

Water Science and Technology

Volume 57, Number 6

Contents

- 803 Operational results of an agricultural biogas plant equipped with modern instrumentation and automation
J. Wiese and O. Kujawski
- 809 Significance of acetogenic H₂ consumption in dark fermentation and effectiveness of pH
B. Calli, J. Zhao, E. Nijssen and K. Vanbroekhoven
- 815 Impact of high saline wastewaters on anaerobic granular sludge functionalities
D. Jeison, A. Del Rio and J. B. Van Lier
- 821 Comparing the effluent organic matter removal of direct NF and powdered activated carbon/NF as high quality pretreatment options for artificial groundwater recharge
C. Kazner, S. Baghoth, S. Sharma, G. Amy, T. Wintgens and T. Melin
- 829 Dimensioning of membrane bioreactors for municipal wastewater treatment
Detlef Wedi and Adriano Joss
- 837 Characterization of anaerobic granular sludge developed in UASB reactors that treat ethanol, carbohydrates and hydrolyzed protein based wastewaters
F. Molina, C. García, E. Roca and J. M. Lema
- 843 Microbial challenge-testing of treatment processes for quantifying stormwater recycling risks and management
C. M. Davies, V. G. Mitchell, S. M. Petterson, G. D. Taylor, J. Lewis, C. Kaucner and N. J. Ashbolt
- 849 Fate and transport of faecal contamination microbial indicators, pathogenic protozoa and *Campylobacter* in the artificially recharged fractured aquifer of Salento, Italy
R. La Mantia, C. Masciopinto, C. Levantesi and V. Tandoi
- 857 Analysis of the methodology to determine anaerobic toxicity: evaluation of main compounds present in wastewater treatment plants (WWTPs)
J. Urra, P. Poirrier, J. Segovia, Y. Lesty and R. Chamy
- 863 Treatment of textile dyes in two-phase and single-phase anaerobic bio-treatment systems
D. Bhattacharyya and K. S. Singh
- 869 Influence of effluent-recirculation condition on the process performance of expanded granular sludge bed reactor for treating low strength wastewater
W. Yoochatchaval, K. Nishiyama, M. Okawara, A. Ohashi, H. Harada and K. Syutsubo



Publishing

- 875 Treatment of petroleum production wastewater for reuse in secondary oil recovery
P. Mijaylova Nacheva, E. Ramírez Camperos and L. Sandoval Yoal
- 883 Reuse of industrial wastewater for the irrigation of ornamental plants
R. Gori, C. Lubello, F. Ferrini, F. P. Nicese and E. Coppini
- 891 Urban versus regional – how public attitudes to recycled water differ in these contexts
A. C. Hurlimann
- 901 Evaluation of state variable interface between the Activated Sludge Models and Anaerobic Digestion Model no 1
H. Yasui, K. Komatsu, R. Goel, Y. Y. Li and T. Noike
- 909 An integrated wastewater reuse concept combining natural reclamation techniques, membrane filtration and metal oxide adsorption
A. Sperlich, X. Zheng, M. Ernst and M. Jekel
- 915 Inhibition of sulfide generation by dosing formaldehyde and its derivatives in sewage under anaerobic conditions
L. Zhang, L. Mendoza, M. Marzorati and W. Verstraete
- 921 Use of poly- β -hydroxy-butyrate as a slow-release electron donor for the microbial reductive dechlorination of TCE
F. Aulenta, M. Fuoco, A. Canosa, M. Petrangeli Papini and M. Majone
- 927 Use of nanofiltration for potable water from an aquifer recharged with wastewater
A. Aguilar, B. Jiménez, J. E. Becerril and L. P. Castro
- 935 The combined performance of UV light and chlorine during reclaimed water disinfection
M. Montemayor, A. Costan, F. Lucena, J. Jofre, J. Muñoz, E. Dalmau, R. Mujeriego and L. Sala
- 941 Framework for assessment of performance of soil aquifer treatment systems
S. K. Sharma, C. M. Harun and G. Amy
- 947 Bioassays and biomarkers for ecotoxicological assessment of reclaimed municipal wastewater
A. Kontana, C. A. Papadimitriou, P. Samaras, A. Zdragas and M. Yiangou
- 955 The use of ozone during advanced primary treatment of wastewater for its reuse in agriculture: an approach to enhance coagulation, disinfection and crop productivities
A. E. Campos-Reales-Pineda, M. T. Orta de Velásquez and M. N. Rojas-Valencia
- 963 Erratum