

Personal Information

Office Phone: [+90 346 487 0000](tel:+903464870000) Extension: 1296

Email: saslan@cumhuriyet.edu.tr

Web: <https://avesis.cumhuriyet.edu.tr/saslan>

International Researcher IDs

ORCID: 0000-0001-8735-8029

Yoksis Researcher ID: 52641

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A kinetic study on the nitrification process in the upflow submerged biofilter reactor**
Bulut A., ASLAN Ş.
ENVIRONMENTAL TECHNOLOGY, vol.43, no.27, pp.4354-4362, 2022 (SCI-Expanded)
- II. **Evaluation of Arsenic and Nutrients Uptake of Tomato Plant at Various Arsenic Concentrations of Irrigation Waters**
ASLAN Ş., ÖZTÜRK M., DEMİRBAŞ A.
Communications in Soil Science and Plant Analysis, vol.52, pp.2388-2400, 2021 (SCI-Expanded)
- III. **Comparison of Common Vetch Plant Growth, Arsenic and Nutrients Uptakes in the Clean and Arsenic-Contaminated Soils**
ASLAN Ş., ÖZTÜRK M., DEMİRBAŞ A.
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.52, pp.2654-2666, 2021 (SCI-Expanded)
- IV. **Biosorption of Cu²⁺ and Ni²⁺ ions from aqueous solutions using waste dried activated sludge biomass**
ASLAN Ş., YILDIZ S., ÖZTÜRK M.
POLISH JOURNAL OF CHEMICAL TECHNOLOGY, vol.20, no.3, pp.20-28, 2018 (SCI-Expanded)
- V. **OPTIMIZATION OF OPERATIONAL CONDITIONS FOR NITRITE ACCUMULATION IN A SUBMERGED BIOFILTER**
ASLAN Ş., Simsek E.
ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, vol.16, no.10, pp.2267-2274, 2017 (SCI-Expanded)
- VI. **Individual and combined effects of nickel and copper on nitrification organisms**
ASLAN Ş., Sozudogru O.
ECOLOGICAL ENGINEERING, vol.99, pp.126-133, 2017 (SCI-Expanded)
- VII. **ASSESSMENT OF THE ADSORPTION KINETICS, EQUILIBRIUM AND THERMODYNAMICS FOR THE POTENTIAL REMOVAL OF NI²⁺ FROM AQUEOUS SOLUTION USING WASTE EGGSHELL**
ASLAN Ş., Polat A., Topcu U. S.
JOURNAL OF ENVIRONMENTAL ENGINEERING AND LANDSCAPE MANAGEMENT, vol.23, no.3, pp.221-229, 2015 (SCI-Expanded)
- VIII. **KINETIC AND ISOTHERM STUDY OF CUPPER ADSORPTION FROM AQUEOUS SOLUTION USING WASTE EGGSHELL**
Polat A., Asian Ş.
JOURNAL OF ENVIRONMENTAL ENGINEERING AND LANDSCAPE MANAGEMENT, vol.22, no.2, pp.132-140, 2014 (SCI-Expanded)
- IX. **Influence of salinity on partial nitrification in a submerged biofilter**

ASLAN Ş., Simsek E.

BIORESOURCE TECHNOLOGY, vol.118, pp.24-29, 2012 (SCI-Expanded)

- X. **Influence of Operational Parameters and Low Nickel Concentrations on Partial Nitrification in a Submerged Biofilter**
ASLAN Ş., Gurbuz B.
APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, vol.165, pp.1543-1555, 2011 (SCI-Expanded)
- XI. **Ammonium oxidation via nitrite accumulation under limited oxygen concentration in sequencing batch reactors**
ASLAN Ş., Miller L., Dahab M.
BIORESOURCE TECHNOLOGY, vol.100, no.2, pp.659-664, 2009 (SCI-Expanded)
- XII. **Nitrification and denitrification of ammonium-rich wastewater using fluidized-bed biofilm reactors**
ASLAN Ş., Dahab M.
JOURNAL OF HAZARDOUS MATERIALS, vol.156, pp.56-63, 2008 (SCI-Expanded)
- XIII. **Biological nitrate removal in a laboratory-scale slow sand filter**
Aslan S.
WATER SA, vol.34, no.1, pp.99-105, 2008 (SCI-Expanded)
- XIV. **Biological denitrification of drinking water in a slow sand filter**
Aslan S., Cakici H.
JOURNAL OF HAZARDOUS MATERIALS, vol.148, pp.253-258, 2007 (SCI-Expanded)
- XV. **Reuse possibility of the Izmir wastewater treatment plant effluent in Menemen Plain irrigation - A case study of Turkey**
Aslan S.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.16, pp.1485-1491, 2007 (SCI-Expanded)
- XVI. **Nitrate and pesticides removal from contaminated water using biodenitrification reactor**
Aslan Ş., Turkman A.
PROCESS BIOCHEMISTRY, vol.41, no.4, pp.882-886, 2006 (SCI-Expanded)
- XVII. **The effect of petrochemical industry wastewater composition on the activated sludge microflora**
Turkman A., Aslan S., Ozdurakoglu N.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.15, pp.1584-1589, 2006 (SCI-Expanded)
- XVIII. **Combined biological removal of nitrate and pesticides using wheat straw as substrates**
Aslan Ş., Turkman A.
PROCESS BIOCHEMISTRY, vol.40, no.2, pp.935-943, 2005 (SCI-Expanded)
- XIX. **Combined removal of pesticides and nitrates in drinking waters using biodenitrification and sand filter system**
Aslan Ş.
PROCESS BIOCHEMISTRY, vol.40, no.1, pp.417-424, 2005 (SCI-Expanded)
- XX. **Simultaneous biological removal of endosulfan (alpha plus beta) and nitrates from drinking waters using wheat straw as substrate**
Aslan Ş., Turkman A.
ENVIRONMENT INTERNATIONAL, vol.30, no.4, pp.449-455, 2004 (SCI-Expanded)
- XXI. **Treatment of metal containing wastewaters by natural zeolites**
Turkman A., Aslan Ş., Ege I.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.13, no.6, pp.574-580, 2004 (SCI-Expanded)
- XXII. **Biological denitrification of drinking water using various natural organic solid substrates**
Aslan Ş., Turkman A.
WATER SCIENCE AND TECHNOLOGY, vol.48, no.11-12, pp.489-495, 2003 (SCI-Expanded)