

International Journal of Future Computer and Communication

CONTENTS

Volume 4, Number 3, June 2015

• Communication and Information System

Evaluation of the Energy Impact on Indoor Small Cells and Backhaul.....	152
<i>Albert Richard Moraes Lopes, Fabrício S. Farias, and João Crisóstomo Weyl Albuquerque Costa</i>	
An Overview of Performance Enhancement of FHMIPv6 on Wireless Mesh Network.....	160
<i>Sashikumar Muthut, Bi-Lynn Ong, Nik Adilah Hanin Zahri, and R. Badlishah Ahmad</i>	
Efficient Sequence Comparison Using Binary Codes.....	165
<i>Hossein Kamel Rahimi and David Poxon</i>	
An Energy Efficiency Assessment for Indoor Small Cells Using Copper-Based Backhaul.....	170
<i>Albert Richard Moraes Lopes, Fabrício S. Farias, and João Crisóstomo Weyl Albuquerque Costa</i>	
Efficient Multi-path Routing Protocols in Wireless Sensor Networks.....	175
<i>Si-Gwan Kim</i>	
Enhanced Timing-Sync Protocol for Sensor Networks.....	179
<i>Shi Kyu Bae</i>	
MSE and Tracking of Channel Estimation Based on DD-EW-RLS for Indoor and Outdoor Environment in MIMO-OFDM.....	184
<i>Suzi Seroja Sarnin and Siti Maisurah Sulong</i>	

• Computer and Information Sciences

Automated Design in the Cloud.....	188
<i>Georgios Andreadis, Konstantinos-Dionysios Bouzakis, Athina Vakali, and Konstantinos Stamos</i>	
Statistical Analysis for Swarm Intelligence — Simplified.....	193
<i>Nor Azlina Ab. Aziz, Marizan Mubin, Zuwairie Ibrahim, and Sophan Wahyudi Nawawi</i>	
A Comparative Study of Multi-SOM Algorithms for Determining the Optimal Number of Clusters.....	198
<i>I. Khancouch, M. Charrad, and M. Limam</i>	
Toward a New HDFS Functionalities Using a Probabilistic Distributed Algorithm.....	203
<i>Ismail Hind and Ali Dahmani</i>	
Real-Time Monitoring of Patients with Coronary Artery Disease.....	207
<i>Ahmed F. Otoom, Ahmed Kefaye, Mohammad Ashour, Yousef Shanti, and Mohammad Al-Majali</i>	
Character Image Semantic-Based CAPTCHA.....	211
<i>Aziz Barbar and Anis Ismail</i>	
A Real Time Visual Exploratory Search Engine for Information Retrieval in a Cloud.....	216

Mohammed Najah Mahdi, Abdul Rahim Ahmad, and Roslan Ismail