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Post Adress: Ege Üniversitesi Fen Fakültesi Kimya Bölümü Bornova İZMİR

Education Information

Doctorate, Ege Üniversitesi, Fen Fakültesi , Kimya Bölümü/ Analitik Kimya Anabilimdalı, Turkey 2004 - 2010

Post Graduate, Ege Üniversitesi, Fen Fakültesi , Kimya Bölümü/ Analitik Kimya Anabilimdalı, Turkey 2002 - 2004

Under Graduate, Ege Üniversitesi, Fen Fakültesi , Kimya Bölümü, Turkey 1997 - 2002

Foreign Languages

English, C1 Advanced

German, A1 Beginner

Certificates, Courses and Trainings

Occupational Health and Safety, Entegre Atık Yönetimi ve Tehlikeli Atıkları İdaresi Projesi, Ege Üniversitesi, 2016

Occupational Health and Safety, Meslek Hastalıklarının Sebepleri, Hastalıktan Korunma Prensipleri ve ..., Ege Üniversitesi, 2015

Occupational Health and Safety, Çalışma Mevzuatı ile İlgili BilgilerÇalışanların Yasal Hak ve Sorumlulukları..., Ege Üniversitesi, 2015

Education Management and Planning, UV-VIS / AAS /Microwave Sample Preparation Systems, ANALYTIKJENA, 2014

Education Management and Planning, TÜBİTAK 1001-1002 Programları Kapsamında Proje Hazırlama Eğitimi, 2237 Proje Eğitimi Etkinliklerini Destekleme Programı Kapsamında TÜBİTAK, 2013

Education Management and Planning, AFM/SPM Workshop, BRUKER AXS SAS (NANO), ANATEK, 2013

Education Management and Planning, ICP-OES System, PerkinElmer, 2012

Education Management and Planning, UHPLC- Kromatografiye Giriş, HPLC, Kolonlar ve İleri Uygulama Teknikleri GCMS, ANT Teknik, 2012

Quality Management, Measurement Uncertainty for Testing Laboratories, Strengthening Quality Infrastructure in Turkey Project - TR0702.12.01/001, 2012

Quality Management, KALİTE KONTROL KARTI, EGEPAL- Ege Üniversitesi Akaryakıt Analiz Laboratuvarı, 2011

Quality Management, TEKRARLANABİLİRLİK VE STANDART SAPMA, EGEPAL-Ege Üniversitesi Akaryakıt Analiz Laboratuvarı, 2011

Quality Management, ÖLÇÜM BELİRSİZLİĞİ, EGEPAL-Ege Üniversitesi Akaryakıt Analiz Laboratuvarı, 2011

Quality Management, SEBEP ANALİZİ VE DÜZELTİCİ, ÖNLEYİCİ FAALİYETLER, EGEPAL- Ege Üniversitesi Akaryakıt Analiz Laboratuvarı, 2010

Quality Management, İç Denetim, EGEPAL -Ege Üniversitesi Akaryakıt Analiz Laboratuvarı, 2010

Quality Management, TS EN ISO/EC 17025 DENEY VE KALİBRASYON LABORATUVARLARININ YETERLİLİĞİ İÇİN GENEL SARTLAR, EGEPAL- Ege Üniversitesi Akaryakıt Analiz Laboratuvarı, 2010

Dissertations

Doctorate, İçme Sularından Arsenik Giderilmesi İçin Sorbent Geliştirilmesi, Ege Üniversitesi, Fen Fakültesi, Kimya

Bölümü/ Analitik Kimya Anabilimdalı, 2010

Post Graduate, İçme Sularında Arseniğin Tayini ve Uzaklaştırılması, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü/

Analitik Kimya Anabilimdalı, 2004

Research Areas

Environmental Sciences, Environmental Chemistry, Environmental Technology, Waste Water Collection and Treatment, Contaminated Sites and Remediation, Water Pollution and Control, Water Supply and Treatment, Soil and Groundwater Pollution and Control, Chemistry, Analytical Chemistry, Atomic and Molecular Spectroscopy, Separation Methods, Spectroscopical Methods, Surface Analysis, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2018 - Continues

Other, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2010 - Continues

Research Assistant, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2007 - 2010

Courses

Analitik Kimya, Associate Degree, 2016 - 2017

Genel Kimya-I, Associate Degree, 2017 - 2018

Analitik Kimya - II.Ö., Associate Degree, 2016 - 2017

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

- **Removal of five cationic dyes using a resin coated with nickel/nickel boride nanoparticles**
CINAR M., İŞLEK COŞKUN Y., DENİZ ÇİFTÇİ T.
TURKISH JOURNAL OF CHEMISTRY, vol.42, pp.505-519, 2018 (Journal Indexed in SCI)
- **Adsorption of Cu(II) on three adsorbents, Fe₃O₄/Ni/NixB nanocomposite, carob (Ceratonia siliqua), and grape seeds: a comparative study**
Ciftci T.
TURKISH JOURNAL OF CHEMISTRY, vol.41, pp.760-772, 2017 (Journal Indexed in SCI)
- **Leaching of arsenic from glazed and nonglazed potteries into foods**
Ciftci T., HENDEN E.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.569, pp.1530-1535, 2016 (Journal Indexed in SCI)
- **A novel nanoadsorbent Ni/NixB for preconcentration of arsenic(III) and arsenic(V) before hydride generation-atomic absorption spectrometric determination**
Coskun Y., Ciftci T. D. , HENDEN E.
DESALINATION AND WATER TREATMENT, vol.57, pp.20411-20421, 2016 (Journal Indexed in SCI)
- **Arsenic Speciation of Waters from the Aegean Region, Turkey by Hydride Generation: Atomic Absorption Spectrometry**
Ciftci T., HENDEN E.
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.97, pp.272-278, 2016 (Journal Indexed in SCI)
- **Nickel/nickel boride nanoparticles coated resin: A novel adsorbent for arsenic(III) and arsenic(V) removal**
Ciftci T., HENDEN E.
POWDER TECHNOLOGY, vol.269, pp.470-480, 2015 (Journal Indexed in SCI)
- **A study of mechanism of nickel interferences in hydride generation atomic absorption spectrometric determination of arsenic and antimony**
HENDEN E., İŞLEK Y., KAVAS M., AKSUNER N., YAYAYÜRÜK O., CİFTÇİ T. D. , İLKTAÇ R.
SPECTROCHIMICA ACTA PART B-ATOMIC SPECTROSCOPY, vol.66, pp.793-798, 2011 (Journal Indexed in

SCI)

- **Study of arsenic(III) and arsenic(V) removal from waters using ferric hydroxide supported on silica gel prepared at low pH**

CİFTÇİ T. D. , YAYAYÜRÜK O., HENDEN E.

ENVIRONMENTAL TECHNOLOGY, vol.32, pp.341-351, 2011 (Journal Indexed in SCI)

Articles Published in Other Journals

- **Topraktan Asidik ve Bazik Sulara Arsenik, Bakır, Demir, Kurşun Geçişinin İncelenmesi**
Deniz Çiftçi T.
Karaelmas Fen ve Mühendislik Dergisi, vol.8, pp.73-78, 2018 (National Refreed University Journal)
- **Adsorptive properties of Fe₃O₄/Ni/NixB nanocomposite coated nutshell for the removal of arsenic(iii) and arsenic(V) from waters**

Ciftci T.

COGENT CHEMISTRY, vol.3, 2017 (Journal Indexed in ESCI)

Book & Book Chapters

- **Separation of arsenic from waters using inorganic adsorbents**

Henden E., Deniz Çiftçi T.

in: Innovative Materials and MethodsforWater Treatment: Solutionsfor Arsenic and Chromium Removal, Bryjak M.,Kabay N.,Rivas B.L.,Bundschuh J., Editor, CRC, New York , Leiden, pp.67-78, 2016

Refereed Congress / Symposium Publications in Proceedings

- **Micro Solid Phase Extraction: A Green Technique in Determination and Biomonitoring of Endocrine Disruptor Organophosphates**

PELİT F., PELİT L., BAĞATIR ERBAŞ İ., YAVUZ T., DİZDAŞ T. N. , DENİZ ÇİFTÇİ T., OCAKOĞLU K.

2nd International Conference Pollution in Living and Working Environments and Health, Italy, 30 - 31 October 2017

Other Publications

- **Environmental Chemistry Laboratory Manual**

HENDEN E., AKSUNER N., DENİZ ÇİFTÇİ T., YAYAYÜRÜK O., PELİT F., ERDEM YAYAYÜRÜK A., İŞLEK COŞKUN Y.

Experiment, pp.38, 2014

- **INSTRUMENTAL ANALYSIS II LABORATORY MANUAL**

HENDEN E., AKSUNER N., DENİZ ÇİFTÇİ T., YAYAYÜRÜK O., PELİT L., ERDEM YAYAYÜRÜK A.,

KARABİBEROĞLU Ş., Özdokur V.

Experiment, pp.37, 2013

Supported Projects

Deniz Çiftçi T., Kurses S., TUBITAK Project, Nano Boyutta Ni-Magnetit Adsorbanının Sentezi ve Sulardan Arsenik Giderilmesinde Kullanılması, 2013 - 2014

Deniz Çiftçi T., Taşçı E., TUBITAK Project, Arsenik Arıtımı için Adsorban Hazırlanması ve Optimum Çalışma Koşullarının Belirlenmesi, 2012 - 2013

Activities in Scientific Journals

Annals of Nutritional Food and Current Research, Publication Committee Member, 2017 - Continues

Scientific Refereeing

Analytical Letters, SCI Journal, February 2019
Journal of Hazardous Materials , SCI Journal, January 2019
Desalination and Water Treatment, SCI Journal, November 2018
Environmental Science and Pollution Research, SCI Journal, October 2018
Journal of Hazardous Materials , SCI Journal, September 2018
Journal of Hazardous Materials , SCI Journal, July 2018
Journal of the Turkish Chemical Society, Section A: Chemistry, Other Indexed Journal, December 2017
Separation Science and Technology, SCI Journal, November 2017
Powder Technology, SCI Journal, October 2017
Powder Technology, SCI Journal, June 2017
Environmental Science and Pollution Research, SCI Journal, May 2017
TALANTA, SCI Journal, May 2017
Cogent Engineering, Other Indexed Journal, April 2017
Turkish Journal of Chemistry, SCI Journal, April 2017
Desalination and Water Treatment, SCI Journal, March 2017
Analytical Letters, SCI Journal, March 2017
Turkish Journal of Chemistry, SCI Journal, February 2017
Desalination and Water Treatment, SCI Journal, January 2017
Journal of Nanoparticle Research, SCI Journal, December 2016
Desalination and Water Treatment, SCI Journal, November 2016
Environmental Monitoring and Assessment, SCI Journal, October 2016
Desalination and Water Treatment, SCI Journal, October 2016
Journal of Nanoparticle Research, SCI Journal, July 2016
Journal of Nanoparticle Research, SCI Journal, June 2016
Journal of Nanoparticle Research, SCI Journal, June 2016
Journal of Nanoparticle Research, SCI Journal, April 2016
SOJ Materials Science and Engineering, Other Indexed Journal, April 2016
Analytical Letters, SCI Journal, January 2016
Journal of Nanoparticle Research, SCI Journal, December 2015
Analytical Letters, SCI Journal, November 2015
Environmental Monitoring and Assessment, SCI Journal, October 2015
Environment International, SCI Journal, May 2015
Analytical Letters, SCI Journal, April 2015
Journal of Nanoparticle Research, SCI Journal, February 2015
Journal of Nanoparticle Research, SCI Journal, November 2014
Environmental Monitoring and Assessment, SCI Journal, October 2014
Analytical Letters, SCI Journal, October 2014
Journal of Nanoparticle Research, SCI Journal, September 2014
Environmental Monitoring and Assessment, SCI Journal, September 2014
Journal of Nanoparticle Research, SCI Journal, September 2014
Journal of Nanoparticle Research, SCI Journal, August 2014
Journal of Nanoparticle Research, SCI Journal, July 2014
Environmental Monitoring and Assessment, SCI Journal, April 2014
Journal of Nanoparticle Research, SCI Journal, February 2014
Analytical Letters, SCI Journal, January 2014
Journal of Nanoparticle Research, SCI Journal, July 2013
Analytical Letters, SCI Journal, June 2013

Invited Congress and Symposium Activities

- Novel Magnetic Dipersive u-SPE Method Using Fe₃O₄/Ni/Ni₃B Nanocomposite Adsorbent for the Analysis of Pesticides, Attendee, Ankara, Turkey, 2017
- Micro Solid Phase Extraction: A Green Technique in Determination and Biomonitoring of Endocrine Disruptor Organophosphates, Attendee, Italy, 2017
- Removal of Cationic Dyes on Nickel/Nickel Boride Nanoparticles Coated Resin, Attendee, Sarajevo, Bosnia And Herzegovina, 2017
- Synthesis of a Novel Adsorbent Nano Ni Fe Supported on Nutshell, and the Adsorption of As(III) and As(V), Attendee, Mersin, Turkey, 2016
- Yüksek Derisimde Arsenik İçeren Suların Yakın Çevresindeki Toprak Örneklerinde Liç Yöntemiyle Arsenik Demir Bakır Kursun Analizi, Attendee, Elazığ, Turkey, 2015
- Removal of Arsenic Species from Waters, Attendee, Turkey, 2014
- Investigation of Arsenic Leaching from Pottery to Foods, Attendee, İzmir, Turkey, 2014
- Nickel / Nickel Boride Nanoparticles Coated Resin: A Novel Adsorbent for Arsenic(III) and Arsenic(V) Removal, Attendee, Turkey, 2013
- Nano Nikel Nikel Borür Kaplanmış Reçine ile Arsenik Giderilmesi Denge ve Kinetik Çalışmaları, Attendee, Turkey, 2013
- Eser Düzeydeki Arsenigin Ni NixB Kullanılarak Önderistirilmesi ve HGAAS ile Tayini, Attendee, İzmir, Turkey, 2013
- A Novel Adsorbent Nickel / Nickel Boride Nanoparticles Coated Resin for Arsenic (III) and Arsenic(V) Removal, Attendee, Turkey, 2012
- Ni/Ni₃B Nanopartiküllerle Önderiştirme Sonrası Arsenik Tayini, Attendee, Antalya, Turkey, 2011
- Eser Arsenik Tayinleri İçin Önderiştirme Yöntemi Geliştirilmesi, Attendee, Zonguldak, Turkey, 2010
- Hidrür sistemli atomik soğurma spektrometresi uygulamaları, Attendee, Erzurum, Turkey, 2010
- Eser Cıva Analizleri ve Cıva Tür Tayinleri, Attendee, Denizli, Turkey, 2010
- İzmir çevresi köy sularında arsenik izlenmesi ve toksisite açısından değerlendirilmesi, Attendee, Turkey, 2009
- Çocuk saçlarında toksik metal ölçümleri ve toksisite değerlendirilmesi, Attendee, Ankara, Turkey, 2009
- Development of an Arsenic Removal Technique and Application to Real Samples, Attendee, İzmir, Turkey, 2009
- TÜBİTAK Bilim ve Teknoloji İnsan Kaynakları Stratejisi Sekizinci Çalıştayı, Attendee, Düzce, Turkey, 2008
- A New Method for the Preparation of an Adsorbent for the Removal of Arsenic Species in Drinking Water, Attendee, Denizli, Turkey, 2008
- Adsorptif Arsenik Giderme Yöntemi Üzerine Çalışmalar, Attendee, Elazığ, Turkey, 2008
- Sulardan Arsenik Artımı İçin Hidratize Demir Oksit Adsorbanı Hazırlama ve Arsenik Giderme Koşullarının Optimizasyonu, Attendee, Çanakkale, Turkey, 2006
- Determination and Removal of Arsenic Species in Water, Attendee, Antalya, Turkey, 2006
- Sularda Arsenik Bileşikleri ve Artım, Attendee, Aydın, Turkey, 2005
- Bor Minerallerinden Arsenik Giderilmesi, Attendee, Ankara, Turkey, 2005
- Determination and Removal of Arsenic Species in Drinking Water, Attendee, İstanbul, Turkey, 2003

Citations

Total Citations (WOS):90

h-index (WOS):5

Scholarships

Doktora Bursu, TÜBİTAK, 2006 - 2010

Awards

