

# Table of Contents

<b>ICBEM 2014---Biotechnology and Environment Management</b>	
Antioxidant and Nitrite Scavenging Ability of Mugwort Extracted with Different Solvents	1
<i>Ko Eun Hwang, Dong Heon Song, Sung Jin Jang, and Cheon Jei Kim</i>	
Rare Earth Elements Determination in Rocky Shore Gastropod <i>Thais clavigera</i>	6
<i>Fuad Miskon Mohd, Fikriah Faudzi, Rahman Md. Mokhlesur and Kamaruzzaman Yunus</i>	
Recent Bio-utilization of <i>Jatropha curcas</i> Seed	11
<i>Thanyarat Phengnuam and Worapot Suntornsuk</i>	
Application of a New Topographic Index Considering Soil Properties to Simulate Rainfall Runoff Process in Arid and Semi-Arid Region of Northwestern China	18
<i>Lu Yi, Wanchang Zhang, Cai Deng</i>	
Scheduling a New Method for the Cultural Landscape Management as the Most Important Part of the World Heritage Conservation	24
<i>Aryan Amirkhani, Nina Almasifar</i>	
Studding Ecological Conditions of <i>Khamir</i> Port and Mangroves ( <i>Hara forests</i> ) to Analyze Future Sustainable Development of the Urban Region by Method of Classifying Competitive Neural Network (Iran, Persian Gulf)	33
<i>Ryhaneh Esmaeili</i>	
Novel Closed System Extraction of Essential Oil: Impact on Yield and Physical Characterization	42
<i>Muhammad Syarhabil Ahmad, Dalila Nasshorudin and Awang Soh Mamat</i>	
<b>ICAFS 2014---Advances in Food Sciences</b>	
Effects on Physical and Functional Properties of Dried Whole Eggs of Cassava ( <i>Manihot Esculenta Crantz</i> ) Starch Additive and Corn Syrup Additive	47
<i>Joanna Tess Masilungan-Manuel, Christa Loraine G. Sino, Aiza V. Jarin and Flordeliza C. De Vera</i>	
Structure Formation in Food Systems Based on Agar-Agar and Melon Pulp	52
<i>Tazhibayeva S., Tanybayeva A., Musabekov K., Tusupova B. and Zhumabayeva A.</i>	
The Differences of Using Electrical and Mechanical Oven to the Quality Characteristics of Liquid Smoked Milkfish ( <i>Chanos chanos</i> Forsk)	57
<i>Fronthea Swastawati, Herry Boesono S and Dian Wijayanto</i>	
Chromium (Cr) Content in Green Mussels ( <i>Pernaviridis Linnaeus</i> ):Case Study at 10 Markets in Semarang City, Central Java, Indonesia	62
<i>Nanik Heru Suprapti, Azis Nur Bambang and Fronthea Swastawati</i>	
Effects of some Drying Methods on Nutritional Characteristics of Moringa ( <i>Moringa Oleifera</i> ) Seeds.	66
<i>Ademola K. Aremu and Akintunde Akintola</i>	
Characterization of S-layer Proteins Synthesized under Stress Conditions in a Probiotic Strain of Lactic Acid Bacteria	72

*Marzieh Hosseini Nezhad, Margaret L. Britz*

Optimization of *Gymnemic acid* production with anti-diabetic studies and regeneration of Langerhans cells from *Gymnema sylvestre* 77

*Bakrudeen Ali Ahmed Abdul, Rao, M.V, Rao, A.S, Rosna Mat Taha*

Author Index 83