

Dr. Öğr. Üyesi Başak SAVUN

Kişisel Bilgiler

Cep Telefonu: [+90 536 342 1487](tel:+905363421487)

İş Telefonu: [+90 212 440 0000](tel:+902124400000) Dahili: 26050

E-posta: basak.savun@istanbul.edu.tr

Web: <https://avesis.istanbul.edu.tr/basak.savun>

Uluslararası Araştırmacı ID'leri

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Eğitim Bilgileri

Doktora, Boğaziçi Üniversitesi, Çevre Bilimleri Enstitüsü, Çevre Teknolojisi Anabilim Dalı, Türkiye 2011 - 2019

Yabancı Diller

İngilizce, C2 Ustalık

Araştırma Alanları

Çevre Mühendisliği, Çevre Bilimleri, Çevre Teknolojisi, Deniz Bilimleri ve Teknolojisi, Kıyı Bilimleri, Oşinografi

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. Material Design for Synergistic Advanced Oxidation Processes**
SAVUN B., KORKMAZ N., AKSU A., TAŞKIN Ö. S., ÇAĞLAR N., Nurmanov S., Turabov N., Turaev K., Ruzimuradov O.
Water, Air, and Soil Pollution, cilt.235, sa.7, 2024 (SCI-Expanded)
- II. Optimization of wastewater treatment systems for growing industrial parks**
SAVUN HEKİMOĞLU B., İşler Z., Hekimoğlu M., BURAK Z. S., Karlı D., Yücekaya A., Akpınar E., Ediger V. Ş.
Science of the Total Environment, cilt.905, 2023 (SCI-Expanded)
- III. Occurrence and environmental risk assessment of antifouling paint biocides in the Golden Horn Estuary, Sea of Marmara, Turkey**
KORKMAZ N., Kapudan T., TAŞKIN Ö. S., AKSU A., SAVUN HEKİMOĞLU B., Balkıs N. Ç.
Regional Studies in Marine Science, cilt.63, 2023 (SCI-Expanded)
- IV. Occurrence, sources and environmental risk assessment of pharmaceuticals in the Sea of Marmara, Turkey**
E. Korkmaz N., Savun-Hekimoğlu B., Aksu A., Burak Z. S., Çağlar N. B.
SCIENCE OF THE TOTAL ENVIRONMENT, cilt.819, 2022 (SCI-Expanded)
- V. Oxidative decomposition and mineralization of caffeine by advanced oxidation processes: The effect of hybridization**
Ziylan-Yavas A., Ince N. H., ÖZÖN E., Arslan E., AVİYENTE V., Savun-Hekimoglu B., ERDİNÇLER A.
ULTRASONICS SONOCHEMISTRY, cilt.76, 2021 (SCI-Expanded)
- VI. Evaluation of water supply alternatives for Istanbul using forecasting and multi-criteria decision**

making methods

Savun-Hekimoglu B., Erbay B., Hekimoglu M., Burak S.

JOURNAL OF CLEANER PRODUCTION, cilt.287, 2021 (SCI-Expanded)

VII. **Catalytic ozonation of caffeine with sepiolite: Effects of impregnation with zero-valent iron and ultrasound**

Savun-Hekimoglu B., Eren Z., Ince N. H.

ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY, cilt.40, sa.2, 2021 (SCI-Expanded)

VIII. **Photocatalytic Destruction of Caffeine on Sepiolite-Supported TiO₂ Nanocomposite**

Savun-Hekimoglu B., Eren Z., Ince N. H.

SUSTAINABILITY, sa.24, 2020 (SCI-Expanded)

IX. **Hydroxyl radical-mediated degradation of salicylic acid and methyl paraben: an experimental and computational approach to assess the reaction mechanisms**

Arslan E., Hekimoglu B., Cinar S. A., Ince N., Aviyente V.

ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, cilt.26, sa.32, ss.33125-33134, 2019 (SCI-Expanded)

X. **Optimization of methylparaben degradation by sonocatalysis**

Savun-Hekimoglu B., Ince N. H.

ULTRASONICS SONOCHEMISTRY, cilt.58, 2019 (SCI-Expanded)

XI. **Sonochemical and sonocatalytic destruction of methylparaben using raw, modified and SDS-intercalated particles of a natural clay mineral**

Savun-Hekimoglu B., Ince N. H.

ULTRASONICS SONOCHEMISTRY, cilt.54, ss.233-240, 2019 (SCI-Expanded)

XII. **Decomposition of PPCPs by ultrasound-assisted advanced Fenton reaction: A case study with salicylic acid (Reprinted from Ultrasonics Sonochemistry, vol 39, pg 243-249, 2017)**

Savun-Hekimoglu B., Ince N. H.

ULTRASONICS SONOCHEMISTRY, cilt.40, ss.46-52, 2018 (SCI-Expanded)

XIII. **Decomposition of PPCPs by ultrasound-assisted advanced Fenton reaction: A case study with salicylic acid**

Savun-Hekimoglu B., Ince N. H.

ULTRASONICS SONOCHEMISTRY, cilt.39, ss.243-249, 2017 (SCI-Expanded)

XIV. **Pretreatment of Sewage Sludge by Low-frequency Ultrasound**

Savun B., Neis U., Ince N. H., Yenigun O.

JOURNAL OF ADVANCED OXIDATION TECHNOLOGIES, cilt.15, sa.2, ss.374-379, 2012 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

I. **Multi-Criteria Decision-Making Analysis for the Selection of Desalination Technologies**

Hekimoğlu M., Savun Hekimoğlu B., Erbay B., Gazioğlu C.

International Journal of Environment and Geoinformatics, cilt.9, sa.4, ss.207-216, 2022 (Hakemli Dergi)

II. **Mucilage Problem in the Semi-Enclosed Seas: Recent Outbreak in the Sea of Marmara**

Savun Hekimoğlu B., Gazioğlu C.

International Journal of Environment and Geoinformatics, cilt.8, sa.4, ss.402-413, 2021 (Hakemli Dergi)

III. **A Comparative MCDM Analysis of Potential Short-Term Measures for Dealing with Mucilage Problem in the Sea of Marmara**

Savun Hekimoğlu B., Erbay B., Burak Z. S., Gazioğlu C.

International Journal of Environment and Geoinformatics, cilt.8, sa.4, ss.572-580, 2021 (Hakemli Dergi)

IV. **Comparison of Advanced Oxidation Processes (Sonication, Fenton Reaction and Ozone-Based Processes) for Water Decolorization**

Savun Hekimoğlu B.

International Journal of Environment and Geoinformatics, cilt.8, ss.166-171, 2021 (Hakemli Dergi)

V. **On the Use of Mathematical Models for Wastewater Treatment: A Review and Analysis of Activated**

Sludge Models ASM1 and ASM3

Savun Hekimođlu B.

International Journal of Environment and Geoinformatics, cilt.8, ss.1-18, 2021 (Hakemli Dergi)

Kitap & Kitap Bölümleri

I. PHARMACEUTICALS IN THE SEA OF MARMARA, TÜRKİYE

Çağlar N., Aksu A., Korkmaz N., Savun B.

ECOLOGICAL CHANGES IN THE SEA OF MARMARA, Melek İşinibir, Ahmet Kıdeyş, Alenka Malerj, Editör, İstanbul University Press, İstanbul, ss.297-339, 2024

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. MARMARA DENİZİ'NDE FARMASÖTİK BİLEŞİKLERİN VARLIKLARI, MEKÂNSAL DAĞILIMLARI VE RİSK DEĞERLENDİRMELERİ

Korkmaz N., Savun Hekimođlu B., Aksu A., Burak Z. S., Çağlar N.

III. ULUSAL DENİZLERDE İZLEME VE DEĞERLENDİRME SEMPOZYUMU, Antalya, Türkiye, 6 - 09 Aralık 2022, ss.81-82

II. Assesment of water quality of Lake Bafa in Turkey

Ülker D., Savun-Hekimođlu B., Burak Z. S.

IWA Digital World Water Congress, 24 Mayıs - 04 Haziran 2021, ss.1

III. Sonocatalytic Destruction of PPCP's in Water Using Costless Clay Minerals

İNCE H. N., SAVUN HEKİMOĐLU B.

16th Meeting of the European Society of Sonochemistry, Besançon, Fransa, 15 - 19 Nisan 2018

Metrikler

Yayın: 23

Atıf (WoS): 105

Atıf (Scopus): 116

H-İndeks (WoS): 7

H-İndeks (Scopus): 6