

## Expert Sevde Korkut

### Personal Information

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### International Researcher IDs

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### Education Information

Postgraduate, Istanbul Technical University, İnşaat, Çevre Mühendisliği, Turkey 2016 - 2018

Undergraduate Double Major, İstanbul University-Cerrahpaşa, Faculty Of Engineering, Department Of Chemical Engineering, Turkey 2013 - 2017

Undergraduate, İstanbul University-Cerrahpaşa, Faculty Of Engineering, Department Of Environmental Engineering, Turkey 2011 - 2015

### Research Areas

Environmental Engineering, Polymer Technology, Environmental Chemistry and Technology, Membrane Technology

### Academic Titles / Tasks

Lecturer, Istanbul Technical University, İnşaat, Çevre Mühendisliği, 2021 - Continues

Research Assistant, Istanbul Technical University, Fen Bilimleri Enstitüsü, Çevre Mühendisliği, 2017 - 2021

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

- I. **Evaluation of Pilot Scale Domestic Wastewater Reuse System in Terms of Irrigation and Industrial Process Waters in Turkey**  
Kaya R., Türken T., Paşaoğlu M. E., Yüksekdağ A., Korkut S., Koyuncu İ.  
Urban Water Journal, vol.20, no.10, pp.1418-1428, 2023 (SCI-Expanded)
- II. **Effects of Ozone Dose and Contact Time on Ozonation Process Performance for Treatment of High Rate Activated Sludge Process Effluent**  
Toroz E. R., Akdağ Y., Fakioglu M., Korkut S., Sagir Kurt E., Atli E., Güven H., Ozgun H., Öztürk İ., Erşahin M. E.  
Ozone: Science and Engineering, vol.45, no.5, pp.431-445, 2023 (SCI-Expanded)
- III. **Dewatering of Mine Waste Using Geotextile Tubes**  
Karadoğan Ü., Çevikbilen G., Korkut S., Teymür B.  
MINING METALLURGY & EXPLORATION, vol.39, no.6, pp.2477-2490, 2022 (SCI-Expanded)
- IV. **Combining S-DADPS monomer and halloysite nanotube for fabrication superior nanofiltration membrane**

ORMANCI ACAR T., Korkut S., Keskin B., Ağtaş M., Tas C. E., Mutlu Salmanlı Ö., Türken T., MENCELOĞLU Y. Z., ÜNAL S., Koyuncu İ.

POLYMER, vol.255, 2022 (SCI-Expanded)

**V. Polysaccharides in fabrication of membranes: A review**

Vatanpour V., Yavuztürk Gül B., Zeytuncu B., Korkut S., İlyasoğlu G., Türken T., Badawi M., Koyuncu İ., Saeb M. R. CARBOHYDRATE POLYMERS, vol.281, 2022 (SCI-Expanded)

**VI. Dewatering of Golden Horn sludge with geotextile tube and determination of optimum operating conditions: A novel approach**

Karadoğan Ü., Çevikbilen G., Korkut S., Paşaoğlu M. E., Teymür B.

MARINE GEORESOURCES & GEOTECHNOLOGY, vol.40, no.7, pp.782-794, 2022 (SCI-Expanded)

**VII. Fabrication of halloysite nanotubes embedded thin film nanocomposite membranes for dye removal**

ORMANCI ACAR T., Keskin B., Korkut S., Mutlu Salmanlı Ö., Türken T., Koseoglu-Imer D. Y., Demir T. U., MENCELOĞLU Y. Z., ÜNAL S., Koyuncu İ.

JOURNAL OF APPLIED POLYMER SCIENCE, vol.138, no.38, 2021 (SCI-Expanded)

**VIII. Performance evaluation of boron removal from wastewater containing high boron content according to operating parameters by air gap membrane distillation**

Eryıldız B., Yüksekdağ A., Korkut S., Koyuncu İ.

ENVIRONMENTAL TECHNOLOGY & INNOVATION, vol.22, 2021 (SCI-Expanded)

**IX. Evaluation of beneficial of polyacrylamide use dewatering of dredged sludge obtained from golden horn**

Karadoğan Ü., Korkut S., Çevikbilen G., Teymür B., Koyuncu İ.

MARINE GEORESOURCES & GEOTECHNOLOGY, vol.39, no.8, pp.919-928, 2021 (SCI-Expanded)

**X. Effect of operating parameters on removal of boron from wastewater containing high boron concentration by vacuum assisted air gap membrane distillation**

Eryıldız B., Yüksekdağ A., Korkut S., Zeytuncu B., Paşaoğlu M. E., Koyuncu İ.

Journal of Water Process Engineering, vol.38, 2020 (SCI-Expanded)

## **Refereed Congress / Symposium Publications in Proceedings**

**I. Pilot Scale Feasibility of a Domestic Wastewater Reuse System Consisting Ultrafiltration and Reverse Osmosis**

KAYA R., TÜRKEN T., PAŞAOĞLU M. E., Korkut S., YÜKSEKDAĞ A., KOYUNCU İ.

6th MEMTEK International Symposium on Membrane Technologies and Applications, 18 - 20 November 2019

**II. Boron removal from water sources by using membrane technologies**

ZEYTUNCU B., KOYUNCU İ., YÜKSEKDAĞ A., TÜRKEN T., PAŞAOĞLU M. E., Kaya R., korkut S.

MEMTEK2019 6th MEMTEK International Symposium on Membrane Technologies and Applications, 18 - 20 November 2019

**III. Treatment and Recovery of Textile Wastewater by Using Pilot Scale Ceramic UF/NF Membrane System**

AĞTAŞ M., yılmaz ö., TÜRKEN T., korkut S., keskin B., AlMutwalli s., ALP K., KOYUNCU İ.

9th International Water Association (IWA) Membrane Technology Conference, 23 - 27 June 2019

**IV. Boron Removal from High Boron Containing Water Sources by Membrane Technologies**

ZEYTUNCU B., Güçlü s., eryıldız B., YÜKSEKDAĞ A., Korkut S., TÜRKEN T., PAŞAOĞLU M. E., Kaya R., Kazak A., Ceylan M., et al.

Uluslararası Bor Sempozyumu (BORON2019), 17 - 19 April 2019

**V. Water Management Ethics and Islamic Framework**

Korkut S., Korkut F., KOYUNCU İ.

4th INTERNATIONAL SYMPOSIUM ON ENVIRONMENT AND MORALS, 27 - 29 June 2018

## **Metrics**

Publication: 23

Citation (WoS): 32

Citation (Scopus): 99

H-Index (WoS): 3

H-Index (Scopus): 4