

## Table of Contents

Volume 11 Number 3

March 2019

**Comparison of Anolyte and Chlorine Dioxide for a Continuous Hot Water Disinfection in Nursing Home: A Two Years Legionnaires' Disease Prevention**

- M. Totaro, E. De Vita, S. Giorgi, S. Profeti, A. Porretta, A. Gallo, L. Frendo, B. Casini, P. Valentini, G. Privitera, A. Baggiani.....233

**Evaluation of Dissolved Organic Carbon Using Synchronized Fluorescence Emission Spectra and Unsupervised Method of Principal Component Analysis (PCA) and Independent Component Analysis (ICA)**

- T. C. Philippe, L. M. T. Marques, H. G. Knapik, J. C. R. de Azevedo, J. C. Pereira.....244

**Physico-Chemical and Microbiological Quality Assessment of Supply Water around Dhaka City, Bangladesh**

- M. Shamimuzzaman, R. H. Nayeem, N. Ara, M. M. Rahman, M. I. K. Jahid, M. N. Hasan.....280

**Remediation of Pulp and Paper Industry Effluent Using Electrocoagulation Process**

- D. Kumar, C. Sharma.....296

**Statistical and Geospatial Assessment of Groundwater Quality in the Megacity of Karachi**

- M. K. Khan, W. Ayoub, S. Saied, M. M. Hussain, S. S. Masood, A. Siddique, H. A. Khwaja.....311

**Swedish Experience and Excellence in Wastewater Treatment Demonstrated Especially in Phosphorus Removal**

- S. Morling.....333

**The Rate of Decline and Trend Line Analysis of Groundwater underneath Dhaka and Gazipur City**

- M. Parvin.....348

**Comparative Study on the Effects of Surface Area, Conduction Band and Valence Band Positions on the Photocatalytic Activity of  $ZnO-M_xO_y$  Heterostructures**

- M. B. Nayan, K. Jagadish, M. R. Abhilash, K. Namratha, S. Srikantaswamy.....357