

International Journal of Bioscience, Biochemistry and Bioinformatics

CONTENTS

Volume 3, Number 6, November 2013

- Apoptosis Induction Effect of Three Jujube Cultivars in HepG2 and Jurkat Cell Lines.....540
Natthanan Taechakulwanijya, Natthida Weerapreeyakul, Sahapat Barusrux, and Sirithorn Siriamornpun
- Computer Based Performance Evaluation of Segmentation Methods for Chest X-Ray Image.....545
Manoj R. Tarambale and Nitin S. Lingayat
- Determination of Optimal Pile Dimensions during Thermophilic Windrow Composting of Municipal Solid Waste (Msw) in Sri Lanka.....552
C. Malwana, T. K. Weerasinghe, and S. Pilapitiya
- Cloning and Expression of the *Human Extracellular Superoxide Dismutase (EC-SOD)* Gene in Probiotic *Lactobacillus Casei*.....557
Chuan-Mu Chen, Zi-Lun Lai, Chih-Ching Yen, Miao-Ling Wang, and Hsiao-Ling Chen
- Prevention of Contrast Medium Induced Nephropathy by Liposome Encapsulation.....562
Gi-Da Lee, Jyn-Wen Chai, Li-Che Hu, Pei-Hsuan Lu, and Kuo-Chih Liao
- Detecting Congestive Heart Rate Variability Failure Using Pointcaré Trend Analysis Plot.....566
Hoang Chu Duc, Hung Pham Manh, Thuan Nguyen Duc, and Dung Nguyen Viet
- Needle Deflection Studies for Optimal Insertion Modeling.....570
Ka Wei Ng, Jin Quan Goh, Soo Leong Foo, Poh Hua Ting, Teck Kheng Lee, Kesavan Esuvaranathan, Qing Hui Wu, and Edmund Chiong
- A Whitening Filtering Approach for the Detection of Abnormal Intra-QRS Potentials in Signal-Averaged Electrocardiograms.....575
Chun-Cheng Lin
- Biodegradation of Wastewater Oil Pollutants, Identification and Characterization: A Case Study – Galing River, Kuantan Pahang, Malaysia.....579
Mupit Datusahlan, W. M. F. Wan Ishak, and Essam A. Makky
- Acyl-CoA Binding Protein (ACBP) Encoding Gene the Relationship Between Expression Analysis and Different Conditions in *Onychostoma Macrolepis*.....583
Xiaofei Yang, Shaogang Xu, Wentong Li, Shiquan Ma, and Guiqiang Yang
- Hardware Simulator for Seizure, Preseizure and Normal Mode Signal Generation in LabVIEW Environment for Research.....588
Uvais Qidwai, Aamir Saeed Malik, Mohamed Shakir, and Nidal Kamel
- Fuzzy Entropy and Similarity Measures for Water Quality Assessment.....593
Xiaojing Wang, Zhihong Zou, and Tianyi Fu

Role of Biosurfactant Produced By <i>Fusarium sp.</i> BS-8 in Enhanced Oil Recovery (EOR) Through Sand Pack Column.....	598
<i>Muneer Ahmed Qazi, Mishal Subhan, Nighat Fatima, Muhammad Ishtiaq Ali, and Safia Ahmed</i>	
Extended Spectrum Beta-Lactamase Producing Bacteria in Waste Water Alexandria, Egypt.....	605
<i>Amira Ezzat Khamis Amine</i>	
Growth of Chrysanthemum Explants on MS Medium Sterilized by Disinfectants and Essential Oils.....	609
<i>Wittaya Deenin, Chockpisit Thepsithar, Aree Thongpukdee, and Suppaya Tippornwong</i>	
A Model of Organization Knowledge Management Maturity.....	614
<i>Kittipong Tissayakorn, Fumio Akagi, and Yu Song</i>	
Dimorphic Goat Amelogenin Alleles on Sex Chromosomes for Gender Determination of Preimplantation Embryos.....	619
<i>Hsiao-Ling Chen, Tung-Chou Tsai, Jan-Chi Huang, De-Chi Wang, and Chuan-Mu Chen</i>	
A Computer Based Feature Extraction of Lung Nodule in Chest X-Ray Image.....	624
<i>Nitin S. Lingayat and Manoj R. Tarambale</i>	
Do Dermis-Derived Stem Cells Have the Same Characteristics as Bone Marrow-and Adipose Tissue-Derived Stem Cells?.....	630
<i>M. Bohac, S. Polak, J. Fedels, Z. Varchulova Novakova, J. Rusnakova, and L. Danisovic</i>	
Comparison by Simultaneous Measurement of Lens Accommodation and Convergence in 3D Vision and Their Distributions.....	635
<i>T. Kojima, Y. Matsuura, M. Miyao, T. Shiomi, and H. Takada</i>	
Computational Modeling of Peptide – Aptamer Binding in Biosensor Applications.....	639
<i>Kristen L. Rhinehardt, Ram V. Mohan, Goundla Srinivas, and Ajit D. Kelkar</i>	
New Photocatalyst LiNbO ₃ for Corrosion Reducing and Environment Friendly Sustainable Concrete Construction.....	643
<i>Ranjit K. Nath, M. F. M. Zain, and Abdul Amir H. Kadhum</i>	
Transmission Loss Computed of Star Topology Sensor Network Base on DT, RED and SFQ Buffer Mechanism for Overseeing High Rise Building Structural Health.....	646
<i>M. E. Haque, M. F. M. Zain, M. A. Hannan, M. Jamil, and Mohd Huzairi Johari</i>	
Working Range Assessment for Interventional Guidance Using Two Electromagnetic Sensors.....	650
<i>Chia-Hsiang Wu, Mei Yun Su, Cheng-Chien Chang, and Ting-Sheng Lin</i>	
The Potential of Rice Bran and Chito-Oligosaccharide as Natural Prebiotic on Traditional Tempe in Indonesia.....	654
<i>Agnes Sri Harti, Anis Nurhidayati, and Desy Handayani</i>	
A Review of the Accumulation and Distribution of Persistent Organic Pollutants in the Environment.....	657
<i>Jolly Jacob</i>	
Diagnosis of Heart Valve Disorders through Trapezoidal Features and Hybrid Classifier.....	662
<i>Fatemeh Safara, Shyamala Doraisamy, Azreen Azman, Azrul Jantan, and Sri Ranga</i>	