

## TABLE OF CONTENTS

**Volume 1 Number 4**

**December 2011**

### **Effect of Core Material on Breaking Behavior of Self-Bursting Microcapsules**

- N. Tsuda, T. Ohtsubo, M. Fuji.....51

### **Pseudo Constants for Methyl Red Sorption: A Rate Study of Received and Derived Activated Carbon**

- A. U. Itodo, A. Abdulrahman, A. Usman, V. C. Ugboaja.....57

### **Cadmium Removal from Aqueous Solution by a Tunisian Smectitic Natural and Activated Clay: Thermodynamic Study**

- L. Khalfa, M. Bagane.....65

### **Effect of Protein Adsorption onto the Dissolution of Silicon-Substituted Hydroxyapatite**

- C. M. Botelho, R. Brooks, M. Kanitakahara, C. Ohtsuki, S. Best, M. A. Lopers, N. Rushton, W. Bonfield, J. D. Santo.....72

### **Yerba Mate Extract Encapsulation with Alginate and Chitosan Systems: Interactions between Active Compound Encapsulation Polymers**

- P. S. Anbinder, L. Deladino, A. S. Navarro, J. I. Amalvy, M. N. Martino.....80

---

The figure on the front cover is from the article published in Journal of Encapsulation and Adsorption Sciences, 2011, Vol. 1, No. 4, pp. 72-79 by Claudia Manuela Botelho, *et al.*