

## Prof. GÖKSEL AKÇİN

### Personal Information

**Email:** akcin@yildiz.edu.tr

**Web:** <https://avesis.yildiz.edu.tr/akcin>

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

- I. **Chromium removal from tannery wastewaters with a strong cation exchange resin and species analysis of chromium by MINEQL**  
KOCAOBA S., ÇETİN G., AKÇİN G.  
SCIENTIFIC REPORTS, vol.12, no.1, 2022 (SCI-Expanded)
- II. **Surface complexation modelling of chromium(III) ion exchange by a strong cation exchange resin**  
Kocaoba S., Çetin G., Akçin G.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, 2020 (SCI-Expanded)
- III. **Enrichment of Chromium(III) from Tannery Sludge in the Presence of Calcium**  
ÇETİN G., KOCAOBA S., AKCIN G.  
ASIAN JOURNAL OF CHEMISTRY, vol.25, no.12, pp.6851-6855, 2013 (SCI-Expanded)
- IV. **Removal and Recovery of Chromium from Solutions Simulating Tannery Wastewater by Strong Acid Cation Exchanger**  
Çetin G., Kocaoba S., Akcin G.  
JOURNAL OF CHEMISTRY, 2013 (SCI-Expanded)
- V. **CATION EXCHANGE EQUILIBRIA WITH CHROMIUM (III) SPECIES BY STRONG ACID ION EXCHANGERS**  
Çetin G., Kocaoba S., Hoell W. H., Akçin G.  
SOLVENT EXTRACTION AND ION EXCHANGE, vol.30, pp.88-100, 2012 (SCI-Expanded)
- VI. **Determination of zinc, nickel and cadmium in natural water samples by flame atomic absorption spectrometry after preconcentration with ion exchange and flotation techniques**  
Akcin N., KOYUNCU İ., Akcin G.  
REVIEWS IN ANALYTICAL CHEMISTRY, vol.30, no.2, pp.65-71, 2011 (SCI-Expanded)
- VII. **Comparative study of ion-exchange and flotation processes for the removal of Cu<sup>2+</sup> and Pb<sup>2+</sup> ions from natural waters**  
KOYUNCU İ., Akcin N., AKÇİN G., Mutlu K. F.  
Reviews in Analytical Chemistry, vol.29, no.2, pp.93-106, 2010 (SCI-Expanded)
- VIII. **COMPARATIVE STUDY OF ION-EXCHANGE AND FLOTATION PROCESSES FOR THE REMOVAL OF Cu<sup>2+</sup> AND Pb<sup>2+</sup> IONS FROM NATURAL WATERS**  
KOYUNCU İ., Akcin N., AKÇİN G., Mutlu K. F.  
REVIEWS IN ANALYTICAL CHEMISTRY, vol.29, no.2, pp.93-106, 2010 (SCI-Expanded)
- IX. **MODELLING OF ELECTRODEPOSITION BATH USING THE FLOW ANALYSIS TECHNIQUE**  
BUDAK T., KOYUNCU İ., Akcin G., Afsar H.  
REVIEWS IN ANALYTICAL CHEMISTRY, vol.28, no.1, pp.1-9, 2009 (SCI-Expanded)
- X. **A kinetic investigation of removal of chromium from aqueous solutions with a strong cation exchange resin**  
Kocaoba S., Akçin G.  
MONATSHEFTE FÜR CHEMIE, vol.139, no.8, pp.873-879, 2008 (SCI-Expanded)
- XI. **Removal of Chromium and Cadmium from Wastewaters**  
Kocaoba S., Akçin G.

- Desalination, vol.180, pp.151-156, 2005 (SCI-Expanded)
- XII. **Biosorption of Au(III) and Cu(II) from aqueous solution by a non-living Usnea longissima biomass**  
TURHAN K., Ekinci-Dogan C., AKÇİN G., Aslan A.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.14, pp.1129-1135, 2005 (SCI-Expanded)
- XIII. **Chromium(III) removal from wastewaters by a weakly acidic resin containing carboxylic groups**  
Kocaoba S., Akçin G.  
ADSORPTION SCIENCE & TECHNOLOGY, vol.22, no.5, pp.401-410, 2004 (SCI-Expanded)
- XIV. **A kinetic investigation of chromium**  
Kocaoba S., Akçin G.  
ADSORPTION-JOURNAL OF THE INTERNATIONAL ADSORPTION SOCIETY, vol.9, no.2, pp.143-151, 2003 (SCI-Expanded)
- XV. **Removal and recovery of chromium and chromium speciation with MINTEQA2**  
Kocaoba S., Akçin G.  
TALANTA, vol.57, no.1, pp.23-30, 2002 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Determination of Optimum Conditions of a Strong Cationic Ion Exchange Resin for Removal of Cadmium (II)**  
Akçin G.  
Journal of Yildiz Technical University, vol.4, pp.10-16, 2000 (Peer-Reviewed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Sulu Çözeltilerde Farklı Biyosorbentlerin Metal Tutma Etkisinin Araştırılması**  
Turhan K., Akçin G.  
XX. Ulusal Kimya Kongresi, Kayseri, Turkey, 4 - 08 September 2006, pp.1
- II. **Sulu Çözeltilerdeki Zn(II)'nin Farklı Biyosorbentler Kullanılarak Uzaklaştırılması**  
Turhan K., Akçin G.  
XIX. Ulusal Kimya Kongresi, Aydın, Turkey, 30 September - 04 October 2005, pp.1
- III. **Au(III) ve Cu(II)'in Sulu Çözeltilerinden Biyokütle ile Uzaklaştırılması", Au(III) ve Cu(II)'in Sulu Çözeltilerinden Biyokütle ile Uzaklaştırılması**  
Turhan K., Akçin G., Aslan A.  
XVIII. Ulusal Kimya Kongresi, Kars, Turkey, 5 - 09 July 2004, pp.1
- IV. **A Batch Study for a Weak Cation Exchange Resin and Speciation of Chromium**  
KOCAOBA S., Akçin G.  
Colloquium Spectroscopicum Internationale Conference
- V. **İyon Değiştiricilerle Ağır Metal Uzaklaştırılması ve Geri Kazanılması**  
KOCAOBA S., Çetin G., Hoell W., Akçin G.  
17. Ulusal Kimya Kongresi
- VI. **Chromium(III) Separation from Wastewaters by Carboxylic Ion-Exchange Resins**  
KOCAOBA S., Akçin G.  
International Congress on Analytical Chemistry
- VII. **Ion Exchange Kinetics of Chromium on Weak Carboxylic Cation Exchange Resin**  
KOCAOBA S., Akçin G.  
2nd Aegean Analytical Chemistry Days
- VIII. **Speciation of Chromium**  
KOCAOBA S., Akçin G.  
Natural Waters and Water Technology Conference

- IX. Nitrate Removal from Potable Water by Ion-Exchange**  
Akçin G.  
IUPAC
- X. Chromium Removal from Aqueous Solutions by Different Ion Exchange Resins**  
KOCAOBA S., Akçin G.  
2nd Black Sea Basin Conference on Analytical Chemistry
- XI. Cation Exchange Separation of Chromium (III) in Tannery Wastewaters**  
KOCAOBA S., Çetin G., Hoell W., Akçin G.  
4th Aegean Analytical Chemistry Days
- XII. Removal of Chromium and Cadmium from Wastewaters with a Strong Cation Exchange Resin**  
KOCAOBA S., Akçin G.  
10th Stockholm Water Conference
- XIII. Determination of Optimum Conditions of a Weak Carboxylic Ion Exchange Resin for Removal and Recovery of Chromium (III)**  
KOCAOBA S., Akçin G.  
ION-EX Conference
- XIV. Comparison of Two Cationic Resins Performances for Removal and Recovery of Chromium (III)**  
KOCAOBA S., Akçin G.  
Analytical Science into the Next Millennium SAC 99 Conference
- XV. Investigation of Some Heavy Metals in Food**  
Akçin G.  
IUPAC
- XVI. Removal of Heavy Metal**  
KOCAOBA S., Akçin G.  
MBCIII 3rd Mediterranean Basin Conference on Analytical Chemistry
- XVII. Katyonik Reçinelerle Denge Değişiminin İncelenmesi**  
KOCAOBA S., Çetin G., Hoell W., Akçin G.  
17. Ulusal Spektroskopi Kongresi
- XVIII. Removal of Chromium(III) from Wastewater by Ion-Exchange Process**  
KOCAOBA S., Akçin G.  
Natural Waters and Water Technology Conference
- XIX. Investigation of Optimum Conditions for a Strong Cationic Resin and Chromium Speciation**  
KOCAOBA S., Akçin G.  
CSI XXXI Pre-Symposium Spectroscopic Methods for Speciation of Elements

## Supported Projects

AKÇİN G., Project Supported by Higher Education Institutions, Metal Oksit ve Polimer Destekli Nanokatalizörlerin Sentezi ve Analitik Uygulaması., 2010 - 2013

AKÇİN G., Project Supported by Higher Education Institutions, Nanoboyutta katalizör kullanımıyla Trihalometanların (THM) Sulu Ortamdan Giderilmesi., 2008 - 2013

AKÇİN G., Project Supported by Higher Education Institutions, İki Farklı Yöntemle Su Ortamındaki Bazı Metallerin Ayrılması ve Geri Kazanılması., 2009 - 2010

AKÇİN G., ÇETİN G., Project Supported by Higher Education Institutions, Metal sanayii kaplama banyoları çalkalama sularında bulunan metallerin parametric pumping yöntemi ile geri kazanılması, 2004 - 2007

## Metrics

Publication: 45

Citation (WoS): 186

Citation (Scopus): 229

H-Index (WoS): 7

H-Index (Scopus): 8