Doç.Dr. Kübra ALTUNTAŞ

İş Telefonu: +90 212 383 5399

Fax Telefonu: +90 212 383 5355

E-posta: kulucan@yildiz.edu.tr

Diğer E-posta: kubra.altuntas@unipd.it

Web: http://wwwdisc.chimica.unipd.it/k.ulucan.altuntas/

Uluslararası Araştırmacı ID'leri

ORCID: 0000-0001-8811-7948

Publons / Web Of Science ResearcherID: V-9724-2017

Yoksis Araştırmacı ID: 206339

Biyografi

EU Marie Skłodowska Curie Action Individual Fellowship (MSCA-IF) Holder

Eğitim Bilgileri

I. Doktora, Yıldız Teknik Üniversitesi, Fen Blimleri Enstitüsü, Çevre Mühendisliği, Türkiye 2011 - 2018
II. Yüksek Lisans, Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Çevre Mühendisliği, Türkiye 2008 - 2011
III. Lisans, Yıldız Teknik Üniversitesi, İnşaat Fakültesi, Çevre Mühendisliği Bölümü, Türkiye 2003 - 2007

Yabancı Diller

I. İngilizce, C1 İleri
II. İtalyanca, B1 Orta
III. Almanca, B1 Orta

Araştırma Alanları

Elektrokimyasal Teknolojiler, Çevre Teknolojileri, Nanomalzemeler, Gazlar, Plazmalar ve Elektriksel Boşalmalar Fiziği, Plazma fiziği, Kemometri

Akademik Unvanlar / Görevler

I. Dr.Öğr.Üyesi, Universita Degli Studi di Padova, Dipartimento di Scienze Chimiche, 2019 - Devam Ediyor
II. Araştırma Görevlisi Dr., Yıldız Teknik Üniversitesi, İnşaat Fakültesi, Çevre Müh.Bölümü, 2017 - 2021
III. Araştırma Görevlisi, Yıldız Teknik Üniversitesi, İnşaat Fakültesi, Çevre Müh.Bölümü, 2009 - 2017
IV. Araştırmacı, Technische Universitaet Braunschweig, Institut Für Ökologische Chemie Und Abfallanalytik, Ökologischen Chemie, 2013 - 2013
V. Araştırmacı, Universita Degli Studi di Catania, Facoltà Di Ingegneria., Dipartimento Di Ingegneria Meccanica, Chimica E Dei Materiali, 2010 - 2011

Verdiği Dersler

Verdiği Dersler

I. Biyolojik Temel İşlemler, Lisans, 2018 - 2019
II. Kimyasal Temel İşlemler, Lisans, 2018 - 2019, 2017 - 2018

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XII. **Electrocoagulation Process for Metal Plating Wastewater: Kinetic Modellingand Energy Consumption**
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VI. **Sızıntı Sularının Evsel Atıksularla Birlikte Eektrokoagülasyon Prosesiyle Arıtılabilirliğinin İncelenmesi**
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IV. **Binary Adsorption of Copper and Nickel Metal Ions on Nano Zero Valent Iron Supported on Activated Carbon (AC-nZVI)**
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I. **Non−thermal plasma based approaches for the degradation of poly− and perfluoroalkyl substances (PFAS) in water and leachate**
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II. **Degradation of Perfluorooctanoic Acid (PFOA) in Water by Non-Thermal Plasma Enhanced by Boron-Doped Reduced Graphene Oxide**
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III. **Degradation of Perfluoroalkyl and Polyfluoroalkyl Substances by Non-Thermal Plasma enhanced by Graphene Oxide-based Catalysts**
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IV. **Evaluatıon of recovery potential of wastewater treatment plants in Kocaeli, Turkey**
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V. **Plasma-based water treatment in agricultural applications**
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VI. **DEGRADATION OF BISPHENOL-A BY GRAPHENE OXIDE UNDER VISIBLE LIGHT**
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VIII. **Optimization of Disinfection By-Products Removal from Aqueous Solution by Fe/Cu Bimetallic Nanoparticle**
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IX. **Optimization of electro-oxidation process for the treatment of reactive blue 221 using response surface methodology**
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5th International Conference on Engineering and Natural Science, Praha, Çek Cumhuriyeti, 12 - 16 Haziran 2019,

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X. **Kinetic Study for Nitrate Removal by Nano Zero Valent Iron**
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XI. **Recent advances in metal doped graphene nanoparticles**
ALTUNTAŞ K.
International Conference on Application in Chemistry and Chemical Engineering, Belgrad, Sırbistan Ve Karadağ, 10 Ekim 2018, ss.1

XII. **Optimization of Electrochemical Processes for the Treatment of Raw Woollen Yarn Dye Wastewater**
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XIII. **SPATIAL DISTRIBUTION OF OCPS IN SOILS OF ISTANBUL**
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II. Ulucan-Altuntas K., Debik E., Manav Demir N., Öz E., İLHAN F., Newton Programı Destekli Proje, UK-Turkey capacity building for wastewater treatment integrated with renewable energy and safer reuse for sustainable communities, 2021 - 2022
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V. Altuntaş K., Apaydın Ö., Teknopark, Setaş Kimya Sanayi'nin Boyarmadde ve Kimyasal Üretiminden Kaynaklı Atıksuları İçin Ekonomik Entegre Arıtma Alternatiflerinin Araştırılması, 2018 - 2019
VI. Altuntaş K., Debik E., Yükseköğretim Kurumları Destekli Proje, Kalıcı Organik Kirleticilerin Su Ortamından Nanopartiküllerle Arıtılabilirliği, 2015 - 2018
VII. Kurt U., İlhan F., Altuntaş K., Diğer Resmi Kurumlarca Desteklenen Proje, Sızıntı Sularının Evsel Atıksularla Birlikte Hızlı ve Ekonomik Bir Yöntem Olan Elektrokoagülasyonla Arıtılabilirliğinin İncelenmesi, 2008 - 2009

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I. EuroScience, Asosiye Üye, 2022 - Devam Ediyor , Almanya

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II. Journal Of Environmental Management, SCI Kapsamındaki Dergi, Şubat 2022
III. ENVIRONMENTAL MONITORING AND ASSESSMENT, SCI Kapsamındaki Dergi, Ocak 2022
IV. SEPARATION AND PURIFICATION TECHNOLOGY, SCI Kapsamındaki Dergi, Ekim 2021
V. ENVIRONMENTAL RESEARCH LETTERS, SCI Kapsamındaki Dergi, Ekim 2021
VI. INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH, SCI Kapsamındaki Dergi, Eylül 2021
VII. JOURNAL OF WATER PROCESS ENGINEERING, SCI Kapsamındaki Dergi, Eylül 2021
VIII. OZONE-SCIENCE & ENGINEERING, SCI Kapsamındaki Dergi, Temmuz 2021
IX. PROCESS SAFETY AND ENVIRONMENTAL PROTECTION, SCI Kapsamındaki Dergi, Ocak 2021
X. CLEAN-SOIL AIR WATER, SCI Kapsamındaki Dergi, Kasım 2020
XI. TÜBİTAK Projesi, 1001 - Bilimsel ve Teknolojik Araştırma Projelerini Destekleme Programı, Yıldız Teknik Üniversitesi, Türkiye, Eylül 2020
XII. International Journal Of Environmental Analytical Chemistry, SCI Kapsamındaki Dergi, Mayıs 2020
XIII. JOURNAL OF HAZARDOUS MATERIALS, SCI Kapsamındaki Dergi, Haziran 2018
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Metrikler

Yayın: 64
Atıf (WoS): 226
Atıf (Scopus): 324
H-İndeks (WoS): 9
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Ödüller

I. Ulucan-Altuntas K., Academical Encouragement Certificate (for achieving the third weighted rank among all academicians in Civil Engineering Faculty have the highest academic record in 2019), Yıldız Teknik Universitesi, Temmuz 2020
II. Ulucan-Altuntas K., Academical Encouragement Certificate (for achieving the third weighted rank among all academicians in university have Intellectual and industrial property rights in 2016), Rectorship Of Yildiz Technical University, Mayıs 2018

Antrenörlük Görevleri

Hakemlik Görevleri