

Asst. Prof. MELİKE İŞGÖREN

Personal Information

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International Researcher IDs

ORCID: 0000-0003-0952-1403

Publons / Web Of Science ResearcherID: F-6448-2018

ScopusID: 57193864145

Yoksis Researcher ID: 42413

Education Information

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

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Turkey 2002 - 2005

Undergraduate, Kocaeli University, Turkey 1998 - 2002

Foreign Languages

English, C1 Advanced

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

Assistant Professor, Kocaeli University, İzmit Meslek Yüksekokulu, Çevre Koruma Teknolojileri, 2023 - Continues

Lecturer PhD, Kocaeli University, İzmit Meslek Yüksekokulu, Çevre Koruma Teknolojileri, 2020 - 2023

Lecturer PhD, Kocaeli University, Ali Rıza Veziroğlu Meslek Yüksekokulu, 2016 - 2020

Lecturer, Kocaeli University, Ali Rıza Veziroğlu Meslek Yüksekokulu, Çevre Koruma Teknolojileri Bölümü, 2007 - 2016

Academic and Administrative Experience

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Kocaeli University, İzmit Meslek Yüksekokulu, Çevre Koruma Teknolojileri, 2023 - Continues

Birim Kalite Komisyonu Üyesi, Kocaeli University, İzmit Meslek Yüksekokulu, Çevre Koruma Teknolojileri, 2023 - Continues

Deputy Head of Department, Kocaeli University, İzmit Meslek Yüksekokulu, Çevre Koruma Teknolojileri, 2013 - Continues

Courses

İLERİ ARITMA TEKNİKLERİ, Associate Degree, 2023 - 2024

Su Kirliliği ve Kontrolü, Associate Degree, 2023 - 2024

PROJE 1, Associate Degree, 2023 - 2024

ADSORPSİYON PROSESLERİ, Doctorate, 2023 - 2024

İŞÇİ SAĞLIĞI İŞ GÜVENLİĞİ, Undergraduate, 2022 - 2023

Çevre ve Kalite Yönetim Sistemleri, Associate Degree, 2022 - 2023

PROJE II, Associate Degree, 2022 - 2023

TOPLUMSAL SORUMLULUK PROJESİ, Associate Degree, 2023 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Response surface optimization of electrocoagulation for the removal of C.I. Disperse Red 343 and Isolan Bordeaux 2S-B dyes**
SEZER M., Goktas C. G., İŞGÖREN M., VELİ S., Bingol S. N., Cakmak I. N.
Desalination and Water Treatment, vol.317, 2024 (SCI-Expanded)
- II. **Kinetics and thermodynamics of Isolan Bordeaux 2S-B dye adsorption on chemically synthesized graphene particles**
İŞGÖREN M.
FULLERENES NANOTUBES AND CARBON NANOSTRUCTURES, vol.32, no.7, pp.664-675, 2024 (SCI-Expanded)
- III. **Experience in using a pilot plant for the treatment and reuse of laundries wastewater: electroflotocoagulation and adsorption**
Dimoglo A., Veli S., Konukman A. E. S., Gunenc P., Seker M. G., Dinc O., ARSLAN A. S., Isgoren M., Belat B., Kurtkulak H., et al.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.20, no.5, pp.5427-5440, 2023 (SCI-Expanded)
- IV. **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)
- V. **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, vol.97, no.7, pp.1771-1780, 2022 (SCI-Expanded)
- VI. **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)
- VII. **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)

Articles Published in Other Journals

- I. **Waste Carbon Felt Polymerization with Pyrrole and Usability as Cathode**
Sezer M., İşgören M., Veli S., Dimoglo A.
Journal of advanced research in natural and applied sciences (Online), vol.9, no.4, pp.981-989, 2023 (Peer-Reviewed Journal)
- II. **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 (Scopus)
- III. **Advanced treatment of pre-treated commercial laundry wastewater by adsorption process: Experimental design and cost evaluation**
Veli S., Arslan A., Gülümser Ç., Topkaya E., Kurtkulak H., Zeybek Ş., Dimoglo A.
Journal of Ecological Engineering, vol.20, no.10, pp.165-171, 2019 (Scopus)
- IV. **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 DERGİSİ, vol.19, no.1, pp.61-66, 2016 (ESCI)
- V. **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)

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-FeCl₃ 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-FeCl₃ 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(K2S2O8) 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-FeCl₃ 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., DİMOĞLO 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/TiO₂, PANI/(TiO₂ZnO) olymer Composites for the treatment of wastewaters having high organic pollution**
ZOR S., VELİ S., İSGÖREN M., ARSLAN A., ÖZTÜRK 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/TiO₂, PANI/(TiO₂ZnO) 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 O₃ and O₃ 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 O₃ and O₃ 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 organophosphorous pesticide malathion using Box Behnken**
GENGEÇ E., İŞGÖREN M., KOBAYASHI 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 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

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.

International 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

VELİ S., ARSLAN A., ZOR S., BİNGÖL D., İŞGÖREN M., Project Supported by Higher Education Institutions, SIZINTI SUYUNUN KATALİTİK ISLAK HAVA OKSİDASYONU VE ELEKTROOKSİDASYON YÖNTEMLERİ İLE ARITILABİLİRLİĞİNİN İNCELENMESİ, 2016 - 2017

Scientific Refereeing

Düzce Üniversitesi Bilim ve Teknoloji Dergisi, National Scientific Refreed Journal, October 2023

SİVAS CUMHURİYET ÜNİVERSİTESİ BİLİM VE TEKNOLOJİ DERGİSİ, National Scientific Refreed Journal, April 2023

Metrics

Publication: 34

Citation (WoS): 44

Citation (Scopus): 73

H-Index (WoS): 5

H-Index (Scopus): 5

Non Academic Experience

Organized industrial Zone, TOSB OSB, ÇEVRE BİİRİMİ

TOSB-TAYSAD OSB

TEMİS YÖNETİM SİSTEMLERİ

DEĞİŞİM DANIŞMANLIK