

## Res. Asst. B şra iekalan

### Personal Information

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### International Researcher IDs

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### Education Information

Undergraduate, Istanbul Technical University, İnaaat Fak ltesi, evre M hendislięi B l m , Turkey 2010 - 2015

### Research Areas

Environmental Engineering, Environmental Sciences, Engineering and Technology

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Impact of primary sedimentation on granulation and treatment performance of municipal wastewater by aerobic granular sludge process**  
Kosar S., Iřık O., iekalan B., G lhan H., Kurt E. S., Atli E., Basa S.,  zg n Erřahin H., Koyuncu İ., van Loosdrecht M. C. M., et al.  
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.315, 2022 (SCI-Expanded)
- II. **Primary and A-sludge treatment by anaerobic membrane bioreactors in view of energy-positive wastewater treatment plants**  
Mustafa Abdelrahman A., Furkan Aras M. F., iekalan B., Fakioglu M., Cingoz S., Basa S., G ven H., Ozgun H.,  zt rk İ., Koyuncu İ., et al.  
Bioresource Technology, vol.351, 2022 (SCI-Expanded)
- III. **Comparative evaluation of cost for preliminary and tertiary municipal wastewater treatment plants in Istanbul**  
 zg n Erřahin H., Cicekalan B., Akdag Y., Koyuncu İ., Ozturk I.  
SCIENCE OF THE TOTAL ENVIRONMENT, vol.778, 2021 (SCI-Expanded)
- IV. **Location selection for WEEE recycling plant by using Pythagorean fuzzy AHP**  
Kaya A., iekalan B., Cebic F.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.38, no.1, pp.1097-1106, 2020 (SCI-Expanded)

### Supported Projects

Erřahin M. E.,  zg n Erřahin H., G ven H., G lhan H., Abdelrahman A. M., Iřık O., Fakioglu Kutlu M., iekalan B., Project Supported by Other Official Institutions, Enerji Verimli Atıksu Arıtımı İin Y ksek Y klemeli Aktif amur Prosesi ve Anaerobik Membran Biyoreakt r Entegrasyonu (Maksimum Enerji Geri Kazanımı), 2019 - 2022

Erřahin M. E.,  zg n Erřahin H., Iřık O., G lhan H., iekalan B., Kořar Ő., Project Supported by Other Official Institutions, İSKİ Baltalimanı Atıksu Arıtma Tesisi Atıksuyunun D ř k Maliyetli ve Az Yer Kaplayan Aerobik Gran ler Aktif amur

## **Metrics**

Publication: 20

Citation (WoS): 16

Citation (Scopus): 65

H-Index (WoS): 2

H-Index (Scopus): 5