



Gülay ARSLAN

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Education

B.Sc : Environmental Engineering, Istanbul University, Istanbul, 2012

M.Sc : Environmental Engineering, Marmara University, 2016

PhD: Environmental Engineering, Marmara University, 2016-

B.Sc Thesis

“Recycling and Characterization of Textile Wastewater” Istanbul University Advisor: Prof. Dr. Hüseyin SELÇUK

M.Sc Thesis

” Ammonium Ion Removal In Segregated Fluidized Beds: Effects of Flow Rate and Number of Segregated Layers ” Marmara University Advisor: Assist. Prof. Dr. Elif SOYER

Research Interests

Water Treatment Technology

Membranes in water treatment

Adsorption and ion exchange in Environmental Engineering

Professional Experience

Research Asistant Marmara University, Istanbul, Turkey, 2012

Projects

TUBITAK 112Y064 Production of Nano- Composite Membranes for Use in Water and Wastewater Treatment (01/12/2012 - 01/12/2014)

Courses Assisted

CHEM 101 General Chemistry I
CHEM 102 General Chemistry II
ENVE 201 Environmental Engineering Chemistry I
ENVE 202 Environmental Engineering Chemistry II
ENVE 311 Water Supply
ENVE 322 Wastewater Engineering
ENVE 301 Environmental Engineering Unit Processes
ENVE 411 Water Engineering Design
ENVE 422 Wastewater Engineering Design

Presentations in Conference (International)

1. Zolfagharian P., Arslan G., Yigit-Hunce S. and Soyer E. (2018) Preparation of Calcium Carbonate Nanoparticles: Adsorption and Desorption Behavior of Organic Matter, 3rd EWaS International Conference, 27-30 June 2018, Lefkada Island, Greece.
2. Zolfagharian P., Arslan G., Yigit-Hunce S. and Soyer E. (2018) Removal of Dissolved Organics from Water: Effect of Calcium Carbonate Particles on Membrane Fouling, The 10th Eastern European Young Water Professionals Conference, IWA, Croatia , Zagreb
3. Arslan G., Soyer E. (2017) Ammonium Ion Removal In Segregated Fluidized Beds: Effects of Flow Rate and Number of Segregated Layers, The 9th Eastern European Young Water Professionals Conference, IWA, Hungary, Budapest
4. Arslan G., Soyer E. (2015) Ion Exchange Assisted Membrane Filtration Using Clinoptilolite Powders, International Porous and Powder Materials Symposium and Exhibition, PPM 2015, İzmir, Çeşme.