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Personal Information

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Education Information

Doctorate, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI), Turkey 1992 - 1998

Post Graduate, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI), Turkey 1988 - 1992

Under Graduate, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, Turkey 1982 - 1986

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Kimyasal Ölçümlerde Kalite, TÜBİTAK, UME, 2018

Dissertations

Doctorate, Development of method for the determination of heavy metals in environmental samples and its applications, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI), 1998

Post Graduate, Determination of organic and inorganic Tin compounds by molecular emission cavity analysis, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI), 1992

Research Areas

Chemistry, Analytical Chemistry, Atomic and Molecular Spectroscopy, Natural Sciences

Academic Titles / Tasks

Associate Professor, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Kimya, 2017 - Continues

Assistant Professor, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 1998 - 2015

Research Assistant, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 1994 - 1998

Research Assistant, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, 1993 - 1994

Professional Experience

Head of Department, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2003 - 2013

Deputy Head of Department, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2006 - 2009

Courses

Analitik Kimya I, Under Graduate, 2018 - 2019

Advising Theses

AY Ü., Zeytin yağlarının oksidatif bozunmasının floresans tekniği ile incelenmesi, Post Graduate, F.Kara(Student), 2018

AY Ü., Poliaraomatik bileşiklerle oluşan inclusion kompleksler üzerine ağır metallerin etkisinin floresans tekniği ile incelenmesi, Post Graduate, S.Ezgi(Student), 2017

AY Ü., Marmara denizinde organik kalay kirliliğinin mevsimsel olarak araştırılması, Doctorate, M.Tunç(Student), 2017

AY Ü., İçme sularında demir türlemesi, Post Graduate, M.Aşık(Student), 2016

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Investigation by Fluorescence Technique of the Quenching Effect of Co²⁺ and Mn²⁺ Transition Metals, on Naphthalene-Methyl-Beta-Cyclodextrin Host-Guest Inclusion Complex**
Ay U., SARLIS E.
JOURNAL OF FLUORESCENCE, vol.28, pp.1371-1378, 2018 (Journal Indexed in SCI)
- **THE STUDY OF ADSORPTION OF ANTHRACENE ONTO PMMA-FUNCTIONALIZED MWCNTS AND PRISTINE MWCNTS BY FLUORESCENCE SPECTROSCOPY TECHNIQUE**
Ay U., Isik M., ARSU N.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, pp.3886-3890, 2017 (Journal Indexed in SCI)
- **Investigation of heavy metal pollutants at various depths in the Gulf of Izmit**
ERGÜL H. A. , VAROL T., Ay U.
MARINE POLLUTION BULLETIN, vol.73, pp.389-393, 2013 (Journal Indexed in SCI)
- **DEVELOPMENT OF A NEW METHOD FOR THE DETERMINATION OF ARSENIC IN BABY FORMULAS BY USING EXTRACTION METHOD**
GUNDOGDU O., Ay U.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.22, pp.3584-3587, 2013 (Journal Indexed in SCI)
- **DETERMINING FLOTATION CONDITIONS OF ZINC WITH COPPER alpha-BENZOIN-OXIME**
Karayunlu S., Ay U.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.20, pp.1553-1557, 2011 (Journal Indexed in SCI)
- **Spectrophotometric Determination of Total Inorganic Arsenic with Hexamethylene Ammonium-Hexamethylenedithiocarbamate in Nonionic Triton X-100 Micellar Media**
Karayunlu S., Ay U.
JOURNAL OF ANALYTICAL CHEMISTRY, vol.65, pp.244-248, 2010 (Journal Indexed in SCI)
- **Modification in direct analysis method: metal levels in raw milk at the region of Izmit by graphite furnace atomic absorption spectrophotometer**
Ay U., Karayunlu S.
INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, vol.43, pp.326-329, 2008 (Journal Indexed in SCI)
- **Atomic absorption spectrometry determination of Cd, Cu, Fe, Ni, Pb, Zn, and Tl traces in seawater following flotation separation**
KOJUNCU Y., BUNDALEVSKA J., Ay U., CUNDEVA K., STAFILOV T., AKCIN G.
SEPARATION SCIENCE AND TECHNOLOGY, vol.39, pp.2751-2765, 2004 (Journal Indexed in SCI)
- **Cobalt(III) hexamethylenedithiocarbamate as a new collector for flotation preconcentration of iron, nickel, lead, and zinc prior to ETAAS**
Ay U., CUNDEVA K., AKCIN G., STAFILOV T., ZAJKOVA V., PAVLOVSKA G.
ANALYTICAL LETTERS, vol.37, pp.695-710, 2004 (Journal Indexed in SCI)
- **Interferences in the quartz tube atomizer during arsenic and antimony determination by hydride generation atomic absorption spectrometry**
Ay U., HENDEN E.

Articles Published in Other Journals

- **Dilovası (Kocaeli/Türkiye) Bölgesinden Alınan Yüzey Topraklarındaki Ağır Metal İçeriklerinin Kemometrik Değerlendirilmesi**
BİNGÖL D., AY Ü., Uzgören N., KARAYÜNLÜ BOZBAŞ S.
Cumhuriyet Science Journal, vol.39, pp.23-33, 2018 (Other Refereed National Journals)
- **Chemometric Evaluation of the Heavy Metal Contents in Surface Soils from the Dilovası Region (Kocaeli/Turkey)**
Bingöl D., Karayünlü Bozbaş S., Ay Ü., Uzgören N.
Cumhuriyet Science Journal, vol.38, pp.23-33, 2018 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- **Heavy Metal Concentrations in Biota and sediment and Sea Water Samples from Dil İskelesi Region**
ERGÜL H. A. , AY Ü., KARADEMİR A., TELLİ B., ÇAYIR B., TOPCUOĞLU S., TERZİ M.
CIESM 39, Venedik, Italy, 3 - 05 October 2010, vol.1, pp.246
- **PAH PCB Concentrations in Mussels *Mytilus galloprovincialis* from Izmit Bay**
ERGÜL H. A. , PEKEY B., KARADEMİR A., TELLİ B., TERZİ M., AY Ü.
CIESM 39, Venedik, 10 - 14 Mayıs 2010, vol.1, pp.67

Supported Projects

AY Ü., Project Supported by Higher Education Institutions, POLİAROMATİK HİDROKARBON ESASLI BİLEŞİKLERİN METİL-BETA-SİKLODEKSTRİN İLE KOMPLEKS OLUŞUMLARININ FLORESANS ÖZELLİKLERİNİN İNCELENMESİ, 2018 - 2019

AY Ü., Project Supported by Higher Education Institutions, POLİAROMATİK HİDROKARBON (PAH) BİLEŞİKLERİN METİL-BETA-SİKLODEKSTRİN İLE HOST-QUEST İNCLUSION KOMPLEKS OLUŞUMLARI VE OLUŞAN KOMPLEKSLERE AĞIR METAL ETKİSİNİN FLORESANS TEKNİĞİYLE İNCELENMESİ, 2017 - 2019

Citations

Total Citations (WOS):66

h-index (WOS):5