

Res. Asst. SERDAR ŞAM

Personal Information

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Biography

1998 – 2003 Environmental Engineering, Marmara University (BSc)

2003 – 2005 Environmental Engineering, Marmara University (MSc)

2005 - Environmental Engineering, Marmara University (PhD)

Research Fields:

☑ Particle aggregation

☑ Chemical treatment

☑ Treatment & ozonation of NOM

☑ Sludge dewatering

Education Information

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Çevre Mühendisliği (Dr) (İngilizce), Turkey 2005 - Continues

Postgraduate, Marmara University, Faculty of Engineering, Environmental Engineering, Turkey 2003 - 2005

Undergraduate, Marmara University, Faculty of Engineering, Environmental Engineering, Turkey 1998 - 2003

Foreign Languages

English, C1 Advanced

Research Areas

Environmental Engineering, Environmental Sciences, Environmental Technology

Academic Titles / Tasks

Research Assistant, Marmara University, Faculty of Engineering, Environmental Engineering, 2011 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Flocculating performances of exopolysaccharides produced by a halophilic bacterial strain cultivated on agro-industrial waste**
ŞAM S., Kucukasik F., Yenigun O., Nicolaus B., Oner E. T. , Yukselen M. A.
BIORESOURCETECHNOLOGY, vol.102, no.2, pp.1788-1794, 2011 (Journal Indexed in SCI)
- II. **The Effect of Ozone on the Reversibility of Floc Breakage: Suspensions with High Humic Acid Content**
Sam S., Yukselen M. A. , Zorba M., Gregory J.
OZONE-SCIENCE & ENGINEERING, vol.32, no.6, pp.435-443, 2010 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of the Effect of Pre-ozonation on Organic Matter Removal via Flocculation**
ŞAM S., YÜKSELEN M. A. , CAN Z. S.
THE 11TH EASTERN EUROPEAN YOUNG WATER PROFESSIONALS CONFERENCE - Water for All - Water for Nature, Reliable Water Supply, Wastewater Treatment and Reuse, 1 - 05 October 2019
- II. **Halofil kaynaklı ekzopolisakkaritlerin flokülasyon performanslarının incelenmesi**
ŞAM S., Küçükaşık F., YENİGÜN O., TOKSOY ÖNER E., YÜKSELEN M. A.
II. UlusalEkoloji ve Çevre Öğrenci Kongresi, Çanakkale, Turkey, 23 - 25 September 2010
- III. **Ekstremofil kaynaklı ekzopolisakkaritlerin biyoflokülant özellikleri**
ŞAM S., Küçükaşık F., YENİGÜN O., TOKSOY ÖNER E., YÜKSELEN M. A.
12. EndüstriyelKirlenme Kontrolü Sempozyumu, İstanbul, Turkey, 16 - 18 June 2010
- IV. **Comparison of coagulation performances of monomeric and polymeric hydrolysing coagulants under increasing humic acid and pre-ozonation conditions**
ŞAM S., YÜKSELEN M. A. , Gregory J.
4th IWA Specialist Conference - NaturalOrganic Matter: from Source to Tap, Bath, United Kingdom, 2 - 04 September 2008
- V. **Impact of ozonation on thefloc reversibility in waters with high organic content**
YÜKSELEN M. A. , ŞAM S., Dede A., Gregory J.
IWA - International Conference onParticle Separation (IWA-PS 2007), Toulouse, France, 9 - 11 July 2007
- VI. **Kimyasal çamur floklarının özellikleri ve hızlı karıştırma süresinin susuzlaştırmaya etkisi**
ŞAM S., YÜKSELEN M. A.
Ulusal Çevre Sempozyumu, Mersin, Turkey, 01 May 2007
- VII. **Reversibility of floc breakage: Importance for sludge dewatering properties**
ŞAM S., YÜKSELEN M. A.
Environment: Survival and Sustainability Symposium, Lefkoşa, Cyprus (Kkct), 19 - 24 February 2007
- VIII. **Importance of rapid mixing time on sludge dewatering properties**
ŞAM S., YÜKSELEN M. A.
Environment: Survival and Sustainability Symposium, Lefkoşa, Cyprus (Kkct), 19 - 24 February 2007
- IX. **Aggregation and breakage of activated sludge flocs: implication for dewatering**
YÜKSELEN M. A. , Salpar G. D. , ŞAM S., Saatçı A. M.
IWA SpecializedConference - Sustainable Sludge Management: state of the art, challenges andperspectives, Moskva, Russia, 29 - 31 May 2006
- X. **Kimyasal çamur floklarının özellikleri ve susuzlaştırma uygulamaları**
ŞAM S., YÜKSELEN M. A.
Çevre Kirlenmesi Öncelikleri Sempozyumu V (ÇEVKOS V), Kocaeli, Turkey, 01 May 2006

Supported Projects

Akkoyunlu B. O. , TUBITAK Project, Yağış Alt olay Örnekleme ve Analizi ile Bulut Altı Temizleme Mekanizmasının

İncelenmesi, 2010 - 2012

Toksoy Öner E., TUBITAK Project, Bioethanol - A Source of Renewable Energy from Extremophiles, 2009 - 2011

Şam S., Saatçı A. M. , Project Supported by Higher Education Institutions, Ön ozonlamanın hümik madde flokülasyonuna etkisinin incelenmesi, 2009 - 2009

Tayanç M., TUBITAK Project, Türkiye'de İklim Değişkenliği: İstanbul'da Yeni Bir Gözlem Ağı ve Tarihsel Veriler, 2007 - 2009

Can Z. S. , Yükselen M. A. , Gökyay O., TUBITAK Project, Yüksek Çözünmüş Organik Madde İçeren Sularda Flok Yapılarının İncelenmesi , 2005 - 2008

Şam S., Yükselen M. A. , Project Supported by Higher Education Institutions, Kimyasal çamur floklarının özellikleri ve bunların susuzlaştırmaya etkisi, 2005 - 2007

Yükselen M. A. , TUBITAK Project, Yüksek organik madde içeren sularda flok yapısının incelenmesi, 2005 - 2007

Edit Congress and Symposium Activities

Investigation of the Effect of Pre-ozonation on Organic Matter Removal via Flocculation, Working Group, Praha, Czech Republic, 2019

Halofil kaynaklı ekzopolisakkaritlerin flokülasyon performanslarının incelenmesi, Working Group, Çanakkale, Turkey, 2010

Ekstremofil kaynaklı ekzopolisakkaritlerin biyoflokülant özellikleri, Working Group, İstanbul, Turkey, 2010

Comparison of coagulation performances of monomeric and polymeric hydrolysing coagulants under increasing humic acid and pre-ozonation conditions, Working Group, London, United Kingdom, 2008

Impact of ozonation on the floc reversibility in waters with high organic content, Working Group, Toulouse, France, 2007

Kimyasal çamur floklarının özellikleri ve hızlı karıştırma süresinin susuzlaştırmaya etkisi, Working Group, Mersin, Turkey, 2007

Importance of rapid mixing time on sludge dewatering properties, Working Group, Lefkoşa, Cyprus (Kktc), 2007

Reversibility of floc breakage: Importance for sludge dewatering properties, Working Group, Lefkoşa, Cyprus (Kktc), 2007

Kimyasal çamur floklarının özellikleri ve susuzlaştırma uygulamaları, Working Group, Kocaeli, Turkey, 2006

Aggregation and breakage of activated sludge flocs: implication for dewatering, Working Group, Moscow, Russia, 2006

Citations

Total Citations (WOS):60

h-index (WOS):2