

## Prof. ERHAN GENGEÇ

### Personal Information

**Office Phone:** [+90 262 351 3482](tel:+902623513482) Extension: 117

**Fax Phone:** [+90 262 351 3629](tel:+902623513629)

**Email:** [erhan.gengec@kocaeli.edu.tr](mailto:erhan.gengec@kocaeli.edu.tr)

**Web:** <https://avesis.kocaeli.edu.tr/erhan.gengec>

### International Researcher IDs

ORCID: 0000-0003-3666-0791

Publons / Web Of Science ResearcherID: F-5836-2018

ScopusID: 54408421900

Yoksis Researcher ID: 29548

### Education Information

Doctorate, Gebze Technical University, Faculty Of Engineering, Department Of Environmental Engineering, Turkey 2007 - 2012

Postgraduate, Kocaeli University, Mühendislik Fakültesi, Çevre Mühendisliği, Turkey 2001 - 2005

Undergraduate, Kocaeli University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, Turkey 1997 - 2002

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Electrochemical Treatment of Melanoidin and Melanoid Containing Yeast Industry Wastewater , Gebze Technical University, Faculty Of Engineering, Department Of Environmental Engineering, 2012

Postgraduate, İşçi sağlığı ve iş güvenliği açısından hava ve gürültü kirliliği, Kocaeli Üniversitesi, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2005

### Research Areas

Environmental Engineering, Environmental Technology, Waste Water Collection and Treatment, Water Pollution and Control, Water Supply and Treatment, Engineering and Technology

### Academic Titles / Tasks

Professor, Kocaeli University, İzmit Meslek Yüksekokulu, Çevre Koruma Teknolojileri, 2024 - Continues

Assistant Professor, Kocaeli University, Ali Rıza Veziroğlu Meslek Yüksekokulu, Çevre Koruma Teknolojileri, 2018 - Continues

Associate Professor, Kocaeli University, İzmit Meslek Yüksekokulu, Environmental Protection Technology, 2020 - 2024

Assistant Professor, Kocaeli University, Ali Rıza Veziroğlu Meslek Yüksekokulu, Çevre Koruma Teknolojileri, 2013 - 2018

Lecturer, Kocaeli University, Ali Rıza Veziroğlu Meslek Yüksekokulu, Çevre Koruma Teknolojileri, 2005 - 2013

## Academic and Administrative Experience

Director of Vocational School, Kocaeli University, İzmit Meslek Yüksekokulu, 2021 - Continues

Head of Department, Kocaeli University, İzmit Meslek Yüksekokulu, 2020 - Continues

Assistant Director of Vocational School, Kocaeli University, İzmit Meslek Yüksekokulu, 2020 - 2021

Assistant Director of Vocational School, Kocaeli University, Ali Rıza Veziroğlu Meslek Yüksekokulu, 2015 - 2020

Head of Department, Kocaeli University, Ali Rıza Veziroğlu Meslek Yüksekokulu, Teknik Programlar Bölümü, 2013 - 2020

## Courses

Elektrokimyasal Arıtma Yöntemleri, Postgraduate, 2017 - 2018, 2016 - 2017

Proje, Associate Degree, 2017 - 2018, 2016 - 2017

Çevre Kimyası, Associate Degree, 2017 - 2018, 2016 - 2017

Çevre Analiz Teknikleri, Associate Degree, 2016 - 2017

## Advising Theses

Gengeç E., Grafen bazlı elektrotlarla sudan organik kirleticilerin elektro oksidasyon ile arıtımı, Postgraduate, B.DURMUŞ(Student), 2019

Gengeç E., Farklı metallerle doplanmış grafen elektrotların elektrooksidasyonla su arıtımında etkinliğinin incelenmesi, Postgraduate, M.ANAÇ(Student), 2019

## Jury Memberships

Doctorate, Doctorate, Gebze Teknik Üniversitesi, June, 2023

Post Graduate, Post Graduate, Bursa Teknik Üniversitesi, January, 2023

Doctorate, Doctorate, Gebze Teknik Üniversitesi, January, 2023

Post Graduate, Post Graduate, Bursa Teknik Üniversitesi, December, 2022

Post Graduate, Post Graduate, Bursa Teknik Üniversitesi, August, 2022

Doctoral Examination, Doctoral Examination, Bursa Teknik Üniversitesi, February, 2022

Doctoral Examination, Doctoral Examination, Bursa Teknik Üniversitesi, February, 2022

Doctoral Examination, Doctoral Examination, Bursa Teknik Üniversitesi, February, 2022

Post Graduate, Post Graduate, Kocaeli Üniversitesi, December, 2021

Doctorate, Doctorate, Kocaeli Üniversitesi, December, 2021

Doctorate, Doctorate, Kocaeli Üniversitesi, June, 2021

Post Graduate, Post Graduate, Gebze Teknik Üniversitesi, November, 2020

Post Graduate, Post Graduate, Gebze Teknik Üniversitesi, July, 2020

Doctorate, Doctorate, Gebze Teknik Üniversitesi, June, 2020

Post Graduate, Post Graduate, Gebze Teknik Üniversitesi, January, 2020

Post Graduate, Post Graduate, Gebze Teknik Üniversitesi, January, 2020

Post Graduate, Post Graduate, Gebze Teknik Üniversitesi, July, 2019

Post Graduate, Post Graduate, Gebze Teknik Üniversitesi, July, 2019

Doctorate, Doctorate, Gebze Teknik Üniversitesi, July, 2019

Post Graduate, Post Graduate, Gebze Teknik Üniversitesi, July, 2019

Post Graduate, Post Graduate, Gebze Teknik Üniversitesi, July, 2019

Doctorate, Doctorate, Gebze Teknik Üniversitesi, January, 2019

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gebze Teknik Üniversitesi, January, 2019  
Post Graduate, Post Graduate, Gebze Teknik Üniversitesi, December, 2018  
Post Graduate, Post Graduate, Gebze Teknik Üniversitesi, June, 2018  
Post Graduate, Post Graduate, Gebze Teknik Üniversitesi, February, 2018

## Research Infrastructure Information

Gengeç E., Su Atıksu Laboratuvarı, June 2015

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Treatment of embroidery wastewater containing poly(vinyl alcohol) by electrooxidation process**  
Gengeç E., Bozbas S., Ayhan H. H.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.21, no.2, pp.1223-1234, 2024 (SCI-Expanded)
- II. **The effect of various thermochemical methods on the production of biochar and removal of 2-naphthol orange from wastewater**  
Temur Ergan B., Aydin E. S., Gengeç E.  
JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, vol.99, no.1, pp.81-91, 2024 (SCI-Expanded)
- III. **Improving electro-fenton degradation performance using waste biomass-derived-modified biochar electrodes: A real environment textile water treatment**  
Temur Ergan B., Aydin E. S., Gengeç E.  
JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, vol.11, no.6, 2023 (SCI-Expanded)
- IV. **A Comparative Study among the Technology Classic Fenton and Electro-Fenton for the Degradation of Polyvinyl Alcohol in Textile Industrial Wastewater**  
Aldaher M., GENGEÇ E.  
JOURNAL OF WATER CHEMISTRY AND TECHNOLOGY, no.5, pp.446-454, 2023 (SCI-Expanded)
- V. **Carbonaceous CoCr LDH nanocomposite as a light-responsive sonocatalyst for treatment of a plasticizer-containing water**  
Sadeghi Rad S., Khataee A., Arefi-Oskoui S., Sadeghi Rad T., Zarei M., Orooji Y., GENGEÇ E., Kobya M.  
Ultrasonics Sonochemistry, vol.98, 2023 (SCI-Expanded)
- VI. **Tuned CuCr layered double hydroxide/carbon-based nanocomposites inducing sonophotocatalytic degradation of dimethyl phthalate**  
Sadeghi Rad T., Sevval Yazici E., Khataee A., GENGEÇ E., Kobya M.  
Ultrasonics Sonochemistry, vol.95, 2023 (SCI-Expanded)
- VII. **The used automobile catalytic converter as an efficient catalyst for removal of malathion through wet air oxidation process**  
İŞGÖREN M., GENGEÇ E., VELİ S., Hassandoost R., Khataee A.  
International Journal of Hydrogen Energy, vol.48, no.17, pp.6499-6509, 2023 (SCI-Expanded)
- VIII. **A techno-economical assessment of treatment by coagulation-flocculation with aluminum and iron-bases coagulants of landfill leachate membrane concentrates**  
Turan A., Kobya M., Iskurt C., GENGEÇ E., Khataee A.  
Chemosphere, vol.314, 2023 (SCI-Expanded)
- IX. **Ultrasound-assisted photocatalytic decomposition of rifadin with biochar and CNT-based NiCr layered double hydroxides**  
Sadeghi Rad T., Yazici E. S., Khataee A., GENGEÇ E., Kobya M.  
Surfaces and Interfaces, vol.36, 2023 (SCI-Expanded)
- X. **Impact of thermal modification of carbon felt on the performance of oxygen reduction reaction and**

**mineralisation of dye in on-line electro fenton system**

Ergan B. T., Soybelli M., GENGEÇ E.

INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.103, no.20, pp.9730-9746, 2023 (SCI-Expanded)

- XI. **Polyaniline-coated charcoal ash: a novel high-capacity adsorbent for removal of thiocyanate ions from aqueous solutions**  
Gengec N., Özbay B., Özbay İ., Kobya M., Gengeç E.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.103, no.16, pp.3865-3883, 2023 (SCI-Expanded)
- XII. **Nanoarchitecture of graphene nanosheets decorated with NiCr layered double hydroxide for sonophotocatalytic degradation of refractory antibiotics**  
Rad T. S., Yazici E. S., Khataee A., GENGEÇ E., KOBYA M.  
ENVIRONMENTAL RESEARCH, vol.214, 2022 (SCI-Expanded)
- XIII. **Electrochemical oxidation of pretreated landfill leachate nanofiltration concentrate in terms of pollutants removal and formation of by-products**  
Iskurt C., Aliyev E., GENGEÇ E., KOBYA M., Khataee A.  
CHEMOSPHERE, vol.307, 2022 (SCI-Expanded)
- XIV. **Treatment of real printing and packaging wastewater by combination of coagulation with Fenton and photo-Fenton processes**  
SAYIN F. E., Karatas O., ÖZBAY İ., GENGEÇ E., Khataee A.  
CHEMOSPHERE, vol.306, 2022 (SCI-Expanded)
- XV. **Graphene-based ZnCr layered double hydroxide nanocomposites as bactericidal agents with high sonophotocatalytic performances for degradation of rifampicin**  
Rad T. S., Khataee A., Arefi-Oskoui S., Rad S. S., Orooji Y., GENGEÇ E., Kobya M.  
CHEMOSPHERE, vol.286, 2022 (SCI-Expanded)
- XVI. **Zinc-chromium layered double hydroxides anchored on carbon nanotube and biochar for ultrasound-assisted photocatalysis of rifampicin**  
Khataee A., Arefi-Oskoui S., GENGEÇ E., KOBYA M., Yoon Y., Rad T. S., Rad S. S.  
ULTRASONICS SONOCHEMISTRY, vol.82, 2022 (SCI-Expanded)
- XVII. **High-performance carbon black electrode for oxygen reduction reaction and oxidation of atrazine by electro-Fenton process**  
Karatas O., Gengec N., GENGEÇ E., Khataee A., Kobya M.  
CHEMOSPHERE, vol.287, 2022 (SCI-Expanded)
- XVIII. **Anodic Oxidation of Effluents from Stages of MBR-UF Municipal Landfill Leachate Treatment Plant**  
Ukundimana Z., KOBYA M., Omwene P. I., GENGEÇ E., Can O. T.  
ENVIRONMENTAL ENGINEERING SCIENCE, vol.37, no.10, pp.702-714, 2020 (SCI-Expanded)
- XIX. **Dye degradation and kinetics of online Electro-Fenton system with thermally activated carbon fiber cathodes**  
Ergan B. T., GENGEÇ E.  
JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, vol.8, no.5, 2020 (SCI-Expanded)
- XX. **Removal of natural organic matter from Lake Terkos by EC process: Studying on removal mechanism by floc size and zeta potential measurement and characterization by HPSEC method**  
Ulu F., GENGEÇ E., Kobya M.  
JOURNAL OF WATER PROCESS ENGINEERING, vol.31, 2019 (SCI-Expanded)
- XXI. **TOC and COD removal from instant coffee and coffee products production wastewater by chemical coagulation assisted electrooxidation**  
Can O. T., GENGEÇ E., Kobya M.  
JOURNAL OF WATER PROCESS ENGINEERING, vol.28, pp.28-35, 2019 (SCI-Expanded)
- XXII. **Electrooxidation as post treatment of ultrafiltration effluent in a landfill leachate MBR treatment plant: Effects of BDD, Pt and DSA anode types**  
Ukundimana Z., Omwene P., GENGEÇ E., Can O. T., Kobya M.

- ELECTROCHIMICA ACTA, vol.286, pp.252-263, 2018 (SCI-Expanded)
- XXIII. **Heterogeneous Activation of Persulfate by Graphene Oxide-TiO<sub>2</sub> Nanosheet for Oxidation of Diclofenac: Optimization by Central Composite Design**  
GENÇ N., DURNA E., GENGEÇ E.  
WATER AIR AND SOIL POLLUTION, vol.229, no.10, 2018 (SCI-Expanded)
- XXIV. **Optimization of Beidellite/Polyaniline Production Conditions by Central Composite Design for Removal of Acid Yellow 194**  
Gengec N., İŞGÖREN M., Kobya M., VELİ S., GENGEÇ E.  
JOURNAL OF POLYMERS AND THE ENVIRONMENT, vol.26, no.6, pp.2619-2631, 2018 (SCI-Expanded)
- XXV. **Treatment of highly toxic cardboard plant wastewater by a combination of electrocoagulation and electrooxidation processes**  
GENGEÇ E.  
ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, vol.145, pp.184-192, 2017 (SCI-Expanded)
- XXVI. **Removal of humic acid by fixed-bed electrocoagulation reactor: Studies on modelling, adsorption kinetics and HPSEC analyses**  
Kac F. U., Kobya M., GENGEÇ E.  
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.804, pp.199-211, 2017 (SCI-Expanded)
- XXVII. **Removal of micropollutants from Sakarya River water by ozone and membrane processes**  
Yaman F. B., ÇAKMAKCI M., Yuksel E., Ozen I., GENGEÇ E.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.189, no.9, 2017 (SCI-Expanded)
- XXVIII. **Combined effects of co-existing anions on the removal of arsenic from groundwater by electrocoagulation process: Optimization through response surface methodology**  
Sik E., Kobya M., Demirbas E., Gengeç E., Oncel M. S.  
JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, vol.5, no.4, pp.3792-3802, 2017 (SCI-Expanded)
- XXIX. **Evaluation of wet air oxidation variables for removal of organophosphorus pesticide malathion using Box-Behnken design**  
İŞGÖREN M., GENGEÇ E., VELİ S.  
WATER SCIENCE AND TECHNOLOGY, vol.75, no.3, pp.619-628, 2017 (SCI-Expanded)
- XXX. **Treatments of alkaline non-cyanide, alkaline cyanide and acidic zinc electroplating wastewaters by electrocoagulation**  
Kobya M., Demirbas E., ÖZYONAR F., Sirtbas G., GENGEÇ E.  
PROCESS SAFETY AND ENVIRONMENTAL PROTECTION, vol.105, pp.373-385, 2017 (SCI-Expanded)
- XXXI. **Operating parameters and costs assessments of a real dyehouse wastewater effluent treated by a continuous electrocoagulation process**  
Kobya M., GENGEÇ E., Demirbas E.  
CHEMICAL ENGINEERING AND PROCESSING-PROCESS INTENSIFICATION, vol.101, pp.87-100, 2016 (SCI-Expanded)
- XXXII. **Color removal from anaerobic/aerobic treatment effluent of bakery yeast wastewater by polyaniline/beidellite composite materials**  
GENGEÇ E.  
JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, vol.3, no.4, pp.2484-2491, 2015 (SCI-Expanded)
- XXXIII. **Treatment of textile dyeing wastewater by electrocoagulation using Fe and Al electrodes: optimisation of operating parameters using central composite design**  
Kobya M., GENGEÇ E., Sensoy M. T., Demirbas E.  
COLORATION TECHNOLOGY, vol.130, no.3, pp.226-235, 2014 (SCI-Expanded)
- XXXIV. **Treatment of Baker's Yeast Wastewater by Electrocoagulation and Evaluation of Molecular Weight Distribution with HPSEC**  
GENGEÇ E., Kobya M.  
SEPARATION SCIENCE AND TECHNOLOGY, vol.48, no.18, pp.2880-2889, 2013 (SCI-Expanded)
- XXXV. **Optimizing Dye Adsorption Onto a Waste-Derived (Modified Charcoal Ash) Adsorbent Using Box-Behnken and Central Composite Design Procedures**

GENGEÇ E., ÖZDEMİR U., ÖZBAY B., ÖZBAY İ., VELİ S.

WATER AIR AND SOIL POLLUTION, vol.224, no.10, 2013 (SCI-Expanded)

XXXVI. **Optimization of baker's yeast wastewater using response surface methodology by electrocoagulation**

Gengeç E., Kobyas M., Demirbas E., Akyol A., Oktor K.

DESALINATION, vol.286, pp.200-209, 2012 (SCI-Expanded)

XXXVII. **Decolourization of melanoidins by a electrocoagulation process using aluminium electrodes**

Kobyas M., GENGEÇ E.

ENVIRONMENTAL TECHNOLOGY, vol.33, no.21, pp.2429-2438, 2012 (SCI-Expanded)

XXXVIII. **Electrochemical treatment of Baker's yeast wastewater containing melanoidin: optimization through response surface methodology**

Gengeç E., Kobyas M., Demirbas E., Akyol A., Oktor K.

WATER SCIENCE AND TECHNOLOGY, vol.65, pp.2183-2190, 2012 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Electrooxidation of Alkyd Resin Production Wastewater By Boreen Doped Diamond Electrode**  
ATALAY GENGEÇ N., GENGEÇ E., CAN O. T., KOBYA M.  
Academic Perspective Procedia, vol.1, pp.1026-1033, 2018 (Peer-Reviewed Journal)
- II. **The Adsorption of Basic Dye (Astrazon Blue FGRL) from Aqueous Solutions Onto Two Diferent Clays: Talc and Chrysotile**  
GENGEÇ E.  
Karaelmas Fen ve Mühendislik Dergisi, vol.7, pp.438-448, 2017 (Peer-Reviewed Journal)
- III. **Determination of Optimum Conditions in Treatment of Carbofos by Wet Air Oxidation with Using Pd/AC catalyst**  
Abanova Z., İŞGÖREN M., GENGEÇ E., VELİ S.  
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.19, no.1, pp.61-66, 2016 (ESCI)
- IV. **Pd/AC Katalizörü Eşliğinde Karbofos'un Islak Hava Oksidasyonu ile Arıtımında Optimum Koşulların Belirlenmesi**  
ABANOVA Z., İŞGÖREN M., GENGEÇ E., VELİ S.  
Politeknik Dergisi, vol.19, no.1, pp.61-66, 2016 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Electrodeposition: Fundamentals and Applications**  
DEMİRBAŞ E., KOBYA M., GENGEÇ E., CAN O. T., ŞENOCAK A., KHATAEE A.  
in: Contaminated Water: Pollutants, Effects and Remediation Technologies, Dominic O Brien, Editor, Nova Science Pulpishers, New York, pp.127-180, 2020

## Refereed Congress / Symposium Publications in Proceedings

- I. **Optimization of Treatment Parameters In Coagulation of The Textile Industry Wastewater**  
ALDAHHER M., WAHHOUB D., GENGEÇ E.  
7th International Aegean Conference on Innovation Technologies & Engineering, İzmir, Turkey, 26 April 2023, vol.1, pp.127-141
- II. **Treatment of The Textile Industry Wastewater Containing Polyvinyl Alcohol By Coagulation**  
WAHHOUB D., ALDAHHER M., GENGEÇ E.  
7th International Aegean Conference on Innovation Technologies & Engineering, İzmir, Turkey, 26 - 27 April 2023, vol.1, pp.142-150

- III. **Treatment of food aroma and ingredients production wastewater by electrochemical processes**  
GENGEÇ E., KOBYA M., Karakas O.  
5th International Eurasian Conference on Biological and Chemical Sciences, Turkey, 23 - 25 November 2022
- IV. **Treatment of dye production wastewater by coagulation and flocculation processes**  
Akalpoğlu B., GENGEÇ E., KOBYA M.  
5th International Eurasian Conference on Biological and Chemical Sciences, Turkey, 23 November 2022
- V. **Sonocatalytic Decomposition of Organic Pollutant Under Visible Light Over Graphene-Based NiCr Layered Double Hydroxide**  
Rad T. S., Yazici E. S., KHATAEE A., GENGEÇ E., KOBYA M.  
International Environmental Chemistry Congress, Antalya, Turkey, 1 - 04 November 2021
- VI. **ZnCr Layered Double Hydroxide@Biochar as Novel Sonophotocatalyst for Antibiotic Decontamination**  
Rad T. S., KHATAEE A., Rad S., Oskoui S., GENGEÇ E.  
International Environmental Chemistry Congress, Antalya, Turkey, 01 November 2021
- VII. **PREPARATION OF THERMAL MODIFIED CARBON CATHODE TO ELIMINATE DYE IN AQUEOUS MEDIUM USING ON-LINE ELECTRO- FENTON SYSTEM**  
Ergan B. T., Gengeç E., Soybelli M.  
6th INTERNATIONAL CONFERENCE ON SUSTAINABLE DEVELOPMENT, 6 - 07 November 2020, pp.2-3
- VIII. **Treatment By An Electrooxidation Process Using Tungsten Oxide Coating Electrodes Of Organic Compounds From Wastewaters**  
SARABI S. M., KOBYA M., GENGEÇ E., KHATAEE A.  
13. Ulusal 1. Uluslararası Çevre Mühendisliği Kongresi, Kocaeli-Gebze, Turkey, 10 - 12 October 2019, vol.1, pp.354-355
- IX. **Ağaç İşleme Atıksularının İleri Oksidasyon Yöntemleri İle Arıtılması**  
POLAT N., GENGEÇ E., ÖZBAY İ.  
1. Uluslararası Çevre Mühendisliği Kongresi, 10 - 12 October 2019
- X. **Kinetics of anodic oxidation of ammonia N, COD and TOC at each stage of the MBR treatment plant of leachate effluents**  
UKINDIMANA Z., KOBYA M., GENGEÇ E.  
4th Eurasian Conference on Civil and Environmental Engineering (ECOCEE), İstanbul, Turkey, 17 - 18 June 2019, vol.1, pp.659-670
- XI. **Molecular Weight Distribution Analysis and Coagulation of Nanofiltration Concentrate of a Municipal Landfill Leachate Treatment Plant**  
TURAN A., İSKURT Ç., GENGEÇ E., KOBYA M.  
4th Eurasian Conference on Civil and Environmental Engineering, İstanbul, Turkey, 17 - 18 June 2019, vol.1, pp.688-694
- XII. **Treatment of Coke Oven Wastewater by Electrochemical Oxidation Using BDD Anodes**  
İSKURT Ç., TURAN A., GENGEÇ E., KOBYA M.  
4th Eurasian Conference on Civil and Environmental Engineering (ECOCEE), İstanbul, Turkey, 17 - 18 June 2019, vol.1, pp.695-703
- XIII. **Treatment by a batch electrocoagulation reactor using Al and Fe plate electrodes of metal processing wastewater**  
KOBYA M., GENGEÇ E.  
International Symposium on Engineering Natural Sciences and Architecture (ISENSA 2019), Kocaeli, Turkey, 2 - 04 May 2019, vol.1, pp.205-209
- XIV. **Decolorization of Reactive Orange 67 dye by a packedbedreactor using a low-cost electrode material(industrial coke)**  
ALTAY M., KOBYA M., GENGEÇ E.  
International Symposium on Engineering Natural Sciences and Architecture (ISENSA 2019), Kocaeli, Turkey, 2 - 04 May 2019, vol.1, pp.196-201
- XV. **Treatment of nickel-cyanide electroplating wastewater by a batch electrocoagulation reactor using**

## **iron plate electrodes**

KOBYA M., GENGEÇ E.

International Symposium on Engineering Natural Sciences and Architecture (ISENSA 2019), Kocaeli, Turkey, 2 - 04 May 2019, vol.1, pp.190-195

- XVI. **ATIKTAN TÜRETİLMİŞ YAKIT ÜRETİM TESİSLERİNDE İŞLETME SORUNLARI VE ÇÖZÜM YAKLAŞIMLARI**  
ÖZBAY İ., ANGIN V. O., GENGEÇ E., ÖZBAY B.  
INTERNATIONAL CONGRESS OF ENERGY ECONOMY AND SECURITY, 10 - 11 November 2018
- XVII. **Atıktan türetilmiş Yakıt Üretim Tesislerinde İşletme Sorunları ve Çözüm Yaklaşımları**  
ÖZBAY İ., Angin V. O., GENGEÇ E., ÖZBAY B.  
International Congress of Energy Economy and Security (ENSCON), İstanbul, Turkey, 10 - 11 November 2018
- XVIII. **Electrooxidation of Alkyd Resin Production Wastewater By Borene Doped Diamond Electrode**  
ATALAY GENGEÇ N., GENGEÇ E., CAN O. T., KOBYA M.  
6th International Symposium on Innovative Technologies in Engineering and Science, Antalya, Turkey, 9 - 11 November 2018
- XIX. **Electrooxidation of Alkyd Resin Production Wastewater by Borene Doped Diamond Electrode**  
ATALAY GENGEÇ N., GENGEÇ E., CAN O. T., KOBYA M.  
6th INTERNATIONAL SYMPOSIUM ON INNOVATIVE TECHNOLOGIES IN ENGINEERING AND SCIENCE, Antalya, Turkey, 9 - 11 November 2018, pp.1026-1033
- XX. **Color Removal of Astrazon Blue through Electro-Fenton Using Carbon Fiber Cathode**  
TEMUR ERGAN B., GENGEÇ E.  
2nd International Conference on Innovations in Natural Science and Engineering, Kiev, Ukraine, 7 - 10 September 2018
- XXI. **Electrooxidation Of Cardboard Plant Wastewater By Ti/Ru-Ir-Sn And Ti/Ru-Ir Electrodes**  
GENGEÇ E., ANAC M., DURMUS B., KOBYA M.  
The third edition of International Conference on Civil and Environmental Engineering (ICOCEE), 24 - 27 April 2018, pp.451
- XXII. **The Effect Of Process Parameters On Removal Efficiencies Of Electro-Fenton Process By Carbon Felt Electrode.**  
GENGEÇ E., ATALAY GENGEÇ N., KOBYA M., ANAC M.  
Third edition of International Conference on Civil and Environmental Engineering (ICOCEE), İzmir, Turkey, 24 - 27 April 2018, vol.2, pp.487-492
- XXIII. **The Effect of Process Parameters on Removal Efficiencies of Electro-Fenton Process by Carbon Felt Electrode**  
GENGEÇ E., ATALAY GENGEÇ N., KOBYA M., ANAC M.  
3rd International Conference on Civil and Environmental Engineering (ICOCEE), ÇEŞME, Turkey, 24 - 27 April 2018
- XXIV. **The effect of process parameters on removal efficiencies of electro-Fenton process by graphite felt electrode**  
GENGEÇ E., GENGEÇ N. A., KOBYA M., ANAC M.  
3. International Conference on Civil and Environmental Engineering, Çeşme, İzmir, Turkey, 24 - 27 April 2018, vol.2, pp.487-492
- XXV. **OPTIMIZATION OF OPERATION COST WITH BOX-BEHNKEN DESIGN IN ELECTROCHEMICAL WASTEWATER TREATMENT METHODS: A COMPREHENSIVE REVIEW**  
GENGEÇ E.  
INTERNATIONAL CONGRESS OF ENERGY ECONOMY AND SECURITY, İstanbul, Turkey, 21 - 22 April 2018, pp.100
- XXVI. **Electrooxidation of ultrafiltration effluent in a landfill leachate treatment plant by DSA anodes**  
OMWENE P. I., UKUNDIMANA Z., GENGEÇ E., CAN O. T., KOBYA M.  
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- XXVII. **Electrooxidation of treatment stage effluents (raw leachate, anoxic-aerobic oxidation and ultrafiltration) in landfill leachate plant using BDD anodes**  
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- XXVIII. **Treatment of Acid Orange 7 dye by Electro- Fenton: Optimization through Response Surface Methodology**  
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- XXIX. **The Removal of Phenol by Electro-Oxidation Process Using Graphene Cathode**  
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- XXX. **The Removal of Phenol by Electro-Oxidation Process Using Graphene Cathode**  
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- XXXVII. **Struvite and potassium calcium sulphate production by recovery of ammonium and sulphate from anesthetic gas N2O plant wastewaters**  
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### **Tasks In Event Organizations**

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### **Metrics**

Publication: 89  
Citation (WoS): 851  
Citation (Scopus): 951  
H-Index (WoS): 17  
H-Index (Scopus): 18