılık Kongresi (UMEK), İstanbul, Turkey, 14 - 16 November 2018

XVII. **Extraction Optimization of Amygdalin and Determination of Amount of Fruit Kernel by High Performance Liquid Chromatography**
ÖZTÜRK B. N., AYAZ SEYHAN S., BİLĞİÇ ALKAYA D.
FIRST INTERNATIONAL BALKAN CHEMISTRY CONGRESSSite içi arama..WebMail / BYS - Kullanıcı G, 17 - 20 September 2018

XVIII. **Extraction Optimization and Antioxidant Activities of Rheum ribes**
BİLĞİÇ ALKAYA D., AYAZ SEYHAN S., ÖZTÜRK B. N.
IRST INTERNATIONAL BALKAN CHEMISTRY CONGRESS, 17 - 20 September 2018

XIX. **Evaluation of Antioxidant Activity and Total Phenols Content in Plantago major**
AYAZ SEYHAN S., BİLĞİÇ ALKAYA D., ÖZTÜRK B. N.
FIRST INTERNATIONAL BALKAN CHEMISTRY CONGRESSSite içi arama..WebMail / BYS - Kullanıcı G, 17 - 20 September 2018

XX. **Preparation And Characterization Of Silver-Doped Hydroxyapatite From Seashell By Different Methods**
AYAZ SEYHAN S., BİLĞİÇ ALKAYA D., ÖZTÜRK B. N., CESUR S., TOPSAKAL A., OKTAR F. N., GÜNDÜZ O.
KOMPEGE 2018-IV. International Composite Material Symposium 2018", 6 - 09 September 2018

XXI. **Fabrication and Characterization of PLA/SA/HA Composite Nanofiber by Electrospinning for Bone Tissue Engineering Applications**
CESUR S., EKREN N., KILIÇ O., OKTAR F. N., BİLĞİÇ ALKAYA D., AYAZ SEYHAN S., EGE Z. R., GÜNDÜZ O.
4th International Conference on Biomedical Polymers Polymeric Biomaterials (ISBPPB 2018), 15 - 18 July 2018

XXII. **Investıgatıon Of Chıtosan / Trıcalcıum Phosphate (Tcp) Composıte Powders From Scotch Bonnets (Semıcassıs Granulata) As A Drug Controlled Release Matrıces**
BİLĞİÇ ALKAYA D., AYAZ SEYHAN S., CESUR S., GÜNDÜZ O., OKTAR F. N.
ISBPPB 4th International Society for Biomedical Polymers and Polymeric Biomaterials, 15 - 18 July 2018

XXIII. **PRODUCTION of HYDROXYAPATITE–POLY(VINYL ALCOHOL) BASED SCAFFOLD for DRUG DELIVERY from ORANGE SPINY OYSTER SEASHELL (SPONDYLUS BARBATUS)**
AYAZ SEYHAN S., BİLĞİÇ ALKAYA D., CESUR S., OKTAR F. N., GÜNDÜZ O.

ISBPPB 4th International Society for Biomedical Polymers and Polymeric Biomaterials (ISBPPB), 15 - 18 July 2018

XXIV. **Determination of Benzoic Acid in Cranberry (Vaccinium macrocarpon) by HPLC with Using Different Extraction Methods**
ÖZTÜRK B. N., AYAZ SEYHAN S., BİLĞİÇ ALKAYA D.
4th International Congress on Applied Biological Sciences, 3 - 05 May 2018

XXV. **Hidroksiapatit (HAp) ve Biyomedikal Uygulamaları**
AYAZ SEYHAN S.
3. Ulusal Uygulamalı Biyolojik Bilimler Kongresi, Turkey, 3 - 05 May 2018

XXVI. **Evaluation of Antioxidant Activity and Total Phenols Content in Red and White Wines from Different Area of Turkey**
AYAZ SEYHAN S., BİLĞİÇ ALKAYA D., ÖZGÜN GÜVEN G.
International Meeting on Education and Research in Health Sciences, (IMER-HS), İstanbul, Turkey, 3 - 05 November 2017

XXVII. **Determination of Pioglitazone Hydrochloride in Tablets by Ultra-Performance Liquid Chromatography**
BİLGİÇ KARAAĞAÇ S., BİLĞİÇ ALKAYA D., AYAZ SEYHAN S., DEMİRBAĞ Ç.
International Meeting on Education and Research in Health Sciences, (IMER-HS), İstanbul, Turkey, 3 - 05 November 2017

XXVIII. **The Effect of Storage Conditions on Antioxidant Activities and Total Phenolic Contents in Blueberry Samples Grown in The Turkey**
AYAZ SEYHAN S.
International Meeting on Education and Research in Health Sciences, (IMER-HS), İstanbul, Turkey, 3 - 05 November 2017

XXIX. **Sülfonamid grubu Antibiyotiklerin Kullanım Alanları ve Gıdalarda Yapılan Analizleri**
BAYINDIR F., AYAZ SEYHAN S.
Uluslararası İlaç ve Eczacılık Kongresi, İstanbul, Turkey, 26 - 29 April 2017

XXX. **Statin Grubu İlaçlar Üzerine Yapılmış Analiz Çalışmaları**
ÖZEN H., AYAZ SEYHAN S.
Uluslararası İlaç ve Eczacılık Kongresi (IVEK), 26 - 29 April 2017

XXXI. **Determination of ellagic acid in the wastes of wallnut, chestnut and pomegranate grown in Turkey using HPLC-DAD method**
Yalcin G., Demirbag C., Bahsi I., Ozgul L., Bilgic D., Onurlu H. I., AYAZ SEYHAN S.
253rd National Meeting of the American-Chemical-Society (ACS) on Advanced Materials, Technologies, Systems, and Processes, San-Francisco, Costa Rica, 2 - 06 April 2017, vol.253

XXXII. **Amfenikol grubu antibiyotiklerin kullanım alanları ve gıdalarda yapılan analizleri**
EKMEN L., AYAZ SEYHAN S.
I. Ulusal Marmara Eczacılık Kongresi, Turkey, 3 - 05 November 2016

XXXIII. **Analysis of Inorganic Anions in Wines Using Suppressed in IonChromatography**
ÖZGÜN GÜVEN G., AYAZ SEYHAN S., BİLĞİÇ ALKAYA D.
10 AACD, 29 September - 02 October 2016

XXXIV. **Bitki ve Meyvelerde Bulunan Amigdalin Üzerine Yapılmış Analiz Çalışmaları**
TOUMPAN MESTAN E., AYAZ SEYHAN S.
2. Uluslararası İlaç ve Eczacılık Kongresi, İstanbul, Turkey, 27 - 29 November 2015

XXXV. **Quinoa Chenopodium Quinoa Willd Bitkisi Üzerine Yapılmış Analiz Çalışmaları**
KOÇ A., AYAZ SEYHAN S.
2. Uluslararası İlaç ve Eczacılık Kongresi, 27 - 29 November 2015

XXXVI. **Re Evaluatıng Of The Dpph Antıoxıdant Assay**
AYAZ SEYHAN S., DEMİRBAĞ Ç., YALÇIN G.
DRD 2015–International Multidisciplinary Symposium on Drug Research and Development, Eskişehir, Turkey, 15 - 17 October 2015

XXXVII. **Antioxidant potential of Cydonia oblonga leaves**

ÇIKLA YILMAZ D., AYAZ SEYHAN S., BULUT G.
International Multidisciplinary Symposium on Drug Research & Development in memory of Proffesor Ünsal Çalış, Turkey, 15 - 17 October 2015

XXXVIII. **Investigation Of Black Cumin Nigella Sativa L Seeds And Its Oil In Terms Of Antioxidant Activity And Total Phenols Content**
BECEREN A., AYAZ SEYHAN S.
DRD 2015–International Multidisciplinary Symposium on Drug Research and Development, Eskişehir, Turkey, 15 - 17 October 2015

XXXIX. **Method validation of inorganic anions in wines using suppressed in ion chromatography**
BİLĞİÇ ALKAYA D., AYAZ SEYHAN S., ÖZGÜN GÜVEN G.
International Multidisciplinary Symposium on Drug Research and Development DRD, 15 - 17 October 2015

XL. **Validation of an Ion Chromatographic Method for The Quantification of Inorganic Anions in Wines**
BİLĞİÇ ALKAYA D., AYAZ SEYHAN S., Gülsüm Ö. G.
DRD 2015–International Multidisciplinary Symposium on Drug Research and Development, Eskişehir, Turkey, 15 - 17 October 2015

XLI. **Atioxidant Potential of Cydonia Oblonga Leaves**
ÇIKLA YILMAZ D., AYAZ SEYHAN S., BULUT G.
DRD 2015–International Multidisciplinary Symposium on Drug Research and Development, Turkey, 15 - 17 October 2015

XLII. **Trachystemon Orientalis L G Don bitkisinin farklı kısımlarının antioksidan aktivitelerinin incelenmesi**
AYAZ SEYHAN S., AYDEMİR S., BECEREN A., AKGÜN S. G.
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015

XLIII. **Kaldirik Trachystemon Orientalis L G Don Bitkisinin Sulu Ekstraktlarının Antioksidan Aktivite ve Toplam Fenol İçeriklerinin Belirlenmesi**
AYDEMİR S., AYAZ SEYHAN S., AKGÜN S. G., BECEREN A.
27. Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015

XLIV. **Bitkisel çayların hazırlanmasında sıcaklığın biyoaktivite üzerine etkisi**
AYDEMİR S., AYAZ SEYHAN S., AKGÜN S. G., OMURTAG G. Z., ERDOĞAN N.
27. Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015

XLV. **KALDİRİK Trachystemon Orientalis L G Don bitkisinin sulu ekstraktlarının antioksidan aktivite ve toplam fenol içeriklerinin belirlenmesi**
AYDEMİR S., AYAZ SEYHAN S., AKGÜN S. G., BECEREN A.
27. Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015

XLVI. **Flavonoidlerin ekstraksiyonu ve analiz calismalari**
AYAZ SEYHAN S.
2. İstanbul Eczacılık Kongresi, İstanbul, Turkey, 22 - 24 May 2015

XLVII. **Rikobendazol Hidroklorür Aktif Maddesi için Stabilite Göstergeli ilgili Bileşikler ve Miktar Tayini için Ultra Performanslı Sıvı Kromotografisi ile Yöntem Geliştirme ve Validasyonu**
AĞTAŞ Ç., BİLĞİÇ ALKAYA D., AYAZ SEYHAN S., BELLUR ATICI E., RIDVANOĞLU N.
Uluslararası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Turkey, 22 - 25 March 2018

XLVIII. **Karadut Morus nigra Meyvesi Üzerine Yapılan Çalışmalar**
AYAZ SEYHAN S., İmren Y.
Uluslararası İlaç ve Eczacılık Kongresi, İstanbul, Turkey, 28 - 30 November 2014

XLIX. **Determining of Major Phenolic Compounds of Pomegranate Wines with Reverse Phase HPLC DAD Method**
DEMİRBAĞ Ç., AYAZ SEYHAN S., YALÇIN G., ÇAKIR N.
4th International Meeting on Pharmacy & Pharmaceutical Sciences (IMPPS-4), 18 - 21 September 2014

L. **The Analysis of Tetracyclines in Food**
Demirtaş O., AYAZ SEYHAN S.
4th International Meeting on Pharmacy & Pharmaceutical Sciences (IMPPS-4), İstanbul, Turkey, 18 - 21 September

2014

LI. **Optimization of The Extraction of Phenolic Compounds from Blueberry**
AYAZ SEYHAN S., DEMİRBAĞ Ç., YALÇIN G.
4th International Meeting on Pharmacy & Pharmaceutical Sciences (IMPPS-4), İstanbul, Turkey, 18 - 21 September 2014

LII. **Identification of Indigoid Dyes Found in Rapana venosa by High Performance Liquid chromatography with Diode array Dedection**
DEMİRBAĞ Ç., AYAZ SEYHAN S., Dölen E.
Dyes in History & Archaeology 32, La Rochelle, France, 2 - 05 October 2013, vol.18, pp.177-181

LIII. **Determining stability constants of kermesic acid and flavokermesic acid complexes with aluminium III by potentiometric method**
Dölen E., AYAZ SEYHAN S.
Dyes in History & Archaeology 29, lizbon, Portugal, 11 - 12 November 2010, vol.3, pp.67

LIV. **Kermesik Asit ve Flavokermesik Asitin Asit Sabitlerinin ve Alüminyum III Kalay II Metalleriyle Oluşturdukları Komplekslerin Karalılık Sabitlerinin Potansiyometrik Yöntemle Tayini**
AYAZ SEYHAN S.
2012 Mezunlarının Diploma Töreni ve 13. Yüksek Lisans ve Doktora Günleri, İstanbul, Turkey, 14 - 15 November 2013

LV. **Determination of Ellagic Acid and Resveratrol in Blueberry Samples Grown in the Turkey**
Süleyman S., YALÇIN G., AYAZ SEYHAN S.
XI. International Ethnobotany Symposio, Antalya-Turkey, Antalya, Turkey, 2 - 05 November 2013, vol.25, pp.79

LVI. **The Analysis of the Relative Abundance of the Dyestuffs Obtained from Kermes Kermes Vermillio in the Northwest of Turkey**
AYAZ SEYHAN S., DEMİRBAĞ Ç., Dölen E.
Dyes in History & Archaeology 32, La Rochelle, France, 2 - 05 October 2013

LVII. **Determining stability constants of kermesic acid and flavokermesic acid complexes with tin II by potentiometric method**
Emre D., AYAZ SEYHAN S.
Dyes in History & Archaeology 30, Derby, United Kingdom, 13 - 15 October 2011

LVIII. **Different ways in writing chemical formulae and equation in 19th century Turkey**
Dölen E., AYAZ SEYHAN S.
8th International Conference on the History of Chemistry, Rostock, Germany, 14 - 16 September 2011

LIX. **Datiscetin 2 3 5 7 Tetrahidroksiflavon in alüminyum III ve demir II ile oluşturduğu komplekslerin kararlılık sabitlerinin potansiyometrik ve spektrofotometrik olarak tayini**
Şahsuvaroğlu A., AYAZ SEYHAN S., Dölen E., KARADAĞ R.
25th National Chemistry Congress with International Participation, Erzurum, Turkey, 27 June - 02 July 2011

LX. **Potentiometric determination of the stability constants of kermesic acid complexes with aluminium III**
Dölen E., AYAZ SEYHAN S.
4th Residential Summer School on Conservation Science, 19 - 30 July 2010

LXI. **Analysis of color difference of tea Infusions**
GEDİK G., AYAZ SEYHAN S.
Third International Meeting on Pharmacy and Pharmaceutical Sciences, İstanbul, Turkey, 9 - 12 June 2010

LXII. **The Investigation of the interaction of epirubicin HCl with Fe III and the determination of the formation constant of the EPR HCl Fe III complex**
AYAZ SEYHAN S., ÖZDEMİR F., Pekin M.
3rd Black Sea Basın Conference on Analytical Chemistry, Romania, 12 - 14 September 2005, vol.18, pp.9-12

LXIII. **Epirubicin HCl in Cu II Co II Zn II ve Mg II ile Etkileşimlerinin Potansiyometrik Yöntemle İncelenmesi**
AYAZ SEYHAN S., ÖZDEMİR F., Pekin M.
III. Ulusal Analitik Kimya Kongresi, Çanakkale, Turkey, 5 - 07 July 2006

LXIV. **Potentiometric investigation of formation constant of complex of irinotecan HCl with Fe III and trace**

elements as Co II Cu II Zn II
ÖZDEMİR F., AYAZ SEYHAN S., PEKİN M.
International Congress on Analytical Sciences, Moskva, Russia, 25 - 30 June 2006

LXV. **CTP 11 irinotecan HCl Adlı Antikanserojen İlacın Fe 3 ile Etkileşiminin Spektrofotometrik İncelenmesi**
ÖZDEMİR F., AYAZ SEYHAN S., Pekin M.
IX. Ulusal Spektroskopi Kongresi, Ankara, Turkey, 9 - 11 June 2005

Expert Reports

I. **Ürün İmha Raporu**
Şener A., Karakuş S., Alarçin E., Ayaz Seyhan S., Beceren A.
Gilead Sciences İlaç Tic.Ltd. Şti., pp.2, İstanbul, 2021

Supported Projects

Ayaz Seyhan S., Çıkla Yılmaz D., Demirbağ Ç., Yalçın G., Project Supported by Higher Education Institutions, Türkiye'de Yetişen Nar, Yaban Mersini ve Ürünlerinde Antioksidan Kapasite Tayini ve Yöntemlerin Kromatografik Olarak İncelenmesi, 2013 - 2023
Ayaz Seyhan S., Bilğiç Alkaya D., Öztürk B. N., Project Supported by Higher Education Institutions, Amigdalinin Ekstraksiyon Optimizasyonu ve Meyve Çekirdeklerindeki Miktarının Yüksek Performanslı Sıvı Kromatografisiyle Tayini, 2018 - 2020
Ayaz Seyhan S., Project Supported by Higher Education Institutions, Orange Spiny Oyster Deniz Kabuğundan (Spondylus Barbatus) İlaç Taşımaya Yönelik Hidroksiapaptit-Poli (Vinil Alkol) Bazlı İskele Üretimi, 2018 - 2019
Şenkardeş S., Tınaz G., Şahbaz S., Ayaz Seyhan S., Project Supported by Higher Education Institutions, Marmara University, Faculty of Pharmacy Instrumental Analysis Laboratory Project, 2017 - 2018
Yalçın G., Demirbağ Ç., Çakır N., Bilğiç Alkaya D., Ayaz Seyhan S., Onurlu H. İ., Project Supported by Higher Education Institutions, Türkiyede Yetişen Nar Türleri ve Üretilen Şaraplardaki Temel Fenolik Bileşiklerin Belirlenmesi ve HPLC-DAD Yöntemi ile Miktar Tayini, 2013 - 2016

Student Project

Other, Antialzheimer Etkili Memantin ve Naringenin Elektrospun Nanofiber Aracılıgıyla Ikili Ilaç Tasıyıcı Sistemin Üretimi, Marmara University, Faculty of Pharmacy, Basic Pharmaceutical Sciences, Turkey, 2022 - Continues
Other, Zno ve Amoksisilin Katkılı 3B baskılı Hidroksiapatit/Polivinil alkol/Sodyum Aljinat Kompozit Yapı iskelelerin Üretimi ve ilaç Salınımı Üzerine Etikleri, Marmara University, Faculty of Pharmacy, Basic Pharmaceutical Sciences, Turkey, 2022 - Continues

Scientific Refereeing

Osmanlı Bilimi Araştırmaları, National Scientific Refreed Journal, March 2023
Turkey Institutes of Health Administration Project, TUSEB, Turkey, February 2023
Turkey Institutes of Health Administration Project, TUSEB, Turkey, June 2022
Turkey Institutes of Health Administration Project, TUSEB, Turkey, June 2022
Turkey Institutes of Health Administration Project, TUSEB, Turkey, June 2022
Turkey Institutes of Health Administration Project, TUSEB, Turkey, June 2022
Turkey Institutes of Health Administration Project, TUSEB, Turkey, June 2022
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, SCI Journal, February 2022

FOOD CHEMISTRY, SCI Journal, September 2020
ACTA pharmeceutcia sciencia, Other Indexed Journal, May 2018
Marmara pharmaceutical journal, Journal Indexed in ESCI, February 2015

Metrics

Publication: 97
Citation (WoS): 75
Citation (Scopus): 71
H-Index (WoS): 4
H-Index (Scopus): 3

Awards

Demirel A. B., Ayaz Seyhan S., Bilğiç Alkaya D., Cesur S., Gündüz O., Çalışma ödülü, The Academy Of Romanian Scientists And University Politehnica Of Bucharest A, June 2022
Bilğiç Alkaya D., Ayaz Seyhan S., Cesur S., Gündüz O., Çalışma ödülü, The Academy Of Romanian Scientists And University Politehnica Of Bucharest , June 2021