

Journal of Advances in Information Technology

CONTENTS

Volume 7, Number 4, November 2016

Computer Information Technology and Application

Provision of Information Communication Technology in National Libraries of ASEAN Countries220

Xia Lixin and Kay Thi Aye

Business Process Improvement Using Adjustable Parameters on Simulation—A Case Study in Restaurant

Business232

Salinthip Somphanpae and Somjai Boonsiri

A Study of the Factors Affecting the Purchase Intention on Mobile Game Apps.....239

Hsin-Ke Lu, Peng-Chun Lin, and Yi-Chen Lin

Determinants and Impact of Cloud Computing Implementation in the Public Sector245

Hasimi Sallehudin, Razli Che Razak, and Mohammad Ismail

Conceptualizing IS Sustainability Benefits in Transforming Government Services252

Siti Istianah Mahdzur and Juhana Salim

An Application of the Design Science Research Theoretical Framework and Methodology in the Construction of an Approach for Designing Applications in 3D Virtual Worlds259

William Sawyerr

A Co-word Analysis of Think Tank Field in China264

Yang Li and GangLi

Automatic Generation of Printed Representations of Ecuadorian Electronic Invoices through XML Data

Binding271

Rolando P. Rodriguez-Cruz, Maria S. Avila-Garcia, and Maria F. Hernandez-Luquin

Service Information Application for Elderly People276

Ren-Liu Jang and Huei-Wen Chen

Biological Information Technology

Using Frequent Substring Mining Techniques for Indexing Genome Sequences: A Comparison of Frequent Substring and Frequent Max Substring Algorithms281

Todsanai Chumwatana

Band Selection for Palmprint Recognition287

Junwen Sun, Waleed Abdulla, Weiming Wang, Qiong Wang, and Hai Zhang

Urban Planning and Development

Tensor Locality Preserving Projections based Urban Building Areas Extraction from High-Resolution SAR

Images291

Bo Cheng, Shiai Cui, and Ting Li

Utilization of Remote Sensing and GIS to Examine Urban Growth in the City of Riyadh, Saudi Arabia.....297

Nadim A. Jamali and Muhammad T. Rahman

Efficient Big Data Analytics and Management through the Usage of Cloud Architecture.....302
Suryakanthi Tangirala