

TABLE OF CONTENTS

Volume 3 Number 2A1

July 2013

Behavior of Heavy Metals during the Agro-Industrial Wastes Gasification

M. Echegaray, M. Costante, A. Saffe, C. Palacios, R. Rodriguez.....1

Distribution, Enrichment and Accumulation of Heavy Metals in Soil and *Trigonella foenum-graecum* L. (Fenugreek) after Fertigation with Paper Mill Effluent

V. Kumar, A. K. Chopra.....8

XRF Analysis of Heavy Metals for Surface Soil of Qarun Lake and Wadi El Rayan in Faiyum, Egypt

S. M. El-Bahi, A. T. Sroor, N. F. Arhoma, S. M. Darwish.....21

Equal Channel Angular Pressing of Al-SiC Composites Fabricated by Stir Casting

F. Shehata, N. ElMahallawy, M. Arab, M. Agwa.....26

Brassinosteroids and Plant Responses to Heavy Metal Stress. An Overview

M. N. Vázquez, Y. R. Guerrero, L. M. González, W. T. de la Noval.....34

Zinc and Chromium Load in Road Dust, Suspended Particulate Matter and Foliar Dust Deposits of Anand City, Gujarat

T. Bhattacharya, S. Chakraborty, D. Tuteja, M. Patel.....42

Apatite and Chitin Amendments Promote Microbial Activity and Augment Metal Removal in Marine Sediments

J. Kan, A. Obratsova, Y. B. Wang, J. Leather, K. G. Scheckel, K. H. Neilson, Y. M. Arias-Thode.....51

Comparative Study on Heavy Metals Biosorption by Different Types of Bacteria

E. Gelagutashvili.....62

Assessment of Heavy Metals Immobilization in Artificially Contaminated Soils Using Some Local Amendments

N. H. Abdel-Kader, R. R. Shahin, H. A. Khater.....68

Heavy Metal Contaminated Food Crops Irrigated with Wastewater in Peri Urban Areas, Zambia

E. M. Kapungwe.....77

The figure on the front cover is from the article published in Open Journal of Metal, 2013, Vol. 3, No. 2A1, pp. 26-33 by Farouk Shehata, *et al.*