International Journal of Information and Education Technology

CONTENTS

Volume 8, Number 7, July 2018

Big Data Preventive Maintenance for Hard Disk Failure Detection……...471
Chuan-Jun Su and Jorge A. Quan Yon

Local Sequence Alignment for Scan Path Similarity Assessment……..……482
Asma Ben Khedher, Imène Jraidi, and Claude Frasson

Decision Support Model for Managing Academic Workload in State Universities and Colleges.....491
Lorna T. Soriano, Joni Neil B. Capucao, and Thelma D. Palaoag

Interactive Mobile Learning for Self-directed Learning of English Language: A Case Study of a Primary School in Hong Kong.....496
Wilton. W. T. Fok, K. W. Lam, and Prajna. C. W. Ho

Increasing Engagement of Underrepresented Groups Using a Novel Mathematics Communication Tool.....502
Marco Pollanen, Sohee Kang, and Bruce Cater

Open Educational Resources and University Social Responsibility Practices among Thailand's Higher Education Institutional Management…….....506
Shu-Hsiang Chen, Jaitip Nasongkhla, and J. Ana Donaldson

The Educational Potentialities of the Virtual Learning Environments Moodle and Canvas: A Comparative Study.....514
Márcia Gorett Ribeiro Grossi, Michelle Cristina Almeida de Souza Elias, Camila Macedo Chamon, and Débora Cristina Cordeiro Campos Leal

Factors Affecting the International Students Success in a First-Year Mathematics Courses at ZUST..…….520
Humphrey Manhamo, Atsou Komla Herve Agbemenou, Shuhui Wu, and Jianhua Wei

Analysis of Learners' Interactive Behaviours in Online Forum.....525
Dan Xia, Huirong Ke, Yuan Tian, Qiusha Min, and Zhifeng Wang

Teacher's Supporting Behavior in Kindergarten Painting Teaching — Based on the Perspective of Children's Approaches to Learning.....529
Weimin Zhang and Fen Chen

Reconstruction and Practice of Teaching System of Environmental Engineering Specialty under the Background of Engineering Education Accreditation…….....533
Shuaijie Wang, Ying Liu, Yandi Rao, Yao Guan, and Siru Chen