
PUBLICATIONS

SCI Journal Papers

1. Yükselen M.A., Alpaslan B. (2001), *Leaching of Metals from Soil Contaminated by Mining Activities*, Journal of Hazardous Materials, Vol:87, No: 1-3, pp.289-300.
2. Alpaslan B., Yükselen M.A. (2002), *Remediation of Lead Contaminated Soils by Stabilization/Solidification*, Water, Air and Soil Pollution, Vol:133, pp.253-263.
3. Alpaslan Kocamemi B., Çeçen F. (2005), *Cometabolic Degradation of TCE in Enriched Nitrifying Batch Systems*, Journal of Hazardous Materials, Vol:B125, pp.260-265.
4. Alpaslan Kocamemi B., Çeçen F. (2007), *Kinetic Analysis of the Inhibitory Effect of Trichloroethylene (TCE) on Nitrification in Cometabolic Degradation*, Biodegradation, Vol:18, pp. 71-81.
5. Alpaslan Kocamemi B., Çeçen F. (2007), *Inhibitory Effect of the Xenobiotic 1,2-Dichloroethane in a Nitrifying Biofilm Reactor*, Water Science and Technology, Vol: 55 (8-9), pp. 67-73.
6. Alpaslan Kocamemi B., Çeçen F. (2009), *Biodegradation of 1,2-dichloroethane (1,2-DCA) by cometabolism in a nitrifying biofilm reactor*, International Biodeterioration & Biodegradation, 63, pp.717-726.
7. Alpaslan Kocamemi B., Çeçen F. (2010), *Biological removal of the xenobiotic trichloroethylene (TCE) through cometabolism in nitrifying systems*, Bioresource Technology,101, pp.430-433.
8. Alpaslan Kocamemi B., Çeçen F. (2010), *Cometabolic degradation and inhibition kinetics of 1,2-Dichloroethane (1,2-DCA) in suspended-growth nitrifying systems*, Environmental Technology, Vol.31, pp.295-305.
9. Alpaslan Kocamemi B., Dityapak D. (2014), *Real time process dynamics monitoring in Anammox reactors*, Water Science and Technology , Vol: 70 (2), pp.183-191.

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1. **Alpaslan B.**, Yükselen M.A., *Sea Pollution in an Old Mining Area : North Cyprus, Turkey* Costs 98, National Conference, Middle East Technical University, Ankara, Türkiye, 22-25 September 1998.
2. **Alpaslan Kocamemi B.**, Dityapak D., Semerci N., Tepe C., Bilgin B., Kurt H., Kumru M., Akarsubaşı, A. T., *Start-up of Anammox Process using Local Mixed Activated Sludge Seed*, Environmental Pollution Priorities in Turkey (ÇEVKOS) VII, 22-23 November 2012.
3. Semerci N., Bakıcı N., **Kocamemi B.**, Investigation of Anoxic Phosphorus Uptake in Post Denitrification, System Environmental Pollution Priorities in Turkey (ÇEVKOS) VII, 22-23 November 2012.

Book Chapter

1. Ferhan Çeçen, **Bilge Alpaslan Kocamemi**, Özgür Aktaş. 2010, “*Metabolic And Co-Metabolic Degradation Of Industrially Important Chlorinated Organics Under Aerobic Conditions*, In: Xenobiotics in the Urban Water Cycle: Mass Flows, Environmental Processes and Mitigation Strategies’ Environmental Process, Vol 16, DOI 10.1007/978-90-481-3509-9_9 (Springer Environmental Book Series) (COST 636).

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1. Yükselen M.A., **Alpaslan B.**, Çallı B., Gökyay O., *The Effect of Land-Based Sea Pollution in an Old Mining Region: A Case Study from Northern Cyprus*, **Paris 2000: 1st World Congress of the International Water Association (IWA)**, 3- 7 June 2000.
2. **Alpaslan Kocamemi B.**, Çeçen F., *Cometabolic Degradation of TCE in Enriched Nitrifying Batch Systems*, **4th International Water Association (IWA) World Water Congress, Marrakech**, 19-24 September 2004.
3. **Alpaslan Kocamemi B.**, Çeçen F., *Inhibitory Effect of the Xenobiotic 1,2-DCA in a Nitrifying Biofilm Reactor*, **Biofilm IV Congress of the International Water Association (IWA), Amsterdam-The Netherlands**, 24-27 September 2006.

4. **Alpaslan Kocamemi B.,** Çeçen F., *Kinetic Analysis of Cometabolic Trichloroethylene (TCE) Degradation by Nitrifiers*, Micropol & Ecohazard 2007, **5th International Water Association (IWA) Specialized Conference on Assessment and Control of Micropollutants / Hazardous Substances in Water, Frankfurt am Main/ Germany**, 17-20 June 2007.
5. **Alpaslan Kocamemi B.,** Dityapak, D., Semerci N., *Monitoring of anaerobic ammonium oxidation (ANAMMOX) process start-up via on-line measurements in a sequencing batch reactor.*, **14th International Biotechnology Symposium and Exhibition in Rimini, Italy**, 14-18 September 2010 (*Journal of Biotechnology*, Vol.150, Supplement 1, p.291, doi. 10.1016/j.jbiotec.2010.09.236)
6. Semerci N., Bakıcı N., **Alpaslan Kocamemi B.,** *Effects of nitrite, oxygen and initial pH on biological phosphorus removal in a post-denitrification system.*, **14th International Biotechnology Symposium and Exhibition in Rimini, Italy**, 14-18 September 2010 (*Journal of Biotechnology*, Vol.150, Supplement 1, p.291, doi. 10.1016/j.jbiotec.2010.09.239)
7. **Alpaslan Kocamemi B.,** Dityapak, D., Semerci N., *Evaluation of pH, ORP and conductivity profiles in an Anammox reactor started-up using municipal activated sludge seed*, **European Biotechnology Congress 2011 in Istanbul, Turkey**, 28. September 2011 - 1. October 2011 (*Current Opinion in Biotechnology*, Vol: 22, Supplement 1, p. S38, doi:10.1016/j.copbio.2011.05.088)
8. Semerci N., Bakıcı N., **Alpaslan Kocamemi B.,** *Evaluation of oxic and anoxic phosphate removal in a post-denitrification system*, **European Biotechnology Congress 2011 in Istanbul, Turkey**, 28 September 2011 - 1 October 2011 (*Current Opinion in Biotechnology*, Vol: 22, Supplement 1, p. S67, doi:10.1016/j.copbio.2011.05.191)
9. Esen E., Dityapak D., Kurt H., Kumru M., **Alpaslan Kocamemi B.,** Semerci N., Akarsubaşı A.T., *Molecular characterization of partial nitrification followed by anammox process*, **ISME 14th International Symposium on Microbial Ecology, Copenhagen, Denmark**, 19-24 August 2012.
10. Ergal, I., Semerci N., **Alpaslan Kocamemi B.,** Kurt H., Akarsubaşı A.T., *Quantitative analysis of Candidatus Accumilibacter phosphatis on lab scale denitrifying phosphorus removal sequencing batch reactors*, **ISME 14th International Symposium on Microbial Ecology, Copenhagen, Denmark**, 19-24 August 2012.

11. **Alpaslan Kocamemi B.**, Dityapak D., *Real time monitoring of Process Dynamics in Anammox Reactors*, **WEF/IWA Nutrient Removal and Recovery 2013, Vancouver, British Columbia, Canada**, 28-31 July, 2013.
12. **Alpaslan Kocamemi B.**, Dityapak D., *Novel Nitrogen Removal Technologies For Wastewater Treatment : An overview of ANAMMOX (Anaerobic Ammonium Oxidation) Process*, **Catec 2014, 2nd Caspian International Aqua Technologies Exhibition and Conference, Baku, Azerbaijan**, pp.629-635, 10-12 April 2014
13. **Alpaslan Kocamemi B.**, Çiçek E., *Partial Nitrification of Domestic Wastewater under Oxygen Limited Conditions*, **ICOCEE Cappadocia 2015- International Conference on Civil and Environmental Engineering, Nevsehir, Türkiye**, pp. 130, 20-23 May 2015.
14. **Alpaslan Kocamemi B.**, Güre N., Sarılioğlu F., Kuzey C., Saatçı A.M., *Application of low intensity ultrasound to enhance biological phosphorus removal*, **ICOCEE Cappadocia 2015- International Conference on Civil and Environmental Engineering, Nevsehir, Türkiye**, pp. 175, 20-23 May 2015.
15. **Alpaslan Kocamemi B.**, Dityapak D., Oktem H., *Influence of Operating Parameters and Wastewater Constituents on the Performance of Anammox Process*, **WEF- IWA Nutrient Removal and Recovery 2016, Denver, USA**, 10-13 July 2016.
16. Aktuz E., Yu J., **Alpaslan Kocamemi B.**, Ozen T., Izgi D., *Maximum Heat Recovery And Utilization System In A Municipal Activated Sludge Fluidized Bed Incineration (FBI) Plant: A Case Study For Bursa, Turkey*, **WEFTEC 2016, Water Environment Federation's Annual Technical Exhibition and Conference, New Orleans, USA**, 24-28 September 2016.
17. **Alpaslan Kocamemi B.**, Dityapak D., *The use of Combined Partial Nitritation and Anammox Process for Mainstream Sewage Treatment*, **WEFTEC 2016, Water Environment Federation's Annual Technical Exhibition and Conference, New Orleans, USA**, 24-28 September 2016.
18. Uflaz H., **Alpaslan Kocamemi B.**, *The First Pilot Scale Anammox Plant in Turkey: A case study of Bursa STP*, **ICOCEE Cappadocia 2017-International Conference on Civil and Environmental Engineering, Nevsehir, Türkiye**, 8-10 May 2017.
19. **Alpaslan Kocamemi B.**, Uflaz H., Kurt H., *Challenges of Partial Nitritation prior to Anammox Application for Mainstream Sewage: A Pilot Study for Bursa Sewage Treatment Plant in Turkey*,

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Alpaslan Kocamemi B. (2005), *Cometabolic Degradation of Trichloroethylene (TCE) and 1,2-Dichloroethane (1,2-DCA) in Nitrification Systems*, Boğaziçi University, Institute of Environmental Sciences. Thesis supervisor: Prof. Ferhan Çeçen

M. Sc. Thesis:

Alpaslan B. (1999), *Remediation of Heavy Metal Contaminated Soils*, Marmara University, Institute of Pure and Applied Sciences, Environmental Engineering. Thesis Supervisor: Assoc. Prof. Mehmet Ali Yükselen