

## Assoc. Prof. ERHAN GENGEÇ

### Personal Information

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### Education Information

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

Post Graduate, Kocaeli University, Mühendislik Fakültesi, Çevre Mühendisliği, Turkey 2001 - 2005

Under Graduate, Kocaeli Üniversitesi, 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

Post Graduate, 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

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

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

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

### Academic and Administrative Experience

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

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

Kocaeli Üniversitesi, Ali Rıza Veziroğlu Meslek Yüksekokulu, 2015 - Continues

Kocaeli Üniversitesi, Ali Rıza Veziroğlu Meslek Yüksekokulu, Teknik Programlar Bölümü, 2013 - Continues

## Courses

Elektrokimyasal Arıtma Yöntemleri, Post Graduate, 2016 - 2017, 2017 - 2018

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

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

Çevre Analiz Teknikleri, Associate Degree, 2016 - 2017

## Advising Theses

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

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

## Jury Memberships

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

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

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

Doctorate, Doctorate, 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

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

- I. **Polyaniline-coated charcoal ash: a novel high-capacity adsorbent for removal of thiocyanate ions from aqueous solutions**

Gengeç N. A. , ÖZBAY B., ÖZBAY İ., KOBAY M., GENGEÇ E.

INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, 2021 (Journal Indexed in SCI)

- II. **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, pp.1-11, 2020 (Journal Indexed in SCI)

- III. **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 (Journal Indexed in SCI)
- IV. **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 (Journal Indexed in SCI)
- V. **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 (Journal Indexed in SCI)
- VI. **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 (Journal Indexed in SCI)
- VII. **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 (Journal Indexed in SCI)
- VIII. **Optimization of Beidellite/Polyaniline Production Conditions by Central Composite Design for Removal of Acid Yellow 194**  
Gengeç N. A. , İŞGÖREN M., Kobya M., VELİ S., GENGEÇ E.  
JOURNAL OF POLYMERS AND THE ENVIRONMENT, vol.26, no.6, pp.2619-2631, 2018 (Journal Indexed in SCI)
- IX. **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 (Journal Indexed in SCI)
- X. **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 (Journal Indexed in SCI)
- XI. **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 (Journal Indexed in SCI)
- XII. **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 (Journal Indexed in SCI)
- XIII. **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 (Journal Indexed in SCI)
- XIV. **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 (Journal Indexed in SCI)
- XV. **Operating parameters and costs assessments of a real dyehouse wastewater effluent treated by a continuous electrocoagulation process**

Kobyas M., GENGEÇ E., Demirbas E.

CHEMICAL ENGINEERING AND PROCESSING-PROCESS INTENSIFICATION, vol.101, pp.87-100, 2016 (Journal Indexed in SCI)

- XVI. **Treatment of textile dyeing wastewater by electrocoagulation using Fe and Al electrodes: optimisation of operating parameters using central composite design**  
Kobyas M., GENGEÇ E., Sensoy M. T., Demirbas E.  
COLORATION TECHNOLOGY, vol.130, no.3, pp.226-235, 2014 (Journal Indexed in SCI)
- XVII. **Treatment of Baker's Yeast Wastewater by Electrocoagulation and Evaluation of Molecular Weight Distribution with HPSEC**  
GENGEÇ E., Kobyas M.  
SEPARATION SCIENCE AND TECHNOLOGY, vol.48, no.18, pp.2880-2889, 2013 (Journal Indexed in SCI)
- XVIII. **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 (Journal Indexed in SCI)
- XIX. **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 (Journal Indexed in SCI)
- XX. **Decolourization of melanoidins by a electrocoagulation process using aluminium electrodes**  
Kobyas M., GENGEÇ E.  
ENVIRONMENTAL TECHNOLOGY, vol.33, no.21, pp.2429-2438, 2012 (Journal Indexed in SCI)
- XXI. **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 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **The Adsorption of Basic Dye (Astrazon Blue FGRL) from Aqueous Solutions Onto Two Different Clays: Talc and Chrysotile**  
GENGEÇ E.  
Karaelmas Fen ve Mühendislik Dergisi, vol.7, pp.438-448, 2017 (Other Refereed National Journals)
- II. **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-POLİTEKNİK DERGISİ, vol.19, no.1, pp.61-66, 2016 (Journal Indexed in ESCI)
- III. **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 (Refereed Journals of Other Institutions)
- IV. **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 (Journal Indexed in ESCI)

## 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 Publishers, New York, pp.127-180, 2020

## Refereed Congress / Symposium Publications in Proceedings

- I. **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
- II. **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
- III. **Ağaç İşleme Atıksularının İleri Oksidasyon Yöntemleri İle Arıtılması**  
POLAT N., GENGEÇ E., ÖZBAY İ.  
1. Uluslararası Çevre Mühendisliği Kongresi, 10 - 12 October 2019
- IV. **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
- V. **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
- VI. **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
- VII. **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
- VIII. **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
- IX. **Decolorization of Reactive Orange 67 dye by a packed bed reactor 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
- X. **ATIKTAN TÜRETİLMİŞ YAKIT ÜRETİM TESİSLERİNDE İŞLETME SORUNLARI VE ÇÖZÜM YAKLAŞIMLARI**  
ÖZBAY İ., ANGIN V. O. , GENGEÇ E., ÖZBAY B.  
INTERNATIONAL CONGRESS OF ENERGY SECURITY, 10 - 11 November 2018

- XI. **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
- XII. **Electrooxidation of Alkyd Resin Production Wastewater by Bore 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
- XIII. **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
- XIV. **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
- XV. **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
- XVI. **The Effect of Process Parameters on Removal Efficiencies of Electro-Fenton Process by Graphite 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
- XVII. **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
- XVIII. **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
- XIX. **Electrooxidation of ultrafiltration effluent in a landfill leachate treatment plant by DSA anodes**  
OMWENE P. I. , UKUNDİMANA Z., GENGEÇ E., CAN O. T. , KOBYA M.  
2nd International Conference on Civil and Environmental Engineering, 8 - 10 May 2017
- XX. **Electrooxidation of treatment stage effluents (raw leachate, anoxic-aerobic oxidation and ultrafiltration) in landfill leachate plant using BDD anodes**  
UKUNDİMANA Z., OMWENE P. I. , GENGEÇ E., CAN O. T. , KOBYA M.  
2nd International Conference on Civil and Environmental Engineering, 8 - 10 May 2017
- XXI. **Treatment of Acid Orange 7 dye by Electro- Fenton: Optimization through Response Surface Methodology**  
GENGEÇ E., KOBYA M., DURMUS B.  
3rd International Conference on Engineering and Natural Sciences (ICENS), Budapest, Hungary, 3 - 07 May 2017
- XXII. **The Removal of Phenol by Electro-Oxidation Process Using Graphene Cathode**  
GENGEÇ E., ATALAY GENGEÇ N., MERVE A., KOBYA M.  
3rd International Conference on Engineering and Natural Sciences (ICENS), Budapest, Hungary, 3 - 07 May 2017
- XXIII. **The Effect of Production Conditions on the Structural and Physical Properties of the Graphene a potential electrode**  
ATALAY GENGEÇ N., GENGEÇ E., KOBYA M.  
3rd International Conference on Engineering and Natural Sciences (ICENS), Budapest, Hungary, 3 - 07 May 2017

- XXIV. **The effect of production conditions on the structural and physical properties of the graphene: A potential electrode**  
 GENGEÇ N. A. , GENGEÇ E., KOBYA M.  
 3rd International Conference on Engineering and Natural Science, Budapest, Hungary, 3 - 07 May 2017, pp.212-217
- XXV. **Removal of Organophosphorous Pesticide from Water with Fenton and Photo Fenton Reaction**  
 İŞGÖREN M., GENGEÇ E., VELİ S., ABANOVA J.  
 3rd International Conference on Recycling and Reuse, 28 - 30 August 2016
- XXVI. **Affinity of electrocoagulation process on hydrophobic hydrophilic fraction of Baker s yeast wastewater**  
 GENGEÇ E., KOBYA M.  
 13th International Conference on Protection and Restoration of the Environment, Mykonos, Greece, 3 - 08 July 2016, pp.72-80
- XXVII. **Humic acid removal from aqueous solution by fixed bed electrocoagulation reactor using Al ball anodes**  
 ULU F., GENGEÇ E., KOBYA M.  
 13th International Conference on Protection and Restoration of the Environment, Mykonos, Greece, 3 - 08 July 2016, pp.80-86
- XXVIII. **Treatment of alkaline and acidic zinc plating wastewaters by electrocoagulation using iron plate anodes**  
 KOBYA M., DEMİRBAŞ E., ÖZYONAR F., SİRTBAS G., GENGEÇ E.  
 The Fifth International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) and to the SECOTOX Conference, Mykonos, Greece, 14 - 18 June 2015
- XXIX. **Struvite and potassium calcium sulphate production by recovery of ammonium and sulphate from anesthetic gas N2O plant wastewaters**  
 ULU F., GENGEÇ E., KOBYA M., DEMİRBAŞ E.  
 The Fifth International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) and to the SECOTOX Conference, Mykonos, Greece, 14 - 18 June 2015
- XXX. **Evaluation of non catalytic wet air oxidation variables for removal of organophosphorous pesticide malathion using Box Behnken**  
 GENGEÇ E., İŞGÖREN M., KOBYA M., VELİ S.  
 International Conference on Civil and Environmental Engineering, Cappadocia, Turkey, 20 - 23 May 2015
- XXXI. **Effect of Anions on Arsenic Removal from Groundwater by Air Feed Electrocoagulation Reactor Using Iron Ball Anodes**  
 SİK E., GENGEÇ E., KOBYA M., DEMİRBAŞ E., ÖNCEL M. S.  
 The International Conference on Civil and Environmental Engineering (ICOCEE - Cappadocia 2015), Nevşehir, Turkey, 20 - 23 May 2015
- XXXII. **EVALUTION OF NON CATALYTIC WET AIR OXIDATION VARIABLES FOR REMOVAL OF ORGANOPHOSPHOROUS PESTICIDE MALATHION USING BOX BEHNKEN**  
 İŞGÖREN M., GENGEÇ E., VELİ S.  
 The International Conference on Civil and Environmental Engineering (ICOCEE - Cappadocia 2015), Nevşehir, Turkey, 20 - 23 May 2015
- XXXIII. **Monitoring of molecular weight distribution by HPSEC with ultraviolet diode array and refractive index detectors in biologically treated bakery yeast wastewater**  
 GENGEÇ E., KOBYA M.  
 The International Conference on Civil and Environmental Engineering (ICOCEE - Cappadocia 2015), Nevşehir, Turkey, 20 - 23 May 2015
- XXXIV. **Optimization by Central Composite Design of a New Adsorbent Beidellite Polyaniline Production For Adsorption of Acid Yellow 194**  
 GENGEÇ E., İŞGÖREN M., KOBYA M., VELİ S.  
 International Conference on Advances in Composite Materials and Structures, İstanbul, Turkey, 13 - 15 April 2015

- XXXV. **Effects of charge loading and electrode connection mode on treatment of cattle slaughterhouse wastewater by hybrid aluminium iron electrodes**  
ÖZYONAR F., GENGEÇ E., KOBYA M., DEMİRBAŞ E.  
The Fifth International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) and to the SECOTOX Conference, Mykonos, Greece, 14 - 18 June 2015
- XXXVI. **Photocatalytic Oxidation of Benzoquinone in Aqueous ZnO Suspensions**  
GENGEÇ E., KOBYA M., CAN O. T. , AKYOL A.  
2nd International Conference on Recycling and Reuse, İstanbul, Turkey, 4 - 06 June 2014
- XXXVII. **Maya Endüstrisi Atık Sularının Elektrokoagülasyonla Arıtımında Moleküler Ağırlık Dağılımının İncelenmesi**  
GENGEÇ E., KOBYA M.  
Kromatografi Kongresi -2013, Tokat, Turkey, 6 - 09 June 2012
- XXXVIII. **Response surface methodology for treatment of Baker s yeast wastewater by electrocoagulation**  
GENGEÇ E., KOBYA M., DEMİRBAŞ E., AKYOL A., OKTOR K.  
AGRO 2011 The Eighth IWA International Symposium on Waste Management Problems in Agro-Industries, 22 - 24 July 2011, pp.383-393

## Supported Projects

- GENGEÇ E., TEMUR ERGAN B., Project Supported by Higher Education Institutions, Kimyasal Olarak Modifiye Edilmiş Karbon Fiberlerin ElektroFenton Prosesinde Etkinliğinin incelenmesi, 2019 - Continues
- Ergan B. T. , Gengeç E., TUBITAK Project, Biyoçar Elektrotların Modifikasyon Şartlarının Elektro-Fenton Prosesinde Arıtım Verimi ve Kinetiği Üzerine Etkilerinin İncelenmesi, 2020 - 2021
- GENGEÇ E., Project Supported by Higher Education Institutions, ATIK SULARIN ELEKTRO-FENTON YÖNTEMİ İLE ARITIMINDA KARBON TEMELLİ ELEKTROTLARIN KULLANIM POTANSİYELLERİ, 2019 - 2021
- Gengeç E., Technopark, Çam Ağaçlarından Reçine Eldesinde Asit Pasta Veriminin Metal Katalizör ile İyileştirilmesi, 2020 - 2020
- GENGEÇ E., Project Supported by Higher Education Institutions, 2019- SU ATIKSU LABORATUVARI (ÇEVRE KORUMA TEKNOLOJİLERİ), 2019 - 2020
- GENGEÇ E., Project Supported by Higher Education Institutions, ÇELTİK KAVUZUNDAN ATIKSU ARITIMINDA KULLANILMAK ÜZERE ADSORBENT ÜRETİMİ, 2018 - 2019
- GENGEÇ E., Project Supported by Higher Education Institutions, ELEKTRO-PENTON YÖNTEMİ İLE SULARDAN FENOL GİDERİMİ VE GİDERİM MEKANİZMASININ İNCELENMESİ, 2017 - 2018
- GENGEÇ E., Project Supported by Higher Education Institutions, GRAFEN TABANLI KATOTLARIN ELEKTROT-FENTON YÖNTEMİ İLE SU/ATIKSU ARITIMINDA KULLANIMI, 2017 - 2018
- GENGEÇ E., Project Supported by Higher Education Institutions, GRAFEN VE GRAFEN-METAL KOMPOZİT ADSORBENTLERİN ÜRETİMİ VE SUDAN ORGANİK KİRLİTİCİLERİN GİDERİMİ, 2016 - 2017
- GENGEÇ E., TUBITAK Project, Grafen ve Grafen Metal Kompozit Anotların Üretimi ve Üretilen Anotların Kullanıldığı Elektrooksidasyon Prosesi ile Sudan Organik Kirleticilerin Giderimi, 2015 - 2017
- GENGEÇ E., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Dezavantajlı Gruplar Sürekli Eğitim Birimi, 2013 - 2015
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