

Prof. BELGİN BAYAT

Personal Information

Office Phone: [+90 322 338 6084](tel:+903223386084) Extension: 2075

Email: bbayat@cu.edu.tr

Web: <https://avesis.cu.edu.tr//bbayat>

Address: ÇUKUROVA ÜNİVERSİTESİ ÇEVRE MÜH. BÖLÜMÜ BALCALI SARIÇAM ADANA

International Researcher IDs

ORCID: 0000-0001-7977-0419

Publons / Web Of Science ResearcherID: J-1658-2018

ScopusID: 6603650784

Yoksis Researcher ID: 47269

Education Information

Doctorate, Leeds Metropolitan University, Mühendislik Mimarlık Fakültesi, Çevre Mühendisliği, United Kingdom 1990 - 1994

Undergraduate, Istanbul Technical University, Mühendislik Mimarlık Fakültesi, Çevre Mühendisliğif, Turkey 1983 - 1986

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Controlling of NO_x including N₂O Emissions from Coal-fired Fluidized Bed Combustors, Leeds Metropolitan University, Faculty Of Engineering, Environmental Science And Technology, 1994

Postgraduate, The Use of Tracers to Determine Reactor Mixing Characteristics, Leeds Metropolitan University, Faculty Of Engineering, Environmental Pollution Control, 1990

Research Areas

Environmental Engineering, Environmental Technology, Air Pollution and Control, Solid Waste Engineering and Management, Pollution Prevention and Waste Reduction, Water Pollution and Control, Engineering and Technology

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Use of *Aspergillus niger* in the bioleaching of colemanite for the production of boric acid**
BAYAT O., Arslan V., BAYAT B.
ELECTRONIC JOURNAL OF BIOTECHNOLOGY, vol.14, no.3, 2011 (SCI-Expanded)
- II. **Bioleaching of dewatered metal plating sludge by *Acidithiobacillus ferrooxidans* using shake flask and completely mixed batch reactor**
BAYAT B., SARI B.

AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.9, no.44, pp.7504-7512, 2010 (SCI-Expanded)

III. Comparative evaluation of microbial and chemical leaching processes for heavy metal removal from dewatered metal plating sludge

BAYAT B., SARI B.

JOURNAL OF HAZARDOUS MATERIALS, vol.174, pp.763-769, 2010 (SCI-Expanded)

Articles Published in Other Journals

I. Modeling effluent heavy metal concentrations in a bioleaching process using an artificial neural network technique

BAYAT B., SARI B.

AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.11, no.95, pp.16196-16204, 2012 (Peer-Reviewed Journal)

Books & Book Chapters

I. Adana'da Kent İçinden Geçen Otoyolun Çevreye Etkilerinin Belirlenmesi ve Azaltıcı Önlemlerin Araştırılması

YÜCEL M., SÖĞÜT Z., SAY N., DENİZ Ç., ZORLU F., BAYAT B.

in: Çevre ve Ulaşım İlişkileri, Muzaffer YÜCEL, Deniz Çolakkadıoğlu, Editor, KARAHAN KİTABEVİ, Adana, pp.7-18, 2015

II. Adana'da Kent İçinden Geçen Otoyolun Çevreye Etkilerinin Belirlenmesi ve Azaltıcı Önlemlerin Araştırılması

YÜCEL M., SÖĞÜT Z., SAY N., deniz ç., ZORLU F., BAYAT B.

in: Çevre ve Ulaşım İlişkileri, Prof. Dr. Muzaffer YÜCEL, Dr. Deniz Çolakkadıoğlu, Editor, Karahan Kitabevi, Adana, pp.7-18, 2015

III. Adana'da Kent İçinden Geçen Otoyolun Çevreye Etkilerinin Belirlenmesi ve Azaltıcı Önlemlerin Araştırılması

YÜCEL M., SÖĞÜT Z., SAY N., Çolakkadıoğlu D., Zorlu F., BAYAT B.

in: Çevre ve Ulaşım İlişkileri, M. Yücel, D. Çolakkadıoğlu, Editor, Karahan Kitabevi, Adana, pp.7-19, 2015

Refereed Congress / Symposium Publications in Proceedings

I. Evsel Atıksulardan Fenol Gideriminde Uçucu Külün Adsorban Olarak Kullanılması

BAYAT B., Ash A., SARI B.

7. Ulusal Çevre Mühendisliği Kongresi, İzmir, Turkey, 24 - 27 October 2007, pp.350-358

II. Use of Turkish Fly Ashes in Wastewater Treatment

BAYAT B., BAYAT O., SARI B.

International Conference on Water Problems in the Mediterranean Countries, Lefkoşa, Cyprus (Kktc), 17 - 21 November 1997, vol.1, pp.459-466

III. Use of Turkish Fly Ashes in Wastewater Treatments

BAYAT B., BAYAT O., SARI B.

International Conference on Water Problems in the Mediterranean Countries, Lefkoşa, Cyprus (Kktc), 17 - 21 November 1997, pp.459-466

Supported Projects

BAYAT B., SUNA A. C., Project Supported by Higher Education Institutions, Sepiyolitin Adana Organize Sanayi Bölgesi(AOSB) Atıksuyundaki Organik ve İnorganik Parametrelerin Fiziko-kimyasal Yöntemlerle(Pıhtılaştırma-

Metrics

Publication: 24

Citation (WoS): 415

Citation (Scopus): 529

H-Index (WoS): 6

H-Index (Scopus): 7

Non Academic Experience

Arısan A.Ş.