

Personal Information

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International Researcher IDs

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Biography

Zeynep Yücesoy Özkan is a research assistant at Marmara University Environmental Engineering Department in Istanbul, Turkey. She received her Bachelor's degree in Environmental Engineering from Akdeniz University in 2008. She completed her M.S. degree in Environmental Engineering from Harran University in 2011. She is still a PhD student at Marmara University, Environmental Engineering Department. Her current research interests include anaerobic treatment, biological treatment, nanotechnology, MBR.

Education Information

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Environmental Engineering (Eng), Turkey 2013 - Continues

Postgraduate, Harran University, Institute Of Science, Çevre Mühendisliği (YI) (Tezli), Turkey 2009 - 2011

Undergraduate, Akdeniz University, Faculty Of Engineering, Department Of Environmental Engineering, Turkey 2003 - 2008

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, Anaerobik perdeli reaktörde (APR) Zn ve Cu içeren asidik maden sızıntı sularının sülfat indirgeyen bakteriler ile arıtımı ve metal geri kazanımı, Harran University, Institute Of Science, Çevre Mühendisliği (YI) (Tezli), 2011

Research Areas

Environmental Engineering, Environmental Sciences, Environmental Technology, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Marmara University, Faculty of Engineering, Environmental Engineering, 2018 - Continues
Research Assistant, Bitlis Eren University, Faculty Of Engineering-Architecture, Department Of Environmental Engineering, 2018 - 2018
Research Assistant, Marmara University, Faculty of Engineering, Environmental Engineering, 2013 - 2018
Research Assistant, Bitlis Eren University, Faculty Of Engineering-Architecture, Department Of Environmental Engineering, 2011 - 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Rapid decolorization of textile wastewater by green synthesized iron nanoparticles**
Ozkan Z., Cakirgoz M., Kaymak E. S., Erdim E.
WATER SCIENCE AND TECHNOLOGY, vol.77, no.2, pp.511-517, 2018 (SCI-Expanded)
- II. **Biotreatment of acidic zinc- and copper-containing wastewater using ethanol-fed sulfidogenic anaerobic baffled reactor**
Sahinkaya E., Yucesoy Z.
BIOPROCESS AND BIOSYSTEMS ENGINEERING, vol.33, no.8, pp.989-997, 2010 (SCI-Expanded)
- III. **Separate recovery of copper and zinc from acid mine drainage using biogenic sulfide**
Sahinkaya E., Gungor M., Bayrakdar A., Yucesoy Z., Uyanik S.
JOURNAL OF HAZARDOUS MATERIALS, vol.171, pp.901-906, 2009 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Engineered Iron Nanoparticles via Green Routes and Their Applications for Textile Wastewater Treatment**
YÜCESOY ÖZKAN Z., Sağırkaya F., Terzi M., M Mohib R., ERDİM E.
3rd Ewas International Conference, Lefkada Island, Greece, 27 - 30 June 2018, vol.2, pp.658
- II. **Removal of Nonylphenol and Octylphenol from Aqueous Solutions by a Novel Nano-Composite (ZVI/Fullerene)**
Haciosmanoğlu G. G., Yücesoy Özkan Z., Can Z. S., Genç S., Erdim E., Soyer E., Pehlivanoğlu Mantaş E.
3rd Ewas International Conference, Levkas, Greece, 27 - 30 June 2018, vol.2, pp.654
- III. **Recovery and valorisation of phenolic compounds from Table Olive Processing Wastewater (TOPW) through adsorption**
ERDİM E., YÜCESOY ÖZKAN Z.
10th Eastern European IWA YWP Conference, 7 - 12 May 2018
- IV. **Rapid Decolorization of Textile Wastewater by Green Synthesized Iron Nanoparticles.**
YÜCESOY ÖZKAN Z., Çakırgöz M., Kaymak E. S., ERDİM E.
9th IWA YWP, Budapest, Hungary, 24 - 27 May 2017
- V. **BİTLİS İLİ KATI ATIK YÖNETİMİNİN DEĞERLENDİRİLMESİ**
DEMİR YETİŞ A., GAZİGİL L., Şapçı Z., CAN O. T., DURMAZ BEKMEZCİ H., YÜCESOY ÖZKAN Z.
UKAY 5. Ulusal Katı Atık Yönetimi Kongresi, Kocaeli, Turkey, 29 May - 01 June 2017
- VI. **Removal of Industrial Xenoestrogens by Using Zero Valent Iron Nanoparticles, Nevşehir, TURKIYE**
Haciosmanoğlu G. G., Yücesoy Özkan Z., Soyer E., Genç S., Can Z. S., Erdim E.
2nd International Conference on Civil and Environmental Engineering (ICOCEE Cappadocia-2017), Nevşehir, Turkey, 8 - 10 May 2017
- VII. **Biosynthesized Iron Nanoparticle Mediated Degradation of Industrial Wastewater,.**
YÜCESOY ÖZKAN Z., Terzi M., Sağırkaya F., ERDİM E.
2nd International Conference on Civil and Environmental Engineering (ICOCEE Cappadocia-2017), Nevşehir, Turkey, 8 - 10 May 2017
- VIII. **Enhancement of Anaerobic Ammonium Oxidation (Anammox) Process: The use of one-pot**

synthesized nanoscale zero-valent iron (nZVI).

ERDİM E., YÜCESOY ÖZKAN Z., Kurt H., Dilsizoğlu N., Çetin S., Şanlı F., KOCAMEMİ B.

WEFTEC 2017, Chicago, United States Of America, 30 September - 04 November 2017

Supported Projects

Can Z. S., Erdim E., Yücesoy Özkan Z., Pehlivanoğlu Mantaş E., Soyer E., Genç S., TUBITAK Project, Removal of nonylphenol and octylphenol by zero valent iron nanoparticles (nZVI) and nZVI/fullerene nanocomposite, 2014 - 2016
Şahinkaya E., TUBITAK Project, Asidik Maden Sızıntı Sularının (AMS) Sülfat İndirgeyen Bakteriler ile Arıtımı ve Metal Geri Kazanımı, 2008 - 2010

Metrics

Publication: 11

Citation (WoS): 112

Citation (Scopus): 132

H-Index (WoS): 3

H-Index (Scopus): 2

Congress and Symposium Activities

3rd EWaS International Conference on “Insights on the Water-Energy-Food Nexus, Working Group, Levkas, Greece, 2018

3rd EWaS International Conference on “Insights on the Water-Energy-Food Nexus, Working Group, Levkas, Greece, 2018

10th IWA YWP, Working Group, Zagreb, Croatia, 2018

WEFTEC 2017, Working Group, Illinois, United States Of America, 2017

9th IWA YWP, Working Group, Budapest, Hungary, 2017

2nd International Conference on Civil and Environmental Engineering , Working Group, Nevşehir, Turkey, 2017

National Environmental Engineering Congress, Working Group, Samsun, Turkey, 2011

İTÜ, 12. Endüstriyel Kirlenme Kontrolü Sempozyumu, Working Group, İstanbul, Turkey, 2010

AMIREG Towards sustainable development: Assessing the footprint of resource utilization and hazardous waste management, Working Group, Athens, Greece, 2009

3. Çevre ve Madencilik Sempozyumu, Ankara, Working Group, Ankara, Turkey, 2009

Non Academic Experience

Güneydoğu Çevre Referans Merkezi

Benzin İstasyonları