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Personal Information

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International Researcher IDs

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

ScopusID: 57213148474

Yoksis Researcher ID: 265216

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. **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)
- 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. **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)
- 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., Sarıcam E., TÜRK O. K.
Journal of Electroanalytical Chemistry, vol.926, 2022 (SCI-Expanded)
- V. **Reverse electrodialysis salinity gradient power potential of treated municipal wastewaters used as diluted solution**
Zoungurana A., Aksel C., TÜRK O. K., ÇAKMAKCI M.
INTERNATIONAL JOURNAL OF GLOBAL WARMING, vol.23, no.4, pp.463-481, 2021 (SCI-Expanded)
- VI. **Energy coverage of ataköy-ambarlı municipal wastewater treatment plants by salinity gradient power**
Zoungurana A., Türk O. K., Çakmakçı M.
JOURNAL OF WATER PROCESS ENGINEERING, vol.38, pp.1-10, 2020 (SCI-Expanded)
- VII. **Ammoniacal nitrogen reclamation by membrane distillation from high ammonia polluted solutions**
Zoungurana 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., Çakmakçı 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., Çakmakçı 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**
Zoungurana 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., Zoungurana A., TÜRK O. K., ÇAKMAKCI M.
MEMTEK 2017 5.Ulusal 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**
Zoungurana A., Zengin İ. H., TÜRK O. K., ÇAKMAKCI M.
MEMTEK 2017 5.Ulusal Membran Teknolojileri ve Uygulamaları Sempozyumu, İstanbul, Turkey, 21 September 2017, pp.1

Metrics

Publication: 12

Citation (WoS): 4

Citation (Scopus): 14

H-Index (WoS): 1

H-Index (Scopus): 3