2009 水環境制御研究室 研究業績一覧

○ 学術雑誌論文/Peer-reviewed papers

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(1) Kouji Tsuji, Masashi Fujita, and Hiroaki Furumai (2009) Acetate uptake efficiency of polyphosphate-accumulating organisms under exposure to surfactants, Water Science & Technology, Vol.60, No.11, pp.2775-2780.

(2) Weon Jae Kim, Satoshi Managaki, Hiroaki Furumai, and Fumiyuki Nakajima (2009) Diurnal fluctuation of indicator microorganisms and intestinal viruses in combined sewer system, Water Science & Technology, Vol.60, No.11, pp.2791-2801.

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(4) Kumar M, Furumai H, Kurisu F and Kasuga I (2009) Understanding the partitioning processes of mobile lead in soakaway sediments using sequential extraction and isotope analysis. Water Science and Technology, Vol.60, No.8, 2085-2091.

(5) Yoshiko Sakata, Futoshi Kurisu, Osami Yagi and Hiroaki Furumai (2009) Effects of sewage effluent recharge on the microbial community in a soil column model, Japanese Journal of Water Treatment Biology, Vol.45, No.2, pp.63-74.

(6) Michio Murakami, Makoto Fujita, Hiroaki Furumai, Ikuro Kasuga, and Futoshi Kurisu (2009) Sorption behavior of heavy metal species by soakway sediment receiving urban road runoff from residential and heavily trafficked areas, Journal of Hazardous Materials, Vol.164, No.2-3, pp.707-712.

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(2) Ikuro Kasuga (2009) Characterization of ammonia-oxidizing archaea associated with biological activated carbon used for advanced drinking water treatment, International Workshop on water and Wastewater Treatment. (23-25 Oct, National Cheng Kung University, Tainan, Taipei) [Oral]

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(15) Tomohiro Tobino, Futoshi Kurisu, Ikuro Kasuga, and Hiroaki Furumai (2009) Specificity and sensitivity of new isotope array method using random genomic fragment probes derived from a microbial community, Proceedings of the MSK's 50th Anniversary International Symposium on Microbiology, B112. (28-30 May, Jeju, Korea) [Poster]

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○ 受賞/Award

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