



Contents Volume 96

Publisher's note	v
Part A: Risk Assessment and Management	
Relationship of chlorine decay and THMs formation to NOM size D. Gang, T.E. Clevenger and S.K. Banerji (Columbia, MO, USA)	1
Part B: Environmental Technologies	
Solubilization and mineralization of polycyclic aromatic hydrocarbons by <i>Pseudomonas putida</i> in the presence of surfactant R.-a. Doong and W.-g. Lei (Hsinchu, Taiwan)	15
Chemical oxidation of chlorinated non-aqueous phase liquid by hydrogen peroxide in natural sand systems C.K.-J. Yeh, H.-M. Wu and T.-C. Chen (Pingtung, Taiwan)	29
Influence of raw materials and distillation equipment on the heavy metal content of waste from an alcoholic anis-type beverage A. Moutsatsou, E. Chalarakis and G. Zarangas (Zografou, Greece)	53
Degradation of perchloroethylene in cosolvent solutions by zero-valent iron C.J. Clark II (Gainesville, FL, USA), P.S.C. Rao (West Lafayette, IN, USA) and M.D. Annable (Gainesville, FL, USA)	65
Biological treatment of mixed industrial wastewaters in a fluidised bed reactor A. Ochieng (Edoret, Kenya), J.O. Odiyo (Thohoyandu, South Africa) and M. Mutsago (Cape Town, South Africa)	79
<i>Short communication</i>	
Sorption and permeability of gasoline hydrocarbons in organobentonite porous media J.A. Smith, S.L. Bartelt-Hunt and S.E. Burns (Charlottesville, VA, USA)	91
<i>Book reviews</i>	99
<i>Instructions to Authors</i>	103
Part A: Risk Assessment and Management	
Synthesis, characterization and thermal studies of 2-oxo-1,3,5-trinitro-1,3,5-triazacyclohexane (Keto-RDX or K-6) N. Sikder, N.R. Bulakh, A.K. Sikder and D.B. Sarwade (Pune, India)	109
Influence of heat transport mechanisms on transport classification by SADT-measurement as measured by the Dewar-method H. Fierz (Basel, Switzerland)	121
Assessment of the effectiveness of downward water sprays for mitigating gaseous chlorine releases in partially confined spaces J.P. Dimbour, D. Gilbert, A. Dandrieux and G. Dusserre (Ales, France)	127

Part B: Environmental Technologies

Electrokinetic remediation of clayey soils containing copper(II)-oxinate using humic acid as a surfactant A. Sawada (Hokkaido, Japan, Tokyo, Japan and Ibaraki, Japan), S. Tanaka (Hokkaido, Japan), M. Fukushima and K. Tatsumi (Ibaraki, Japan)	145
Purification of storage brines from the preservation of table olives Javier Benitez F., J.L. Acero and A.I. Leal (Badajoz, Spain)	155
Model of spills and fires from LNG and oil tankers J.A. Fay (Cambridge, MA, USA)	171
Experimental evaluation of LPG tank explosion hazards J. Stawczyk (Lodz, Poland)	189
Possible applications for municipal solid waste fly ash C. Ferreira (Lyngby, Denmark and Lisboa, Portugal), A. Ribeiro (Lisboa, Portugal) and L. Ottosen (Lyngby, Denmark)	201
A study on major inorganic ion composition of atmospheric aerosols at Tirupati P. Chandra Mouli (Tirupati, India), S. Venkata Mohan (Hyderabad, India) and S. Jayarama Reddy (Tirupati, India)	217
Environmental assessment of waste matrices contaminated with arsenic F. Sanchez, A.C. Garrabrants (Nashville, TN, USA), C. Vandecasteele (Heverlee, Belgium), P. Moszkowicz (Villeurbanne, France) and D.S. Kosson (Nashville, TN, USA)	229
Treatment of brines by combined Fenton's reagent-aerobic biodegradation. II. Process modelling F.J. Rivas, F.J. Beltrán, O. Gimeno and P. Alvarez (Badajoz, Spain)	259
Optimisation of Fenton's reagent usage as a pre-treatment for fermentation brines F.J. Rivas, F.J. Beltrán, O. Gimeno and P. Alvarez (Badajoz, Spain)	277
Simultaneous nitrification-denitrification in slow sand filters G. Nakhla (London, Canada) and S. Farooq (Doha, Qatar)	291
Hydrogen peroxide lifetime as an indicator of the efficiency of 3-chlorophenol Fenton's and Fenton-like oxidation in soils R. Baciocchi, M.R. Boni and L. D'Aprile (Rome, Italy)	305
Microbial stability evaluation of cement-based waste forms at different waste to cement ratio M.A. Idachaba (Jefferson City, MO, USA), K. Nyavor and N.O. Egiebor (Tuskegee, AL, USA)	331
<i>Book reviews</i>	341
<i>Author Index Volume 96</i>	347
<i>Subject Index Volume 96</i>	349
<i>Contents Volume 96</i>	351