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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAZ-6049-2020

ScopusID: 57213148474

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Education Information

Doctorate, Yildiz Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, Turkey

2019 - Continues

Postgraduate, Yildiz Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, Turkey

2015 - 2019

Undergraduate, Yildiz Technical University, Faculty Of Civil Engineering, Çevre Mühendisliği, Turkey 2011 - 2015

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Environmental Engineering, Environmental Technology, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, 2017 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Norfloxacin removal by ultraviolet-activated sodium percarbonate and sodium hypochlorite: process optimization and anion effect**

Yazıcı Guvenc S., Turk O. K., Can-Güven E., Garazade N., Varank G.

Water Science and Technology, vol.87, no.11, pp.2872-2889, 2023 (SCI-Expanded)

- II. **Photodegradation of oxytetracycline by UV-assisted persulfate and percarbonate processes: kinetics, influencing factors, anion effect, and radical species**

TÜRK O. K., Adalar G., YAZICI GÜVENÇ S., CAN GÜVEN E., VARANK G., DEMİR A.

- ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.30, pp.869-883, 2023 (SCI-Expanded)
- III. Effective treatment of textile industry wastewater by combined ultraviolet assisted and Fe²⁺ catalyzed percarbonate oxidation**
 Unal Yilmaz E., Gundogdu H., Bilgin O. N., Yokus S., TÜRK O. K., YAZICI GÜVENÇ S., CAN GÜVEN E., VARANK G.
Journal of Dispersion Science and Technology, 2023 (SCI-Expanded)
- IV. Application of the hybrid electrocoagulation-electrooxidation process for the degradation of contaminants in acidified biodiesel wastewater**
 YAZICI GÜVENÇ S., VARANK G., CAN GÜVEN E., Ercan H., Yaman D., Saricam E., TÜRK O. K.
Journal of Electroanalytical Chemistry, vol.926, 2022 (SCI-Expanded)
- V. Oxidative removal of oxytetracycline by UV-C/hydrogen peroxide and UV-C/peroxymonosulfate: Process optimization, kinetics, influence of co-existing ions, and quenching experiments**
 VARANK G., CAN GÜVEN E., YAZICI GÜVENÇ S., Garazade N., TÜRK O. K., DEMİR A., ÇAKMAKCI M.
Journal of Water Process Engineering, vol.50, 2022 (SCI-Expanded)
- VI. Chemical precipitation and membrane distillation process for the treatment of acidic anodic oxidation wastewaters**
 Tuerk O. K., Zoungrana A., cakmakci M.
JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, vol.10, no.4, 2022 (SCI-Expanded)
- VII. Reverse electrodialysis salinity gradient power potential of treated municipal wastewaters used as diluted solution**
 Zoungrana A., Aksel C., TÜRK O. K., ÇAKMAKCI M.
INTERNATIONAL JOURNAL OF GLOBAL WARMING, vol.23, no.4, pp.463-481, 2021 (SCI-Expanded)
- VIII. Energy coverage of ataköy-ambarlı municipal wastewater treatment plants by salinity gradient power**
 Zoungrana A., Türk O. K., Çakmakci M.
JOURNAL OF WATER PROCESS ENGINEERING, vol.38, pp.1-10, 2020 (SCI-Expanded)
- IX. Ammoniacal nitrogen reclamation by membrane distillation from high ammonia polluted solutions**
 Zoungrana A., Zengin I. H., TÜRK O. K., ÇAKMAKCI M.
CHEMICAL PAPERS, vol.74, no.6, pp.1903-1915, 2020 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. Investigating the Effect of Colloidal Foulants on SDI and MFI Tests**
 Gösterişlioğlu D. G., Türk O. K., Çakmakci M.
 2nd International Congress of Engineering and Natural Sciences Studies (ICENSS-2022), Ankara, Turkey, 7 - 09 May 2022, pp.133-140
- II. Sulfate Removal by Membrane Distillation of Anodizing Coating Waste Water of Aluminum Industry**
 Türk O. K., Çakmakci M.
 1. Uluslararası İçmesuyu ve Atıksu Sempozyumu, Afyon, Turkey, 6 - 07 December 2018, pp.293-300
- III. Ammonium Recovery Performance of Membrane Distillation from Synthetic Solution**
 Zoungrana A., Zengin İ. H., TÜRK O. K., ÇAKMAKCI M.
EurAsia Waste Management Symposium 2018, İstanbul, Turkey, 02 May 2018, pp.1-6
- IV. Reduction of Membrane Distillation concentrate Volume by Evaporation**
 Zengin İ. H., Zoungrana A., TÜRK O. K., ÇAKMAKCI M.
 MEMTEK 2017 5.Uluslararası Membran Teknolojileri ve Uygulamaları Sempozyumu, İstanbul, Turkey, 21 September 2017, pp.1
- V. Evaluation of the Importance of pretreatment in Membrane Distillation Performance during Landfill Leachate Treatment**
 Zoungrana A., Zengin İ. H., TÜRK O. K., ÇAKMAKCI M.
 MEMTEK 2017 5.Uluslararası Membran Teknolojileri ve Uygulamaları Sempozyumu, İstanbul, Turkey, 21 September 2017, pp.1

Metrics

Publication: 16

Citation (WoS): 31

Citation (Scopus): 31

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H-Index (Scopus): 4