

## TABLE OF CONTENTS

Volume 2 Number 3B

July 2013

**Adsorption Characteristics of Zinc ( $Zn^{2+}$ ) from Aqueous Solution by Natural Bentonite and Kaolin Clay Minerals: A Comparative Study**

T. K. Sen, C. Khoo.....1

**Effect of Combined Microwave-Ultrasonic Pretreatment on Anaerobic Biodegradability of Primary, Excess Activated and Mixed Sludge**

A. M. Yeneneh, T. K. Sen, S. Chong, H. M. Ang, A. Kayaalp.....7

**Oil Pollutants Degradation of Nano-MgO in Micro-Polluted Water**

M.-F. Zhu, C. Deng, H.-B. Su, X.-D. You, L. Zhu, P. Chen, Y.-H. Yuan.....12

**Silver Nanoparticle Adsorption to Soil and Water Treatment Residuals and Impact on Zebrafish in a Lab-scale Constructed Wetland**

A. Ebeling, V. Hartmann, A. Rockman, A. Armstrong, R. Balza, J. Erbe, D. Ebeling.....16

**Digital Interactive Kanban Advertisement System Using Face Recognition Methodology**

F.-Y. Cheng, C.-J. Chang, G.-J. Jong.....26