

## Arş.Gör.Dr. ŞULE CAMCIOĞLU

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### Uluslararası Araştırmacı ID'leri

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

ScopusID: 36679678500

Yoksis Araştırmacı ID: 112049

### Eğitim Bilgileri

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- 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

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- I. İngilizce, C1 İleri

### Yaptığı Tezler

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- I. Doktora, Kağıt endüstrisi atiksularının 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

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Kimya Mühendisliği ve Teknolojisi, Mühendislik ve Teknoloji

### Akademik Unvanlar / Görevler

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- I. Araştırma Görevlisi Dr., Ankara Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2009 - Devam Ediyor

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

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- I. Heterogeneous electro-Fenton treatment of chemotherapeutic drug busulfan using magnetic

- nanocomposites as catalyst**  
CAMCIOĞLU Ş., ÖZYURT B., Oturan N., Portehault D., Trellu C., Oturan M. A.  
Chemosphere, cilt.341, 2023 (SCI-Expanded)
- II. Fast and Complete Destruction of the Anti-Cancer Drug Cytarabine from Water by Electrocatalytic Oxidation Using Electro-Fenton Process**  
CAMCIOĞLU Ş., ÖZYURT B., Oturan N., Trellu C., Oturan M. A.  
CATALYSTS, cilt.12, sa.12, 2022 (SCI-Expanded)
- III. Treatment of sunflower oil industry wastewater by coagulation-flocculation and electro-Fenton methods**  
ÖZYURT B., CAMCIOĞLU Ş., Karatokus T., Yuksek C., HAPOĞLU H.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, cilt.36, sa.1, ss.275-290, 2021 (SCI-Expanded)
- IV. Evaluation of electro-Fenton method on cheese whey treatment: optimization through response surface methodology**  
Camcioglu Ş., Özyurt B., Sengul S., Hapoglu H.  
DESALINATION AND WATER TREATMENT, cilt.172, ss.270-280, 2019 (SCI-Expanded)
- V. Boron removal from industrial wastewaters by means of optimized sequential chemical precipitation and coagulation processes**  
ÖZYURT B., CAMCIOĞLU Ş., Firtin M., Ates C., HAPOĞLU H.  
DESALINATION AND WATER TREATMENT, cilt.172, ss.292-300, 2019 (SCI-Expanded)
- VI. An efficient dark fermentative hydrogen production by GMV control of pH**  
ÖZYURT B., SOYSAL F., YILMAZER HİTİT Z., CAMCIOĞLU Ş., AKAY B., ERTUNÇ S.  
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- VII. Real-time experimental generalized minimum variance control of operating parameters in an electrocoagulation process**  
CAMCIOĞLU Ş., ÖZYURT B., HAPOĞLU H.  
DESALINATION AND WATER TREATMENT, cilt.139, ss.305-318, 2019 (SCI-Expanded)
- VIII. Determination of suitable operating conditions for biohydrogen production from potato production medium by dark fermentation and kinetic analysis**  
ÖZYURT B., YILMAZER HİTİT Z., SOYSAL F., CAMCIOĞLU Ş., AKAY B., ERTUNÇ S.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, cilt.33, sa.4, ss.1475-1491, 2018 (SCI-Expanded)
- IX. Enclosed coastal waters quality monitoring with bacterial indicator phase-plane analysis**  
HAPOĞLU H., CAMCIOĞLU Ş., ÖZYURT B., YILDIRIM P., Yilmaz N., BALAS L.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, cilt.33, sa.4, ss.1419-1431, 2018 (SCI-Expanded)
- X. Application of response surface methodology as a new PID tuning method in an electrocoagulation process control case**  
Camcioglu Ş., ÖZYURT B., Dogan I. C., Hapoglu H.  
WATER SCIENCE AND TECHNOLOGY, cilt.76, sa.12, ss.3410-3427, 2017 (SCI-Expanded)
- XI. Effect of process control on optimization of pulp and paper mill wastewater treatment by electrocoagulation**  
CAMCIOĞLU Ş., ÖZYURT B., HAPOĞLU H.  
PROCESS SAFETY AND ENVIRONMENTAL PROTECTION, cilt.111, ss.300-319, 2017 (SCI-Expanded)
- XII. MIMO control application for pulp and paper mill wastewater treatment by electrocoagulation**  
CAMCIOĞLU Ş., ÖZYURT B., HAPOĞLU H.  
DESALINATION AND WATER TREATMENT, cilt.93, ss.200-213, 2017 (SCI-Expanded)
- XIII. A consecutive electrocoagulation and electro-oxidation treatment for pulp and paper mill wastewater**  
ÖZYURT B., CAMCIOĞLU Ş., HAPOĞLU H.  
DESALINATION AND WATER TREATMENT, cilt.93, ss.214-228, 2017 (SCI-Expanded)

- XIV. **Experimental application of one step ahead advanced pH control to water-based paint wastewater treatment**  
CAMCIOĞLU Ş., ÖZYURT B., ZEYBEK Z., HAPOĞLU H.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, cilt.31, sa.3, ss.656-665, 2016 (SCI-Expanded)

## Dünger Dergilerde Yayınlanan Makaleler

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- I. **Optimization and PID Control of pH and Temperature in an Electrocoagulation Process**  
CAMCIOĞLU Ş., ÖZYURT B.  
Journal of the Turkish Chemical Society Section B: Chemical Engineering, cilt.71, sa.1, ss.13-24, 2024 (Hakemli Dergi)
- II. **Discrete-time dynamic water quality index model in coastal water**  
Hapoglu H., Camcioglu Ş., Ozyurt B., Yildirim P., Balas L.  
GLOBAL JOURNAL OF ENVIRONMENTAL SCIENCE AND MANAGEMENT-GJESM, cilt.7, sa.2, ss.197-210, 2021 (ESCI)
- III. **ELEKTROKOAGÜLASYON YÖNTEMİYLE KAĞIT ATIK SUYU ARITIMINDA pH KONTROLU**  
Camcioğlu Ş., Özyurt B., Hapoğlu H.  
Anadolu Üniversitesi Bilim ve Teknoloji Dergisi :A-Uygulamalı Bilimler ve Mühendislik, cilt.16, sa.2, ss.107, 2015 (Hakemli Dergi)
- IV. **Experimental design of wastewater treatment with electro-coagulation**  
CAMCIOĞLU Ş., Pekel L. C., POLAT K., HAPOĞLU H.  
Management of Environmental Quality: An International Journal, cilt.25, sa.1, ss.86-95, 2014 (Scopus)
- V. **Aluminium electrode dissolution in electrocoagulation process**  
Giwa S., Pekel C., CAMCIOĞLU Ş., ERTUNÇ S., Alpbaz M., HAPOĞLU H.  
International Journal of Advanced Scientific and Technical Research, cilt.4, sa.3, ss.127-136, 2013 (Hakemli Dergi)

## Kitap & Kitap Bölümleri

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- I. **Applications of Combined Electrocoagulation and Electrooxidation Treatment to Industrial Wastewaters**  
ÖZYURT B., CAMCIOĞLU Ş.  
Wastewater and water quality, Yonar, Taner, Editör, Intechopen, ss.71-88, 2018

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

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- I. **AKTİF KARBON DESTEKLİ Fe3O4 KATALİZÖRÜN KULLANILDIĞI HETEROJEN ELEKTRO-FENTON PROSESİ İLE AMOKSİSİLİN MİNERALİZASYONU**  
ÖZYURT B., CAMCIOĞLU Ş.  
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.Uluslararası Kimya Mühendisliği Kongresi, Türkiye, 04 Eylül 2023
- IV. **CATALYTIC ACTIVITY OF HETEROGENEOUS ELECTRO-FENTON PROCESSES: A COMPARATIVE STUDY FOR DEGRADATION OF CYTARABINE**  
Camcioğlu S., Özyurt B., Oturan N., Portehault D., Trellu 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**  
Özyurt B., Camcioğlu S., Oturan N., Portehault D., Trellu C., Oturan M. A.  
31st International Materials Research Congress 2023, Cancun, Meksika, 13 - 18 Ağustos 2023, ss.44
- VI. **DEGRADATION AND MINERALIZATION OF CYCLOHEXIMIDE IN AQUEOUS SOLUTION BY ADVANCED OXIDATION PROCESSES: A COMPARATIVE STUDY**  
Oturan N., Özyurt B., Camcioğlu S., Trellu C., Oturan M. A.  
31st International Materials Research Congress 2023, Cancun, Meksika, 13 - 18 Ağustos 2023, ss.28-29
- VII. **Simultaneous reduced graphene oxide production and chemical oxygen demand removal from domestic wastewater**  
SOYSAL F., ÇIPLAK Z., ÖZYURT B., CAMCIOĞLU S., 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 S., 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**  
ÖZYURT B., CAMCIOĞLU S., FIRTIN M., HAPOĞLU H.  
4th International Conference on Recycling and Reuse, İstanbul, Türkiye, 24 - 26 Ekim 2018
- X. **Boron removal from industrial wastewaters by means of optimized sequential chemical precipitation and coagulation processes**  
ÖZYURT B., CAMCIOĞLU S., FIRTIN M., HAPOĞLU H.  
4th International Conference on Recycling and Reuse, İstanbul, Türkiye, 24 - 26 Ekim 2018
- XI. **Optimization of combined electrocoagulation/electrooxidation process for treatment of sunflower oil industry wastewater**  
ÖZYURT B., CAMCIOĞLU S., FIRTIN M., HAPOĞLU H.  
4th International Conference on Recycling and Reuse, İstanbul, Türkiye, 24 - 26 Ekim 2018
- XII. **Experimental Treatment of Sunflower Oil Refinery Wastewater by Means of Electrochemical Methods**  
CAMCIOĞLU S., ÖZYURT B., FIRTIN M., HAPOĞLU H.  
International Congress on Chemistry and Material Sciences, Ankara, Türkiye, 5 - 07 Ekim 2017
- XIII. **Effect of Initial pH on Boron Removal from Industrial Wastewater by Means of Consecutive Chemical and Electrochemical Coagulation**  
ÖZYURT B., ATEŞ Ç., CAMCIOĞLU S., 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 S., 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 and Paper Mill Wastewater**  
CAMCIOĞLU S., ÖZYURT B., FIRTIN M., HAPOĞLU H.  
International Congress on Chemistry and Material Sciences, Ankara, Türkiye, 5 - 07 Ekim 2017
- 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.  
3rd International Conference on Recycling and Reuse, İstanbul, Türkiye, 28 - 30 Eylül 2016
- XIX. **Application of response surface methodology as a new PID tuning method in an electrocoagulation process control case**  
CAMCIOĞLU Ş., Doğan İ. C., ÖZYURT B., HAPOĞLU H.  
3rd International Conference on Recycling and Reuse, 28-30 September 2016, İstanbul Turkey, İstanbul, Türkiye, 28 - 30 Eylül 2016
- XX. **Elektrokoagülasyon Yöntemiyle Kağıt Atık Suyu Arıtımında pH Kontrolu**  
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.  
İstanbul 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.  
İstanbul 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.  
International Conference on Recycling and Reuse, İstanbul, Türkiye, 4 - 06 Haziran 2012, ss.248
- 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.  
Proceedings on the 7th Chemical Engineering Conference for Collaborative Researchah in Eastern Mediterranean Countries-EMCC7 April 27-May 1 2012, Corfu Greece, KORFU, Yunanistan, 27 Nisan - 01 Mayıs 2012
- XXVI. **Turbidity removal from petrochemical wastewater by electrocoagulation**  
Olanipekun S., CAMCIOĞLU Ş., ERTUNÇ S., HAPOĞLU H., ALDEMİR A.  
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.  
9th International Electrochemistry Meeting in Turkey, İzmir, Türkiye, 25 - 29 Eylül 2011
- XXVIII. **Generalized Minimum Variance (GMV) Control in Waterborne Wastewater Treatment**  
CAMCIOĞLU Ş., ZEYBEK Z., HAPOĞLU H., Alpbaz M., Akpinar A.  
13th Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction, Prague, Çek Cumhuriyeti, 28 Ağustos - 01 Eylül 2010, cilt.21, ss.823-828

## Bilimsel Hakemlikler

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- 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

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Yayın: 48  
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H-İndeks (Scopus): 6

## Kongre ve Sempozyum Katılımı Faaliyetleri

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- 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.Uluslararası 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
- VI. 31st International Materials Research Congress 2023, Katılımcı, Cancun, Meksika, 2023

## Burslar

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