

# Assoc. Prof. NİĞMET UZAL

## Personal Information

**Email:** nigmet.uzal@agu.edu.tr

**Web:** <https://avesis.agu.edu.tr/nigmet.uzal>

**Address:** Abdullah Gul Üniversitesi Sumer Kampusu Kayseri

## Education Information

Doctorate, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Çevre Mühendisliği, Turkey 2002 - 2007

Post Graduate, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Çevre Mühendisliği, Turkey 1999 - 2001

Under Graduate, Mersin Üniversitesi, Mühendislik Fakültesi, Çevre Mühendisliği, Turkey 1993 - 1997

## Foreign Languages

English, C1 Advanced

## Dissertations

Doctorate, Recovery and Reuse of Indigo Dyeing Wastewater Using Membrane Technology, Orta Doğu Teknik Üniversitesi, Çevre Müh., Çevre Üh., 2007

Post Graduate, Sequential Biological (Anaerobic/Aerobic) Treatment of Malt Whisky Wastewater, Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enst., Çevre Mühendisliği, 2001

## Research Areas

Environmental Engineering, Environmental Technology, Waste Water Collection and Treatment, Pollution Prevention and Waste Reduction, Water Pollution and Control, Water Supply and Treatment, Chemical Engineering and Technology, Chemical Technologies, Membrane Technology, Engineering and Technology

## Academic Titles / Tasks

Associate Professor, Abdullah Gül Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2016 - Continues

Assistant Professor, Abdullah Gül Üniversitesi, Mühendislik Fakültesi, İnşaat Muh, 2014 - 2016

Assistant Professor, Abdullah Gül Üniversitesi, Mühendislik Fakültesi, Çevre Mühendisliği, 2013 - 2014

Assistant Professor, Niğde Üniversitesi, Mühendislik Fakültesi, Çevre Mühendisliği, 2009 - 2013

Research Assistant PhD, Kocaeli Üniversitesi, Mühendislik Fakültesi, Çevre Mühendisliği, 2008 - 2009

Research Assistant, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Çevre Mühendisliği, 1999 - 2008

## Professional Experience

Vice Dean, Abdullah Gül Üniversitesi, Mühendislik Fakültesi, 2015 - 2015

Head of Department, Niğde Üniversitesi, Çevre Mühendisliği, Çevre Teknolojisi, 2009 - 2013

Erasmus Coordinator, Niğde Üniversitesi, Mühendislik Fakültesi, Çevre Mühendisliği, 2009 - 2012

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

- **Life cycle assessment of lightweight concrete containing recycled plastics and fly ash**  
ERŞAN Y. Ç. , GÜLÇİMEN S., İmis T. N. , Saygin O., UZAL N.  
European Journal of Environmental and Civil Engineering, 2020 (Journal Indexed in SCI Expanded)
- **Preparation and characterization of PSF/PEI/CaCO<sub>3</sub> nanocomposite membranes for oil/water separation**  
Saki S., UZAL N.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.25, pp.25315-25326, 2018 (Journal Indexed in SCI)
- **Removal of heavy metals from aluminum anodic oxidation wastewaters by membrane filtration**  
ATEŞ N., UZAL N.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.25, pp.22259-22272, 2018 (Journal Indexed in SCI)
- **Enhanced hydrophilicity and mechanical robustness of polysulfone nanofiber membranes by addition of polyethyleneimine and Al<sub>2</sub>O<sub>3</sub> nanoparticles**  
UZAL N., ATEŞ N., Saki S., Bulbul Y. E. , Chen Y.  
SEPARATION AND PURIFICATION TECHNOLOGY, vol.187, pp.118-126, 2017 (Journal Indexed in SCI)
- **The size and concentration effects of Al<sub>2</sub>O<sub>3</sub> nanoparticles on psf membranes with enhanced structural stability and filtration performance**  
SAKI S., UZAL N., ATEŞ N.  
Desalination and Water Treatment, vol.84, pp.215-224, 2017 (Journal Indexed in SCI)
- **Developing a Decision-Support System for Waste Management in Aluminum Production**  
ÖZMEN M., Aydogan E. K. , ATEŞ N., UZAL N.  
ENVIRONMENTAL MODELING & ASSESSMENT, vol.21, pp.803-817, 2016 (Journal Indexed in SCI)
- **Ozonation pre and post-treatment of denim textile mill effluents: Effect of cleaner production measures**  
Morali E. K. , Uzal N., YETİŞ Ü.  
JOURNAL OF CLEANER PRODUCTION, vol.137, pp.1-9, 2016 (Journal Indexed in SCI)
- **Arsenic removal from aqueous solutions by ultrafiltration assisted with polyacrylamide: an application of response surface methodology**  
VAROL B., UZAL N.  
DESALINATION AND WATER TREATMENT, vol.56, pp.736-743, 2015 (Journal Indexed in SCI)
- **Potential ion exchange membranes and system performance in reverse electro dialysis for power generation: A review**  
HONG J. G. , ZHANG B., GLABMAN S., Uzal N., DOU X., ZHANG H., WEI X., CHEN Y.  
JOURNAL OF MEMBRANE SCIENCE, vol.486, pp.71-88, 2015 (Journal Indexed in SCI)
- **Recovery of caustic from mercerizing wastewaters of a denim textile mill**  
Varol C., UZAL N., DİLEK F. B. , KİTİŞ M., YETİŞ Ü.  
DESALINATION AND WATER TREATMENT, vol.53, pp.3418-3426, 2015 (Journal Indexed in SCI)
- **Optimization of CO<sub>2</sub>+ ions removal from water solutions via polymer enhanced ultrafiltration with application of PVA and sulfonated PVA as complexing agents**  
Uzal N., JAWORSKA A., MISKIEWICZ A., ZAKRZEWSKA-TRZNADEL G., COJOCARU C.  
JOURNAL OF COLLOID AND INTERFACE SCIENCE, vol.362, pp.615-624, 2011 (Journal Indexed in SCI)
- **Micro filtration: a pretreatment alternative for indigo dyeing textile wastewater**  
Uzal N., YILMAZ L., YETİŞ Ü.  
DESALINATION, vol.199, pp.515-517, 2006 (Journal Indexed in SCI)
- **Sequential (anaerobic/aerobic) biological treatment of malt whisky wastewater**  
Uzal N., GOKCAY C., DEMIRER G.  
PROCESS BIOCHEMISTRY, vol.39, pp.279-286, 2003 (Journal Indexed in SCI)

## Articles Published in Other Journals

- **PSF/SiO<sub>2</sub> NANOKOMPOZİT MEMBRAN ÜRETİMİ VE ELMA SUYU BERRAKLAŞTIRMA PROSESİNDE KULLANIMI**  
Severcan S. Ş. , Uzal N., Kahraman K.  
GIDA / THE JOURNAL OF FOOD, vol.44, pp.618-628, 2019 (Other Refereed National Journals)

## Refereed Congress / Symposium Publications in Proceedings

- **Preparation and characterization of PSF/PEI/nanoclay nanocomposite ultrafiltration membranes for fruit juice clarification**

ertem b., saki s., KAHRAMAN K., UZAL N.

3rd International Congress on Environmental Researches and Technology, 8 - 12 November 2017

## Supported Projects

UZAL N., KAHRAMAN K., BÜLBÜL E., Severcan S. S. , Saki S., Project Supported by Higher Education Institutions, Yeni Nesil Nanokompozit Membran Üretimi Karakterizasyonu ve Meyve Suyu Endüstrisinde Kullanımı, 2017 - 2019

UZAL N., Saki S., Project Supported by Higher Education Institutions, İleri osmoz proses uygulamaları için ince film nanokompozit membran üretimi ve modifikasyonu, 2016 - 2017

## Citations

Total Citations (WOS):226

h-index (WOS):7