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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 1990 - 1995

Postgraduate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey 1987 - 1989

Undergraduate, Ankara University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1979 - 1983

Dissertations

Doctorate, Sigara izmarit zifiri üzerine kromatografik çalışmalar, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Kimya (Dr), 1995

Postgraduate, Sigara filtre zifirinde benz (a) pirenin HPLC ile tayini, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 1989

Research Areas

Health Sciences, Agricultural Sciences, Natural Sciences

Academic Titles / Tasks

Professor, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2006 - 2012

Academic and Administrative Experience

Kirikkale University, 1998 - 1999

Courses

Anallitik Kimya I, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Anallitik Kimya II, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Kromatografi I, Postgraduate, 2013 - 2014, 2011 - 2012, 2009 - 2010

Enstrumental Analiz I, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

Analitik Kimya Lab. II, Undergraduate, 2013 - 2014, 2012 - 2013

Enstrumental Analiz II , Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
Enstrumental Analiz Lab., Undergraduate, 2012 - 2013, 2010 - 2011
Kromatografiye Giriş, Undergraduate, 2012 - 2013, 2011 - 2012
Analitik Kimya Lab. I, Undergraduate, 2012 - 2013
Gaz Kromatografi, Doctorate, 2012 - 2013
Analitik Kim. Lab. I, Undergraduate, 2011 - 2012, 2010 - 2011, 2009 - 2010
Staj, Undergraduate, 2011 - 2012
Genel Kimya Lab. II, Undergraduate, 2011 - 2012
Genel Kimya Lab. I, Undergraduate, 2011 - 2012
Analitik Kim. Lab. II, Undergraduate, 2010 - 2011, 2009 - 2010
Analitik Kim. II , Undergraduate, 2009 - 2010
Kromatografi II , Postgraduate, 2009 - 2010
Analitik Kim.I , Undergraduate, 2009 - 2010

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Capillary electrophoretic method for the simultaneous determination of nitrate, nitrite and bromate ions in some selected plants**
Tembo Z. N., AYGÜN Ş. F.
JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, vol.101, no.13, pp.5391-5397, 2021 (SCI-Expanded)
- II. **Determination of polycyclic aromatic hydrocarbons (PAHs) in drinking water of Samsun and its surrounding areas, Turkey**
AYGÜN Ş. F., Bagecevan B.
JOURNAL OF ENVIRONMENTAL HEALTH SCIENCE AND ENGINEERING, vol.17, no.2, pp.1205-1212, 2019 (SCI-Expanded)
- III. **Determination of Cd(II) by FAAS in Turkish Cigarette Tobacco: A Pre-Concentration Procedure with Diethyldithiocarbamate Immobilized Amberlite XAD-2 Resin**
AYGÜN Ş. F., Ustaosman B. C., Karacan M.
ASIAN JOURNAL OF CHEMISTRY, vol.24, no.4, pp.1551-1553, 2012 (SCI-Expanded)
- IV. **Determination of Cd(II) by FAAS in turkish cigarette tobacco: A pre-concentration procedure with diethyldithiocarbamate immobilized amberlite XAD-2 resin**
AYGÜN Ş. F., Ustaosman B. C., Karacan M.
Asian Journal of Chemistry, vol.24, no.4, pp.1551-1553, 2012 (SCI-Expanded)
- V. **EFFECT OF HEXAVALENT CHROMIUM ON THE GROWTH AND PHYSIOLOGICAL AND BIOCHEMICAL PARAMETERS ON BRASSICA OLERACEA L. VAR. ACEPHALA DC**
Özdener Kömpe Y., AYDIN KILIÇ B., AYGÜN Ş. F., YÜREKLİ F.
ACTA BIOLOGICA HUNGARICA, vol.62, no.4, pp.463-476, 2011 (SCI-Expanded)
- VI. **Determination of Heavy Metal in Anchovy (*Engraulis encrasicolus* L 1758) and Whiting (*Merlangius merlangus euxinus* Nordman, 1840) Fish in The Middle Black Sea**
AYGÜN Ş. F., Abanoz F. G.
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.17, 2011 (SCI-Expanded)
- VII. **COPPER EFFECTS ON THE ANTIOXIDATIVE RESPONSES OF COPPER-TOLERANT *HIRSCHFELDIA INCANA* (L.) LEAVES**
AYGÜN Ş. F., Özdener Kömpe Y., AYDIN KILIÇ B., Demir E., Ustaosman B. C.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.20, no.8A, pp.2050-2058, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **Simultaneous determination of nitrate, nitrite and bromate by capillary zone electrophoresis in tea**

infusions grown in the Black Sea region of Turkey

Tembo Z. N., Seker Aygun F., Yavuz Erdoğan B.

SEPARATION SCIENCE PLUS, vol.4, no.1, pp.45-53, 2021 (ESCI)

- II. **Determination of Fe, Mn, Cu, Zn and Cd after Heat Treatment in some vegetables and Green Bean (Phaseolus vulgaris L.) grown in the Middle Black Sea Region**
AYGÜN Ş. F., Ayşegül Y. İ., YAVUZ ERDOĞAN B.
International Journal of Agricultural Science and Food Technology, vol.3, no.3, pp.42-48, 2017 (Peer-Reviewed Journal)
- III. **A comparison of normal(-CN) and reversed (C-18) phase chromatographic behaviour of polycyclic aromatic hydrocarbons**
AYGÜN Ş. F., Özcimder M.
Turkish Journal of Chemistry, vol.20, no.4, pp.269-275, 1996 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **BORON KATKILI ELMAS ELEKTROT ÜZERİNDE SİTRULİNİN ADSORPTİFSİYIRMA VOLTAMETRİ METODUYLA ELEKTROKİMYASAL DAVRANIŞI**
YAVUZ ERDOĞAN B., AYGÜN Ş. F.
INTERNATIONAL BLACK SEA COASTLINE COUNTRIES SYMPOSIUM - 2 Samsun 2019, 20 - 22 July 2019
- II. **ELEKTROANALYTICAL INVESTIGATION AND VOLTAMMETRIC DETERMINATION OF CITRULLINE IN HUMAN SALIVA USING GLASSY CARBON ELECTRODE**
YAVUZ ERDOĞAN B., AYGÜN Ş. F.
International Black Sea Coastline Countries Symposium-2, 20 - 22 July 2019
- III. **Alevli AAS ile Çeşitli Pekmezlerde Ağır Metal Tayini**
AYGÜN Ş. F.
29. Ulusal Kimya Kongresi, Turkey, 10 September 2017
- IV. **Microwave Assisted Extraction Technique for the Determination of Benzo A Pyrene Bap by HPLC Fluorescence Detection in Turkish Black Tea**
AYGÜN Ş. F.
AACD 2016, 29 September - 02 October 2016
- V. **Determination of Carcinogenic Benzo A Pyrene Bap After Heat Treatment in Some Black Tea Grown in the Eastern Black Sea Region Turkey**
AYGÜN Ş. F.
AACD 2016, 29 September - 02 October 2016