

## Lect. MELİKE İŞGÖREN

### Personal Information

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### Education Information

Doctorate, Kocaeli University, Fen Bilimleri Enstitüsü, Çevre Mühendisliği Anabilim Dalı, Turkey 2010 - 2016

### Dissertations

Doctorate, Malathionun atık katalitik konvertör katalizörlüğünde ıslak hava oksidasyonu prosesi ile arıtımı; kinetik ve termodinamik parametrelerin incelenmesi ve yüzey yanıt sistemi ile optimizasyonu, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Çevre Mühendisliği Anabilim Dalı, 2016

### Research Areas

Waste Water Collection and Treatment

### Academic Titles / Tasks

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

### Academic and Administrative Experience

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

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

- I. **Modeling of linear alkyl benzene sulphonic acid removal from aqueous solution with fixed bed adsorption column: Thomas and Yoon-Nelson methods**  
Belat B., VELİ S., İŞGÖREN M.  
JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, 2022 (Journal Indexed in SCI)
- II. **Optimization of Beidellite/Polyaniline Production Conditions by Central Composite Design for Removal of Acid Yellow 194**  
Gengeç N. A. , İŞGÖREN M., Kobyas M., VELİ S., GENGEÇ E.  
JOURNAL OF POLYMERS AND THE ENVIRONMENT, vol.26, no.6, pp.2619-2631, 2018 (Journal Indexed in SCI)
- III. **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)

## Articles Published in Other Journals

- I. **Experimental design approach to COD and color removal of landfill leachate by the electrooxidation process**  
Veli S., Arslan A., İşgören M., Bingöl D., Demiral D.  
Environmental Challenges, vol.5, no.100369, pp.1-8, 2021 (Refereed Journals of Other Institutions)
- 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 DERGİSİ, 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. **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, pp.61-66, 2016 (Other Refereed National Journals)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Sonochemical Oxidation Of Linear Alkyl Benzene Sulfonic Acid In Aqueous Solution**  
ARSLAN A., İŞGÖREN M.  
7th International Mardin Artuklu Scientific Researches Conference, Mardin, Turkey, 10 December 2021
- II. **Modeling of the Adsorption Process of Industrial Laundry Wastewaters with the Sunflower Seeds-Pyrrole-FeCl<sub>3</sub> Composite**  
VELİ S., İŞGÖREN M., ARSLAN A., TOPKAYA E., GÜLÜMSER Ç., KURTKULAK H., BELAT B., ZEYBEK Ş., ZOR S., DİMOGLO A.  
2nd International Conferences on Science and Technology (ICONST'xx19), Prizren, Serbia And Montenegro, 26 - 30 August 2019, pp.181-190
- III. **Synthesis of Waste Shells/Pyrrole-FeCl<sub>3</sub> Composite and Application in Treatment of Industrial Laundry Wastewater**  
VELİ S., ARSLAN A., İŞGÖREN M., TOPKAYA E., GÜLÜMSER Ç., KURTKULAK H., ZEYBEK Ş., ZOR S., DİMOGLO A.  
International Congress on Engineering and Architecture (ENAR-2018), Antalya, Turkey, 14 - 16 November 2018, vol.1, pp.833-842
- IV. **Evaluation of Reaction Variables in the Adsorption Process of Industrial Laundry Wastewaters with the Rice Husk Shell-PAN(K<sub>2</sub>S<sub>2</sub>O<sub>8</sub>) Composite by Response Surface Methodology**  
VELİ S., ARSLAN A., İŞGÖREN M., TOPKAYA E., GÜLÜMSER Ç., KURTKULAK H., ZEYBEK Ş., ZOR S., DİMOGLO A.  
International Congress on Engineering and Architecture (ENAR-2018), Antalya, Turkey, 14 - 16 November 2018, vol.1, pp.862-873
- V. **Çamaşırhane atıksularının elektroperokson yöntemi ile arıtımında çalışma parametrelerinin belirlenmesi**  
İŞGÖREN M., DİNÇ Ö.  
ENAR-2018, 14 - 16 November 2018
- VI. **Synthesis of Waste Shells/Pyrrole-FeCl<sub>3</sub> Composites and Application in Treatment of Industrial Laundry Wastewater**  
VELİ S., ARSLAN A., İŞGÖREN M., TOPKAYA E., GÜLÜMSER Ç., KURTKULAK H., ZEYBEK Ş., ZOR S., DİMOGLO A.  
Congress on Engineering and Architecture (ENAR-2018), Alanya, Turkey, 14 - 16 November 2018, pp.804-813
- VII. **Mobility Of Atrazine İn Agricultural Soil From Sakarya, Turkey**  
İŞGÖREN M., ASLAN KILAVUZ S., AKYOL N. H.  
3. International Conference On Civil And Environmental Engineering, 24 - 27 April 2018

- VIII. **Economic Evaluation of Reactivation of Waste Automobile Catalytic Converters with the Aim of Reuse in Water Treatment Process**  
 İŞGÖREN M., VELİ S.  
 3rd International Conference on Civil and Environmental Engineering (ICOCEE-2018), İzmir, Turkey, 24 - 27 April 2018, vol.2, pp.341
- IX. **AN ASSESSMENT ON EFFECTS OF USING RENEWABLE ENERGY RESOURCES IN TURKEY**  
 İŞGÖREN M., EKER A.  
 3rd International Conference on Applied Economics and Finance, 6 - 07 December 2017
- X. **Color Removal From Landfill Leached with the Electro Oxidation Process**  
 VELİ S., ARSLAN A., İŞGÖREN M., DEMİRAL D.  
 3RD International Turkic World Conference on Chemical Science and Technologies, Baku, Azerbaijan, 10 - 13 September 2017
- XI. **Synthesis and usage of PANI/ZnO, PANI/TiO<sub>2</sub>, PANI/(TiO<sub>2</sub>ZnO) olymer Composites for the treatment of wastewaters having high organic pollution**  
 ZOR S., VELİ S., İSGOREN M., ARSLAN A., OZTURK F., KAYMAKCI B.  
 The International Conference on Civil and Environmental Engineering, 8 - 10 May 2017, pp.576-583
- XII. **Applicability of Metal Oxide Supported Polymeric Catalysts to Catalytic Wet Air Oxidation**  
 VELİ S., İŞGÖREN M., ARSLAN A., GEÇİLİ A., ZOR S.  
 2ND INTERNATIONAL CONFERENCE ON CIVIL AND ENVIRONMENTAL ENGINEERING, Nevşehir, Turkey, 8 - 10 May 2017
- XIII. **Synthesis and Usage of PANI/ZnO, PANI/TiO<sub>2</sub>, PANI/(TiO<sub>2</sub>ZnO) Polymer Composites for the Treatment of Wastewaters Having High Organic Pollution**  
 ZOR S., VELİ S., İŞGÖREN M., ARSLAN A., ÖZTÜRK F., KAYMAKÇI B.  
 2nd International Conference on Civil and Environmental Engineering (ICOCEE-2017), Nevşehir, Turkey, 8 - 10 May 2017, vol.1, pp.576-585
- XIV. **Aplicability of Metal Oxide Supported Polymeric Catalysts to Catalytic Wet Air Oxidation**  
 VELİ S., İŞGÖREN M., ARSLAN A., Geçili A., ZOR S.  
 ICOCEE, 2017- 2nd International Conference on Civil and Environmental Engineering, 8 - 10 May 2017
- XV. **Reactivation of Waste Automobile Catalytic Converters for the Water Treatment Purposes**  
 İŞGÖREN M., VELİ S., ABANOVA Z.  
 3rd International Conference on Recycling and Reuse, İstanbul, Turkey, 28 - 30 September 2016, pp.130-135
- XVI. **An Investigation of Malathion Treatability by O<sub>3</sub> and O<sub>3</sub> UV Process from Aqueous Solutions**  
 İŞGÖREN M., ARSLAN A., TOPKAYA E., VELİ S.  
 International Science and Technology Conference, 13 - 15 July 2016
- XVII. **An Investigation of Malathion Treatability by O<sub>3</sub> and O<sub>3</sub> UV Processes from Aqueous Solutions**  
 İŞGÖREN M., ARSLAN A., TOPKAYA E., VELİ S.  
 International Science and Technology Conference, Viyana, Austria, 13 - 15 July 2016
- XVIII. **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
- XIX. **Evaluation of non catalytic wet air oxidation variables for removal of orgonophosphrous 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
- XX. **EVALUTION OF NON CATALYTIC WET AIR OXIDATION VARIABLES FOR REMOVAL OFORGONOPHOSPHROUS 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
- XXI. **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.

Internatinal Conference on Advances in Composite Materials and Structures, İstanbul, Turkey, 13 - 15 April 2015

XXII. **Tekstil Endüstrisi Atıksuyunun Elektrokimyasal Yöntemler ile Arıtımında KOİ TOK ve Renk Giderimi**  
İŞGÖREN M., VELİ S., YILDIZ M. A.

3. Uluslararası Bursa Su kongresi ve Sergisi, 22-24 Mart, Bursa, 2013, Bursa, Turkey, 22 - 24 March 2013, vol.2,  
pp.879-885

## Supported Projects

İŞGÖREN M., Project Supported by Higher Education Institutions, ATIK KABUKLARDAN SENTEZLENEN KATALİZÖRLER  
İLE ÇAMAŞIRHANE ATIKSUYUNUN KATALİTİK ISLAK OKSİDASYON METODU İLE ARITIMI, 2018 - 2019

İŞGÖREN M., Project Supported by Higher Education Institutions, PETROL İLE KONTAMİNE OLMUŞ BAKÜ-CEYHAN BORU  
HATTI TOPRAK NUMUNELERİNDE PETROL BİLEŞENLERİNİN İLERİ OKSİDASYON YÖNTEMİ İLE ARITILABİLİRLİĞİNİN  
ARAŞTIRILMASI, 2017 - 2018

## Citations

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