

1999 Publications

Books and Monographs

Ashbolt, N.J., J. Bartram*, R. Calderon*, J.A. Cotruvo*, A.P. Dufour*, J. Fleisher*, W. Frick*, R.A. Gearheart*, N. Hearne*, A. Jenkins*, H. Jones*, D. Kay*, C.D. McGee*, L. Parker*, K. Pond*, G. Rees*, D. Rosenblatt*, H. Salas*, S. Schaub*, B. van Maele*, L. Almodovar*, R. Hoffmann* and M. Melvin^o (1999). Health-Based Monitoring of Recreational Waters: The Feasibility of a New Approach (The 'Annapolis Protocol'). Outcome of an expert consultation, Annapolis, USA Co-sponsored by USEPA. (Protection of the Human Environment. Water, Sanitation and Health Series, WHO/SDE/WSH/99.1). WHO, Geneva. 50 pages.

Lundie, S. (1999): Ökobilanzierung und Entscheidungstheorie -Praxisorientierte Productbewertung auf der Basis gesellschaftlicher Werthaltungen. Springer Verlag, Berlin, Germany.

Chapters in books

Aoustin, E.; +Schäfer, A.I. ; Fane, A.G. ; Waite, T.D. Effect of Humic Substances and Colloid Interactions on Ultrafiltration Behaviour, Euromembrane '99, Book of Abstracts, Volume 1, Lectures, I. Genné, R. Leysen, J. Schaep, C. Vandecasteele (Eds.), Leuven, Belgium, ISBN 90-5682-202-0, 75-76.

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Journal articles (refereed)

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+Aplin, R. and Waite, T.D. Comparison of three advanced oxidation processes for degradation of textile dyes. Water Science and Technology (submitted, November, 1999).

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+Feitz AJ, Waite TD, *Jones GJ, *Boyden BH and *Orr PT (1999) Photocatalytic degradation of the blue-green algal toxin Microcystin-LR in a natural organic-aqueous matrix. *Environmental Science and Technology*, 33, pp 243-249 (ISSN 0013-936X).

+Feitz, A.J, +Guan, J. and Waite, T.D. Size and structure effects on centrifugal dewatering of digested wastewater sludge. Water Science and Technology (submitted, July, 1999).

+Feitz, A.J., Waite, T.D., Boyden, B.H* and Jones, G.J.* Solar pilot-scale photocatalytic degradation of microcystin-LR, Journal of Advanced Oxidation Technologies (submitted, August 1999).

+Flood, J.A., N.J. Ashbolt and *P.C. Pollard (1999). Complementary independent molecular, radioisotopic and fluorogenic techniques to assess biofilm communities in two wastewater wetlands. *Wat. Sci. Tech.* 39(7):65-70.

+Schäfer, A.I., Fane, A.G. and Waite, T.D. Direct coagulation pretreatment in nanofiltration of waters rich in organic matter and calcium. *Water Science and Technology* (submitted, July, 1999)

Selomulya, C., Amal, R., Bushell, G. and Waite, T.D. Study of the effect of mixing on aggregation of latex particles by small angle light scattering. *Powder Technology* (submitted, December 1999).

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+Guan, J., Amal, R. and Waite, T. D. (1999). Structure of bacteriological assemblages: Measurement and application to process control. *Water* (Journal of the Australian Water and Wastewater Association) 26, 31-33 (ISSN 0301-0367).

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+Aplin, R., Waite, T.D. and +Feitz, A.J. (1999). Degradation of oxalate using Fenton's ($\text{Fe}^{2+}/\text{H}_2\text{O}_2$) and photo-Fenton's ($\text{UV}/\text{Fe}^{2+}/\text{H}_2\text{O}_2$) processes. Presented at Chemeca '99, Newcastle.

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+Schäfer, A.I., Fane, A.G. and Waite, T.D. (1999). Nanofiltration of natural organic matter (NOM): Precipitation and coagulation effects on fouling. ICOM 99, Toronto .

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+ Student, * author external to UNSW