

**EDITORIAL**

**Progress Towards a New Journal**

Michael K. Stenstrom ..... 387

**RESEARCH PAPERS**

**Trickling Filter and Trickling Filter–Suspended Growth Process Design and Operation: A State-of-the-Art Review**

Glen T. Daigger, Joshua P. Boltz ..... 388

**Improving Thermal Dewatering Characteristics of Mechanically Dewatered Sludge: Response Surface Analysis of Combined Lime-Heat Treatment**

Tolga Tunçal ..... 405

**Temporal Evolution of Linear Alkylbenzene Sulfonates and Heavy Metals in Sludge from Wastewater Treatment Plant**

M. Villar, M. Callejón, P. Villar, R. Fernández-Torres, M. A. Bello, A. Guiraúm ..... 411

**Kinetics and Reaction Pathways of Formaldehyde Degradation Using the UV-Fenton Method**

Xiangxuan Liu, Jiantao Liang, Xuanjun Wang ..... 418

**Distribution and Mobilization of Pollutants in the Sediment of a Constructed Floating Wetland Used for Treatment of Combined Sewer Overflow Events**

Annelies M. K. Van de Moortel, Gijs Du Laing, Niels De Pauw, Filip M. G. Tack ..... 427

**Effect of Process Parameters on Greenhouse Gas Generation by Wastewater Treatment Plants**

L. Yerushalmi, M. Bani Shahabadi, F. Haghghat .. 440

**Characteristics Transformation of Humic Acid During Ozonation and Biofiltration Treatment Processes**

Yen-Hui Lin, Hsin-Jung Hsien ..... 450

**Effect of Anaerobic HRT on Biological Phosphorus Removal and the Enrichment of Phosphorus Accumulating Organisms**

Erik R. Coats, David L. Watkins, Cynthia K. Brinkman, Frank J. Loge ..... 461

**Bacterial Adhesion to Metal Oxide-Coated Surfaces in the Presence of Silicic Acid**

Seong-Jik Park, Song-Bae Kim ..... 470

**DISCUSSION**

***Of: The Capture and Destruction of Escherichia coli from Simulated Urban Runoff Using Conventional Bioretention Media and Iron Oxide-coated Sand, 82, 701–714 (2010)***

William P. Minervini ..... 477