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Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Turkey 2002 - 2006

Dissertations

Doctorate, Removal of disinfection by products precursors with enhanced coagulation in Istanbul water supplies, Istanbul Technical University, Fen Bilimleri Enstitüsü, 2006

Research Areas

Environmental Technology, Engineering and Technology

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Spatial and Seasonal Variations of Disinfection Byproducts (DBPs) in Drinking Water Distribution Systems of Istanbul City, Turkey**
UYAK V., Soylu S., TOPAL T., KARAPINAR N., ÖZDEMİR K., Ozaydin S., Avsar E.
ENVIRONMENTAL FORENSICS, vol.15, no.2, pp.190-205, 2014 (SCI-Expanded)
- II. **Formation of Disinfection Byproducts (DBPs) in Surface Water Sources: Differential Ultraviolet (UV) Absorbance Approach**
Uyak V., Demirbas K. D.
Environmental Forensics, vol.15, no.1, pp.52-65, 2014 (SCI-Expanded)
- III. **Seasonal variations of NOM composition and their reactivity in a low humic water**
Karapinar N., Uyak V., Soylu S., Topal T.
Environmental Progress and Sustainable Energy, vol.33, no.3, pp.962-971, 2014 (SCI-Expanded)
- IV. **Natural Organic Matter Removal and Fouling in a Low Pressure Hybrid Membrane Systems**
Uyak V., AKDAGLI M., ÇAKMAKCI M., Koyuncu İ.
SCIENTIFIC WORLD JOURNAL, 2014 (SCI-Expanded)
- V. **Comparison of nanofiltration and adsorption techniques to remove arsenic from drinking water**
Cakmakci M., BASPINAR A. B., BALABAN U., Uyak V., Koyuncu İ., Kınacı C.
DESALINATION AND WATER TREATMENT, vol.9, pp.149-154, 2009 (SCI-Expanded)
- VI. **Removal of trihalomethanes from drinking water by nanofiltration membranes**
Uyak V., Koyuncu İ., OKTEM I., ÇAKMAKCI M., TOROZ İ.

JOURNAL OF HAZARDOUS MATERIALS, vol.152, no.2, pp.789-794, 2008 (SCI-Expanded)

- VII. **Seasonal variations of disinfection by-product precursors profile and their removal through surface water treatment plants**
Uyak V., OZDEMİR K., Toröz İ.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.390, pp.417-424, 2008 (SCI-Expanded)
- VIII. **Investigation of bromide ion effects on disinfection by-products formation and speciation in an Istanbul water supply**
Uyak V., Toroz I.
JOURNAL OF HAZARDOUS MATERIALS, vol.149, no.2, pp.445-451, 2007 (SCI-Expanded)
- IX. **Disinfection by-products precursors removal by enhanced coagulation and PAC adsorption**
Uyak V., YAVUZ S., Toroz I., OZAYDIN S., GENÇELİ E. A.
DESALINATION, vol.216, pp.334-344, 2007 (SCI-Expanded)
- X. **Multiple linear regression modeling of disinfection by-products formation in Istanbul drinking water reservoirs**
Uyak V., OZDEMİR K., Toroz I.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.378, no.3, pp.269-280, 2007 (SCI-Expanded)
- XI. **Disinfection by-product precursors reduction by various coagulation techniques in Istanbul water supplies**
Uyak V., Toroz I.
JOURNAL OF HAZARDOUS MATERIALS, vol.141, no.1, pp.320-328, 2007 (SCI-Expanded)
- XII. **Modeling the formation of chlorination by-products during enhanced coagulation**
Uyak V., Toroz I.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.121, pp.503-517, 2006 (SCI-Expanded)
- XIII. **Multi-pathway risk assessment of trihalomethanes exposure in Istanbul drinking water supplies**
Uyak V.
ENVIRONMENT INTERNATIONAL, vol.32, no.1, pp.12-21, 2006 (SCI-Expanded)
- XIV. **Seasonal variations of trihalomethanes (THMs) in water distribution networks of Istanbul City**
Toro I., Uyak V.
DESALINATION, vol.176, pp.127-141, 2005 (SCI-Expanded)
- XV. **Monitoring and modeling of trihalomethanes (THMs) for a water treatment plant in Istanbul**
Uyak V., Toroz I., MERİC S.
DESALINATION, vol.176, pp.91-101, 2005 (SCI-Expanded)
- XVI. **Enhanced coagulation of disinfection by-products precursors in Istanbul water supply**
Uyak V., Toroz L.
ENVIRONMENTAL TECHNOLOGY, vol.26, no.3, pp.261-266, 2005 (SCI-Expanded)

Articles Published in Other Journals

- I. **Experimental Investigation of Trihalomethane Formation and Its Modeling in Drinking Waters**
ÖZDEMİR K., YILDIRIM Y., TORÖZ İ., UYAK V.
ASIAN JOURNAL OF CHEMISTRY, vol.27, no.3, pp.984-990, 2015 (Scopus)
- II. **Relationship among chlorine dose, reaction time and bromide ions on trihalomethane formation in drinking water sources in Istanbul, Turkey**
Özdemir K., Toröz İ., Uyak V.
Asian Journal of Chemistry, vol.26, no.20, pp.6935-6939, 2014 (Scopus)

Metrics

Citation (WoS): 626

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H-Index (Scopus): 15