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Education Information

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Turkey 1989 - 1991

Foreign Languages

English

Dissertations

Doctorate, Deri endüstrisi atıksularının biyolojik arıtılabilirliği ve kinetik karakterizasyonu, Istanbul Technical University, Fen Bilimleri Enstitüsü, 1997
Postgraduate, Endüstriyel Atıksuların Biyolojik Arıtılabilirliğinin Matematik Benzeşimi, Istanbul Technical University, Fen Bilimleri Enstitüsü, 1991

Research Areas

Environmental Sciences, Environmental Technology

Academic Titles / Tasks

Assistant Professor, Istanbul Technical University, İnşaat Fakültesi, Çevre Mühendisliği Bölümü, 2009 - Continues
Research Assistant, Istanbul Technical University, İnşaat Fakültesi, Çevre Mühendisliği Bölümü, 1991 - 2009

Courses

Su Arıtma Tesis Tasarımı, Undergraduate, 2021 - 2022
Çevre Müh. Tasarımı II, Undergraduate, 2021 - 2022
Halk ve İşyeri Sağlığı, Undergraduate, 2021 - 2022

Çevre Ekolojisi, Undergraduate, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Fabrication and characterization of polysulfone reinforced hollow fibre membrane**
Ateş Genceli N. E.
Environmental Technology, vol.0, no.0, 2020 (SCI-Expanded)

II. **Nanocomposite hollow fiber nanofiltration membranes: Fabrication, characterization, and pilot-scale evaluation for surface water treatment**
Ürper Bayram G. M., Sayinli B., Şengür Taşdemir R., Türken T., Pekgenç E., Güneş O., Ates-Genceli E., Tarabara V. V., Koyuncu İ.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.136, no.45, 2019 (SCI-Expanded)

III. **Progress on reinforced braided hollow fiber membranes in separation technologies: A review**
Turken T., Sengur-Tasdemir R., Ates-Genceli E., Tarabara V. V., Koyuncu İ.
JOURNAL OF WATER PROCESS ENGINEERING, vol.32, 2019 (SCI-Expanded)

IV. **Reinforced thin-film composite nanofiltration membranes: Fabrication, characterization, and performance testing**
Türken T., Sengur-Tasdemir R., Sayinli B., Ürper Bayram G. M., Ates-Genceli E., Tarabara V. V., Koyuncu İ.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.136, no.39, 2019 (SCI-Expanded)

V. **Effect of disinfection processes and anthropogenic pollutants on comparative formation of trihalomethanes and N-nitrosodimethylamine**
Orak N. H., Ozsenturk T., Topuz E., Aydin E., Gurel M., Genceli E. A., Pehlivanoglu-Mantas E.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.16, no.8, pp.4083-4090, 2019 (SCI-Expanded)

VI. **Characterization of aquaporin Z-incorporated proteoliposomes with QCM-D**
Sengur-Tasdemır R., Kılıç A., Tutuncu H. E., Ergon-Can T., Gul-Karaguler N., Ates-Gencelı E., Kök F. N., Koyuncu İ.
SURFACE INNOVATIONS, vol.7, no.2, pp.133-142, 2019 (SCI-Expanded)

VII. **Effects of carboxylated multi-walled carbon nanotubes having different outer diameters on hollow fiber ultrafiltration membrane fabrication and characterization by electrochemical impedance spectroscopy**
Genceli E. A., Sengur-Tasdemir R., Urper G. M., Gumrukcu S., Guler-Gokce Z., Dagli U., Turken T., Sarac A. S., Koyuncu İ.
POLYMER BULLETIN, vol.75, no.6, pp.2431-2457, 2018 (SCI-Expanded)

VIII. **Hollow fiber nanofiltration membranes with integrated aquaporin Z**
Şengür Taşdemir R., Sayinli B., Ürper Bayram G. M., Tütüncü H. E., Gül Karagüler N., Ates-Genceli E., Tarabara V. V., Koyuncu İ.
New Journal of Chemistry, vol.42, no.21, pp.17769-17778, 2018 (SCI-Expanded)

IX. **Hollow fiber nanofiltration membranes: A comparative review of interfacial polymerization and phase inversion fabrication methods**
Urper G. M., SENGUR-TASDEMIR R., Turken T., GENCELI E. A., Tarabara V. V., Koyuncu İ.
SEPARATION SCIENCE AND TECHNOLOGY, vol.52, no.13, pp.2120-2136, 2017 (SCI-Expanded)

X. **Combined effects of hollow fiber fabrication conditions and casting mixture composition on the properties of polysulfone ultrafiltration membranes**
Sengur-Tasdemir R., URPER G. M., TURKEN T., GENCELI E. A., Tarabara V. V., Koyuncu İ.
SEPARATION SCIENCE AND TECHNOLOGY, vol.51, no.12, pp.2070-2079, 2016 (SCI-Expanded)

XI. **Biomimetic Approaches for Membrane Technologies**
SENGUR-TASDEMIR R., AYDIN S., Turken T., GENCELI E. A., Koyuncu İ.
SEPARATION AND PURIFICATION REVIEWS, vol.45, no.2, pp.122-140, 2016 (SCI-Expanded)

XII. **Determining distribution of heavy metal pollution in terms of ecological risk levels in soil of industrially intensive areas around Istanbul**

Hacıyakupoğlu S., Esen A. N., Erentürk S., OKKA M., GENCELI M., MERCIMEK M., GENCELI E., YUŞAN S., Filiz F. G., Olgen K., et al.
Toxicological and Environmental Chemistry, vol.97, no.1, pp.62-75, 2015 (SCI-Expanded)

XIII. **Occurrence of THM and NDMA precursors in a watershed: Effect of seasons and anthropogenic pollution**
Aydin E., YAMAN F. B., GENCELI E. A., TOPUZ E., ERDIM E., Gürel M., IPEK M., PEHLIVANOGLU-MANTAS E.
JOURNAL OF HAZARDOUS MATERIALS, vol.221, pp.86-91, 2012 (SCI-Expanded)

XIV. **Disinfection by-products precursors removal by enhanced coagulation and PAC adsorption**
Uyak V., YAVUZ S., Toroz I., OZAYDIN S., GENCELI E. A.
DESALINATION, vol.216, pp.334-344, 2007 (SCI-Expanded)

XV. **Characterization and pollution profile of leather tanning industry in Turkey**
Ateş Genceli N. E.
Water Science And Technology, vol.32, no.12, pp.1-9, 1995 (SCI-Expanded)

Articles Published in Other Journals

I. **Nanoparçacık Katkılı İnce Boşluklu Fiber Ultrafiltrasyon Membranların Üretimi ve Performans Açısından Değerlendirilmesi**
GENCELİ N. E., ŞENGÜR TAŞDEMİR R., ÜRPER G. M., TÜRKEN T., KOYUNCU İ.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.18, pp.208-211, 2018 (Peer-Reviewed Journal)

Supported Projects

Pekkan K., Dülekgürgen E., Ateş Genceli N. E., Köse Mutlu B., Zeytuncu Gökoğlu B., TUBITAK Project, Determination of factors influencing the design and performance of smart prototype blood oxygenator implantable to venous return", TUBITAK 1003 SBAG Project No: 118S108(109), 2019 - 2022
Ateş Genceli N. E., Project Supported by Higher Education Institutions, 9th International Membrane Science and Technology Conference (IMSTEC), 2016 - 2018

Metrics

Publication: 56
Citation (WoS): 663
Citation (Scopus): 716
H-Index (WoS): 14
H-Index (Scopus): 14

Non Academic Experience

Clemson University
Hamburg Teknik Üniversitesi