

Prof. Ahmet Uyanık

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International Researcher IDs

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Education Information

Doctorate, University of Aberdeen, Department Of Chemistry, England 1990 - 1994

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

Undergraduate, Ankara University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1979 - 1985

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, An Investigation into The Preparation, High-Pressure Behaviour, and Stability of Pre-Mixed Volatile Liquid Anaesthetics in Entonox, University of Aberdeen, Department Of Chemistry, 1994

Postgraduate, Zirai mücadele ilacı karbarilin çevredeki kalıntı durumunun incelenmesi, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 1989

Research Areas

Adsorption Spectroscopy, Atomic and Molecular Spectroscopy, Separation Methods, Chromatographic Analysis

Academic Titles / Tasks

Professor, Ondokuz Mayıs University, Fen Fakültesi, Kimya Bölümü, 2008 - Continues

Associate Professor, Ondokuz Mayıs University, Fen Fakültesi, Kimya Bölümü, 1999 - Continues

Assistant Professor, Ondokuz Mayıs University, Fen Fakültesi, Kimya Bölümü, 1994 - Continues

Research Assistant, Ondokuz Mayıs University, Fen Fakültesi, Kimya Bölümü, 1986 - Continues

Academic and Administrative Experience

Ondokuz Mayıs University, 2019 - Continues

Ondokuz Mayıs University, 2017 - 2020

Amasya University, 2000 - 2000

Courses

FKİ648 Kimyada İleri Bilgisayar Kullanımı I, Postgraduate, 2014 - 2015, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007

FKİ637 Analitik Kimyacılar için İstatistik, Postgraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009

KİM101 Genel Kimya I, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

Superkritik Olaylar ve Ekstraksiyon, Undergraduate, 2013 - 2014, 2012 - 2013

KİM102 Genel Kimya II, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

KİM416 Kalite Kontrol, Undergraduate, 2013 - 2014, 2012 - 2013, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007

KİM202 Analitik Kimya II, Undergraduate, 2013 - 2014, 2011 - 2012, 2010 - 2011, 2008 - 2009, 2007 - 2008, 2006 - 2007

KİM433 Araştırma Teknikleri, Undergraduate, 2013 - 2014, 2006 - 2007

Kalite Güvencesi ve Standartları, Undergraduate, 2013 - 2014

KİM356 Enstrümental Analiz Laboratuvarı, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

FKİ649 Kimyada İleri Bilgisayar Kullanımı II, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

KİM201 Analitik Kimya I, Undergraduate, 2012 - 2013, 2010 - 2011, 2008 - 2009, 2006 - 2007, 2004 - 2005

FKİ650 Süperkritik Olaylar ve Süperkritik Ekstraksiyon, Postgraduate, 2010 - 2011, 2009 - 2010

KİM206 Bilgisayar Programlama II, Undergraduate, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2000 - 2001

KİM205 Bilgisayar Programlama I, Undergraduate, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2000 - 2001

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **PHYTOREMEDIATION OF CADMIUM IN SOIL AND HYDROPONICS BY TRADESCANTIA FLUMINENSIS**
ÇAY S., ENGİN M. S., Uyanık A., Cay C., GÜNEY S.
CARPATHIAN JOURNAL OF EARTH AND ENVIRONMENTAL SCIENCES, vol.14, no.2, pp.269-274, 2019 (SCI-Expanded)
- II. **Investigation of trace metals distribution in water, sediments and wetland plants of Kizilirmak Delta, Turkey**
ENGİN M. S., Uyanık A., ÇAY S.
INTERNATIONAL JOURNAL OF SEDIMENT RESEARCH, vol.32, no.1, pp.90-97, 2017 (SCI-Expanded)
- III. **Evaluation of trace metals in sediment, water, and fish (*Mugil cephalus*) of the central Black Sea coast of Turkey**
ENGİN M. S., Uyanık A., ÇAY S., KIR İ.
HUMAN AND ECOLOGICAL RISK ASSESSMENT, vol.22, no.1, pp.241-250, 2016 (SCI-Expanded)
- IV. **EDTA Supported Phytoextraction of Cd from Contaminated Soil by Four Different Ornamental Plant Species**
ÇAY S., Uyanık A., ENGİN M. S.
SOIL & SEDIMENT CONTAMINATION, vol.25, no.3, pp.346-355, 2016 (SCI-Expanded)
- V. **Effect of EDTA and Tannic Acid on the Removal of Cd, Ni, Pb and Cu from Artificially Contaminated Soil by *Althaea rosea* Cavan**
Cay S., Uyanık A., ENGİN M. S., Kutbay H. G.

INTERNATIONAL JOURNAL OF PHYTOREMEDIATION, vol.17, no.6, pp.568-574, 2015 (SCI-Expanded)

- VI. **Removal of Heavy Metals Using *Myriophyllum verticillatum* (Whorl-Leaf Watermilfoil) in a Hydroponic System**
ÜÇER A., Uyanık A., Kutbay H. G.
EKOLOJİ, vol.22, no.87, pp.1-9, 2013 (SCI-Expanded)
- VII. **AN INVESTIGATION ON THE HEAVY METAL CONTENTS OF *Myriophyllum verticillatum*, *Dreissena polymorpha*, *Potamon fluviatilis* AND THEIR SEASONAL VARIATION IN LAKE KOVADA**
KIR İ., Engin M. S., Uyanık A.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.21, no.8, pp.2038-2042, 2012 (SCI-Expanded)
- VIII. **THE REMOVAL OF CADMIUM (II), COPPER (II) AND LEAD (II) FROM AQUEOUS SOLUTIONS BY OLIVE TREE PRUNING WASTE**
Uzunosmanoglu O., Uyanık A., Engin M. S.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.20, no.12, pp.3135-3140, 2011 (SCI-Expanded)
- IX. **Effect of the Adsorptive Character of Filter Papers on the Concentrations Determined in Studies Involving Heavy Metal Ions**
Engin M. S., Uyanık A., Cay S., İcbudak H.
ADSORPTION SCIENCE & TECHNOLOGY, vol.28, no.10, pp.837-846, 2010 (SCI-Expanded)
- X. **Elemental analysis of tobacco leaves by FAAS and WDXRF spectroscopy**
Camas N., Arslan B., Uyanık A.
ASIAN JOURNAL OF CHEMISTRY, vol.20, no.4, pp.3135-3142, 2008 (SCI-Expanded)
- XI. **Synthesis, characterization and chromotropic properties of Mn-II, Co-II, Ni-II and Cu-II with bis(acesulfamato)bis(3-methylpyridine) complexes**
İcbudak H., Adıyaman E., Uyanık A., Cakir S.
TRANSITION METAL CHEMISTRY, vol.32, no.7, pp.864-869, 2007 (SCI-Expanded)
- XII. **Synthesis, thermal, spectroscopic and structural properties of di(aqua)bis(N,N'-dimethylethylenediamine-k(2)N,N')copper(II) acesulfamate**
İcbudak H., Uyanık A., Bulut A., Arici C., Uelkue D.
ZEITSCHRIFT FÜR KRISTALLOGRAPHIE, vol.222, no.8, pp.432-436, 2007 (SCI-Expanded)
- XIII. **Spectrophotometric determination of the tannin contents of various Turkish black tea, beer and wine samples**
TINKİLİÇ N., Uyanık A.
International Journal of Food Sciences and Nutrition, vol.52, no.3, pp.289-294, 2001 (SCI-Expanded)
- XIV. **Spectrophotometric determination of uranium in waste water of phosphoric acid and fertilizer manufacturing process**
Uyanık A., TINKİLİÇ N., Odabaşoğlu M., Karaca H.
Turkish Journal of Chemistry, vol.23, no.3, pp.275-284, 1999 (SCI-Expanded)
- XV. **Gas chromatography in the low concentration determination of nitrous oxide and volatile anaesthetics**
Uyanık A.
Turkish Journal of Chemistry, vol.22, no.3, pp.267-271, 1998 (SCI-Expanded)

Articles Published in Other Journals

- I. **Effect of the environmental temperature on the degradation period of carbaryl**
Uyanık A., Özdemir M.
Turkish Journal of Agriculture and Forestry, vol.23, no.6, pp.579-584, 1999 (Scopus)
- II. **Effect of temperature and some common metals on the stability of volatile anaesthetic-Entonox mixtures**
Uyanık A., Marr I.
Journal of Chromatography B: Biomedical Applications, vol.709, no.2, pp.217-223, 1998 (Scopus)

- III. **Gas chromatography in anaesthesia I. A brief review of analytical methods and gas chromatographic detector and column systems**
Uyanık A.
Journal of Chromatography B: Biomedical Applications, vol.693, no.1, pp.1-9, 1997 (Scopus)
- IV. **Analysis of anaesthetic gas mixtures of halothane (isoflurane or enflurane), N₂O, air and CO₂ by dual column gas-solid chromatography**
Uyanık A., Marr I.
Chromatographia, vol.43, no.11-12, pp.675-677, 1996 (Scopus)
- V. **Distribution of uranium in the production of triple superphosphate (TSP) fertilizer and phosphoric acid**
Erdem E., Tinkılıç N., Yılmaz V. T., Uyanık A., Ölmez H.
Fertilizer Research, vol.44, no.2, pp.129-131, 1995 (Scopus)

Books & Book Chapters

- I. **DENEYSEL HATA, İSTATİSTİK**
UYANIK A.
in: Nicel Kimyasal Analiz Quantitative Chemical Analysis Eighth Edition Daniel C Harris 2011, Prof. Dr. Ali Rehber Türker, Editor, PALME YAYINEVİ, pp.51-95, 2015
- II. **MOLEKÜL ŞEKLİ VE YAPISI**
UYANIK A.
in: Genel Kimya İlkeler ve İçyüzünü Kavrama Chemical Principles Fifth Edition Peter Atkins Loretta Jones 2010, Prof. Dr. Ali Rehber Türker, Editor, PALME YAYINEVİ, pp.91-130, 2013

Refereed Congress / Symposium Publications in Proceedings

- I. **Humic and fulvic acids analysis by modified alkaline extraction method**
UYANIK A., KAHYAOĞLU İ. M.
CUKUROVA 8th INTERNATIONAL SCIENTIFIC RESEARCHES CONFERENCE, Adana, Turkey, 15 - 17 April 2022
- II. **Correlation between total organic carbon and humic and-or fulvic acid contents of different dam sediments**
UYANIK A., KAHYAOĞLU İ. M.
CUKUROVA 8th INTERNATIONAL SCIENTIFIC RESEARCHES CONFERENCE, Adana, Turkey, 15 - 17 April 2022
- III. **Endüstride Kullanılan Temel İstatistik**
UYANIK A.
Uluslararası 3. İlaç ve Eczacılık Kongresi (IVEK 3rd 2017), İstanbul, Turkey, 26 - 29 April 2017, pp.88
- IV. **Evaluation of Two Ornamental Plants for Phytoremediation of Cd Contaminated Soil**
ÇAY S., UYANIK A.
International Conference on Civil and Environmental Engineering (ICOCEE – Cappadocia 2015), Nevşehir, Turkey, 20 - 23 May 2015
- V. **Thermal Behaviour of the Nicotinamide Adducts of Co II Ni II Cu II and Zn II Acetylsalicylates**
NECEFOĞLU H., İÇBUDAK H., KÖSE D. A., UYANIK A.
18th International Conference on Coordination and Bioinorganic Chemistry, Smolenice, Slovakia, 4 - 08 June 2001
- VI. **Spectrometric Determination of the Tannins in the Various Turkish Tea Beer and Wine Samples**
TINKILIÇ N., UYANIK A.
XIV. Ulusal Kimya Kongresi, Diyarbakir 2000, Diyarbakır, Turkey, 10 - 15 September 2000

Supported Projects

Uyanık A., Project Supported by Higher Education Institutions, Investigation of trace metals distribution in water, sediments and wetland plants of Kizilirmak Delta, Turkey, 2018 - 2019

Uyanık A., Project Supported by Higher Education Institutions, Kimya Bölümü Öğrenci Laboratuvarlarının Alt Yapısının İyileştirilmesi, 2018 - 2019