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Publons / Web Of Science ResearcherID: AAF-6328-2020

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Eğitim Bilgileri

- I. Post Doktora, Université Gustave Eiffel, Institut Francilien des Sciences Appliquées, Environmental Chemistry, Fransa 2022 - 2022
- II. Post Doktora, Université Gustave Eiffel, Institut Francilien des Sciences Appliquées, Environmental Chemistry, Fransa 2021 - 2022
- III. Doktora, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Dr), Türkiye 2010 - 2016
- IV. Yüksek Lisans, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Dr), Türkiye 2007 - 2010
- V. Lisans, Ankara Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Türkiye 2002 - 2007

Yabancı Diller

- I. İngilizce, C1 İleri

Yaptığı Tezler

- I. Doktora, Kağıt endüstrisi atıksularının elektrokimyasal yöntemle arıtılması, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Dr), 2016
- II. Yüksek Lisans, Su bazlı boya üretim tesislerinin atık sularının arıtılmasında genelleştirilmiş minimum değişmeli (GMV) algoritma ile pH kontrolü, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Dr), 2010

Araştırma Alanları

Kimya Mühendisliği ve Teknolojisi, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

- I. Dr. Öğr. Üyesi, Ankara Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2024 - Devam Ediyor
- II. Araştırma Görevlisi Dr., Ankara Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2016 - 2024
- III. Araştırma Görevlisi, Ankara Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2009 - 2016

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayımlanan Makaleler

- I. **Reduced graphene oxide-Fe₃O₄-TiO₂ nanocomposite catalyst for the mineralization of herbicide dalapon by heterogeneous photoelectro-Fenton process**
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- II. **Heterogeneous electro-Fenton treatment of chemotherapeutic drug busulfan using magnetic nanocomposites as catalyst**
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- III. **Fast and Complete Destruction of the Anti-Cancer Drug Cytarabine from Water by Electrocatalytic Oxidation Using Electro-Fenton Process**
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- IV. **Treatment of sunflower oil industry wastewater by coagulation-flocculation and electro-Fenton methods**
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- VI. **Evaluation of electro-Fenton method on cheese whey treatment: optimization through response surface methodology**
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- VII. **An efficient dark fermentative hydrogen production by GMV control of pH**
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- VIII. **Real-time experimental generalized minimum variance control of operating parameters in an electrocoagulation process**
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- IX. **Determination of suitable operating conditions for biohydrogen production from potato production medium by dark fermentation and kinetic analysis**
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- X. **Enclosed coastal waters quality monitoring with bacterial indicator phase-plane analysis**
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- XI. **Application of response surface methodology as a new PID tuning method in an electrocoagulation process control case**
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- XII. **Effect of process control on optimization of pulp and paper mill wastewater treatment by electrocoagulation**
CAMCIOĞLU Ş., ÖZYURT B., HAPOĞLU H.
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- XIII. **A consecutive electrocoagulation and electro-oxidation treatment for pulp and paper mill wastewater**

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XIV. **MIMO control application for pulp and paper mill wastewater treatment by electrocoagulation**

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XV. **Experimental application of one step ahead advanced pH control to water-based paint wastewater treatment**

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Diğer Dergilerde Yayınlanan Makaleler

I. **Optimization and PID Control of pH and Temperature in an Electrocoagulation Process**

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III. **ELEKTROKOAGÜLASYON YÖNTEMİYLE KAĞIT ATIK SUYU ARITIMINDA pH KONTROLÜ**

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CAMCIOĞLU Ş., Pekel L. C., POLAT K., HAPOĞLU H.

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V. **Aluminium electrode dissolution in electrocoagulation process**

Giwa S., Pekel C., CAMCIOĞLU Ş., ERTUNÇ S., Alpbaz M., HAPOĞLU H.

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Kitap & Kitap Bölümleri

I. **Applications of Combined Electrocoagulation and Electrooxidation Treatment to Industrial Wastewaters**

ÖZYURT B., CAMCIOĞLU Ş.

Wastewater and water quality, Yonar, Taner, Editör, Intechopen, Londrina, ss.71-88, 2018

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I. **AKTİF KARBON DESTEKLİ Fe₃O₄ KATALİZÖRÜN KULLANILDIĞI HETEROJEN ELEKTRO-FENTON PROSESİ İLE AMOKSİSİLİN MİNERALİZASYONU**

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6. ULUSLARARASI MARMARA BİLİMSEL ARAŞTIRMALAR VE İNOVASYON KONGRESİ, İstanbul, Türkiye, 7 - 08 Ekim 2023

II. **Effect of the cathode material on the efficiency of the electro-Fenton process for the electrocatalytic destruction of azo dye methyl orange**

CAMCIOĞLU Ş.

6th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2023), 11 Ekim 2023

- III. **Sentetik boyar maddelerin elektrokimyasal ileri oksidasyon prosesleri ile arıtımı**
CAMCIOĞLU Ş.
15.Ulusal Kimya Mühendisliği Kongresi, Türkiye, 04 Eylül 2023
- IV. **CATALYTIC ACTIVITY OF HETEROGENEOUS ELECTRO-FENTON PROCESSES: A COMPARATIVE STUDY FOR DEGRADATION OF CYTARABINE**
Camcioğlu Ş., Özyurt B., Oturan N., Portehault D., Trelu C., Oturan M. A.
31st International Materials Research Congress 2023, Cancun, Meksika, 13 - 18 Ağustos 2023, ss.3
- V. **APPLICATION OF rGO-Fe₃O₄-TiO₂ NANOCOMPOSITE AS A HETEROGENEOUS CATALYST FOR THE DEGRADATION AND MINERALIZATION OF HERBICIDE DALAPON BY PHOTOELECTRO-FENTON PROCESS**
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- VI. **DEGRADATION AND MINERALIZATION OF CYCLOHEXIMIDE IN AQUEOUS SOLUTION BY ADVANCED OXIDATION PROCESSES: A COMPARATIVE STUDY**
Oturan N., Özyurt B., Camcioğlu Ş., Trelu C., Oturan M. A.
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- VII. **Simultaneous reduced graphene oxide production and chemical oxygen demand removal from domestic wastewater**
SOYSAL F., ÇIPLAK Z., ÖZYURT B., CAMCIOĞLU Ş., HAPOĞLU H., YILDIZ N.
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), Türkiye, 19 - 20 Mart 2020
- VIII. **Process parameters optimization of graphite-graphite electro-Fenton system for the treatment of sunflower oil refining industry**
ÖZYURT B., CAMCIOĞLU Ş., FIRTIN M., HAPOĞLU H.
4th International Conference on Recycling and Reuse, İstanbul, Türkiye, 24 - 26 Ekim 2018
- IX. **Evaluation of electro-Fenton method on cheese whey treatment: Optimization through Response Surface Methodology**
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- X. **Boron removal from industrial wastewaters by means of optimized sequential chemical precipitation and coagulation processes**
ÖZYURT B., CAMCIOĞLU Ş., FIRTIN M., HAPOĞLU H.
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- XI. **Optimization of combined electrocoagulation/electrooxidation process for treatment of sunflower oil industry wastewater**
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- XII. **Experimental Treatment of Sunflower Oil Refinery Wastewater by Means of Electrochemical Methods**
CAMCIOĞLU Ş., ÖZYURT B., FIRTIN M., HAPOĞLU H.
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- XIII. **Effect of Initial pH on Boron Removal from Industrial Wastewater by Means of Consecutive Chemical and Electrochemical Coagulation**
ÖZYURT B., ATEŞ Ç., CAMCIOĞLU Ş., HAPOĞLU H.
International Congress on Chemistry and Material Sciences, Ankara, Türkiye, 5 - 07 Ekim 2017
- XIV. **Reaction Kinetics of Electrochemical Sunflower Oil Refinery Wastewater Treatment**
ÖZYURT B., CAMCIOĞLU Ş., FIRTIN M., HAPOĞLU H.
International Congress on Chemistry and Material Sciences, Ankara, Türkiye, 5 - 07 Ekim 2017
- XV. **Chemometric Evaluation of Effective Process Parameters on Electrocoagulation Treatment of Pulp**

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CAMCIOĞLU Ş., ÖZYURT B., FIRTIN M., HAPOĞLU H.

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- XVI. **NARX model based nonlinear dynamic system identification of an electrocoagulation process using artificial neural networks**
ÖZYURT B., CAMCIOĞLU Ş., HAPOĞLU H.
3rd International Conference on Recycling and Reuse, İstanbul, Türkiye, 28 - 30 Eylül 2016
- XVII. **A consecutive electrocoagulation and electro oxidation treatment for pulp and paper mill wastewater**
ÖZYURT B., CAMCIOĞLU Ş., HAPOĞLU H.
3rd International Conference on Recycling and Reuse, İstanbul, Türkiye, 28 - 30 Eylül 2016
- XVIII. **MIMO control application for pulp and paper mill wastewater treatment by electrocoagulation**
CAMCIOĞLU Ş., ÖZYURT B., HAPOĞLU H.
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- XIX. **Application of response surface methodology as a new PID tuning method in an electrocoagulation process control case**
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- XX. **Elektrokoagülasyon Yöntemiyle Kağıt Atık Suyu Arıtımında pH Kontrolü**
CAMCIOĞLU Ş., ÖZYURT B., HAPOĞLU H.
11. Ulusal Kimya Mühendisliği Kongresi, Eskişehir, Türkiye, 2 - 05 Eylül 2014
- XXI. **Effect of MIMO pH and temperature control in pulp and paper mill wastewater treatment with electrocoagulation process**
CAMCIOĞLU Ş., ÖZYURT B., HAPOĞLU H.
2nd International Conference on Recycling and Reuse, 4 - 06 Haziran 2014
- XXII. **Electrocoagulation treatment of textile wastewater**
Pekel L. C., Camcioğlu Ş., Polat K., Hapoğlu H., Alpbaz M.
Istanbul International Solid Waste, Water and Wastewater Congress, İstanbul, Türkiye, 22 - 24 Mayıs 2013, ss.313
- XXIII. **Aluminium electrode dissolution in electrocoagulation process**
Giwa S. O., Pekel L. C., Camcioğlu Ş., Ertunç S., Alpbaz M., Hapoğlu H.
Istanbul International Solid Waste, Water and Wastewater Congress, İstanbul, Türkiye, 22 - 24 Mayıs 2013, ss.273-274
- XXIV. **Application of statistical experimental design methodology to pulp and paper mill wastewaters treatment process**
Camcioğlu Ş., Pekel L. C., Polat K., Hapoğlu H.
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- XXV. **Investigation of current density NaCl concentration and electrolysis time effects for the treatment of pulp and paper wastewater with electrocoagulation**
CAMCIOĞLU Ş., POLAT K., ZEYBEK Z., TOĞRUL H., HAPOĞLU H.
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- XXVI. **Turbidity removal from petrochemical wastewater by electrocoagulation**
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7th Chemical Engineering conference for Collaborative Research in Eastern Mediterranean Countries (EMCC7), Corfu, Yunanistan, 27 Nisan - 01 Mayıs 2012, ss.69
- XXVII. **The dynamic analysis of wastewater treatment with electrocoagulation method in pulp and paper making industry**
CAMCIOĞLU Ş., NİLÜFER V., POLAT K., MUSTAFA A., HAPOĞLU H.
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- XXVIII. **Generalized Minimum Variance (GMV) Control in Waterborne Wastewater Treatment**

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Bilimsel Hakemlikler

- I. JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Kapsamındaki Dergi, Eylül 2023
- II. JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Kapsamındaki Dergi, Temmuz 2023
- III. JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Kapsamındaki Dergi, Haziran 2023
- IV. ENVIRONMENTAL GEOCHEMISTRY AND HEALTH OFFICIAL JOURNAL OF THE SOCIETY FOR ENVIRONMENTAL GEOCHEMISTRY AND HEALTH, SCI Kapsamındaki Dergi, Ocak 2023
- V. CLEAN - SOIL, AIR, WATER, SCI Kapsamındaki Dergi, Ağustos 2022
- VI. JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Kapsamındaki Dergi, Kasım 2020
- VII. WATER SUPPLY, SCI Kapsamındaki Dergi, Ağustos 2020
- VIII. WATER SUPPLY, SCI Kapsamındaki Dergi, Şubat 2020
- IX. COMPUTERS AND ELECTRONICS IN AGRICULTURE AN INTERNATIONAL JOURNAL, SCI Kapsamındaki Dergi, Şubat 2020
- X. WATER SUPPLY, SCI Kapsamındaki Dergi, Eylül 2019
- XI. Journal of Environmental Health Science and Engineering, SCI Kapsamındaki Dergi, Mart 2019
- XII. CHEMICAL ENGINEERING JOURNAL, SCI Kapsamındaki Dergi, Haziran 2018
- XIII. INTERNATIONAL JOURNAL OF CHEMICAL REACTOR ENGINEERING, SCI Kapsamındaki Dergi, Eylül 2017
- XIV. CLEAN - SOIL, AIR, WATER, SCI Kapsamındaki Dergi, Aralık 2015

Metrikler

Yayın: 50

Atıf (WoS): 113

Atıf (Scopus): 116

H-İndeks (WoS): 6

H-İndeks (Scopus): 6

Kongre ve Sempozyum Katılımı Faaliyetleri

- I. 6th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2023), Katılımcı, Ankara, Türkiye, 2023
- II. 6. ULUSLARARASI MARMARA BİLİMSEL ARAŞTIRMALAR VE İNOVASYON KONGRESİ, Katılımcı, İstanbul, Türkiye, 2023
- III. 15.Ulusal Kimya Mühendisliği Kongresi, Katılımcı, Çanakkale, Türkiye, 2023
- IV. 31st International Materials Research Congress 2023, Davetli Konuşmacı, Cancun, Meksika, 2023
- V. 31st International Materials Research Congress 2023, Katılımcı, Cancun, Meksika, 2023
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Burslar

- I. Sejour Scientifique de Haut Niveau, Yabancı Ülkelerin Resmi Kurumları, 2022 - 2022
- II. 2219 YURT DIŞI DOKTORA SONRASI ARAŞTIRMA BURS PROGRAMI , TÜBİTAK, 2021 - 2022

