

# Contents

## Technology-Enabled Learning

Technology-Mediated Learning: Status and Challenges in Perspective . . . . .	3
<i>Kam Cheong Li</i>	
Unpacking the Digital Backpack for the Adult Learner – A Universal Design for Learning Approach . . . . .	10
<i>Sylvia Chong</i>	
Utilization of COCA by Japanese Students. . . . .	23
<i>Yoko Hirata and Yoshihiro Hirata</i>	
Electronic Chinese Learning Materials for Ethnic Minority Students . . . . .	32
<i>Madeleine Tsoi, Kat Leung, and Man-Koon Ho</i>	
Blended Learning: A Case Study of Korean Language Course . . . . .	42
<i>Edwin Chan Chiu Wai, Norris Lau Ka Yin, Jimmy Yau Kwok Chau, and Shirley Huang Mei Yee</i>	

## Mobile Learning and Ubiquitous Learning

Students' Typical Usage of Mobile Devices in Learning Activities . . . . .	63
<i>Simon K.S. Cheung</i>	
Wearables in Education: Expectations and Disappointments . . . . .	73
<i>Daniyar Sapargaliyev</i>	
A Novel Mobile Application for Training Oral Presentation Delivery Skills. . . . .	79
<i>Andrew Kwok-Fai Lui, Sin-Chun Ng, and Wing-Wah Wong</i>	
FluteKit - A Mobile Learning Application for Beginners to Train Rhythmic Skills and Learn Flute Fundamentals . . . . .	90
<i>Sin-Chun Ng, Andrew Kwok-Fai Lui, and Cheuk Hei Cheng</i>	
Easy-to-Learn Piano: A Mobile Application for Learning Basic Music Theory and Piano Skill . . . . .	103
<i>S.C. Ng, Andrew K.F. Lui, and Alvin C.H. Kwok</i>	
A Bandwidth Saving Mobile Application for e-Learning . . . . .	113
<i>Jeff K.T. Tang, Chor-Yi Leung, Yuen-Kwan Chan, and Chun-Kit Lam</i>	

**Open Learning and Online Learning**

A Big Data Framework for Early Identification of Dropout Students  
in MOOC ..... 127  
*Jeff K.T. Tang, Haoren Xie, and Tak-Lam Wong*

Do Massive Open Online Courses Offer a Viable Solution  
for Essential Problems in Higher Education? ..... 133  
*Ali Simsek*

An Attempt to a Reconstruction of HSK Chinese-English Dictionary:  
A Search for Self-study of Mandarin Chinese ..... 143  
*Jette C.H. Tsoi, John C.T. Chow, and David W.K. Chu*

A Study on Use and Acceptance of Book Apps among College Students  
in a University ..... 152  
*Yang Li, Shan Wang, and Wenge Guo*

The Analysis of the Application of Cloud Computing in the Field  
of Basic Education ..... 161  
*Xiaoling Wang and Qiong Cai*

**Institutional Strategies, Policies and Practices**

A Review of Learning Analytics in Educational Research ..... 173  
*Kam Cheong Li, Hoi Kuan Lam, and Sylvia Siu-Yin Lam*

A Preliminary Study on the Impact of Availability of e-Resources  
on Part-time Teachers' Job Satisfaction in Hong Kong  
Self-finance Institutions ..... 185  
*Kwan Keung Ng, Ching Hong Luk, and Wai Ming Lam*

The Impacts on Learning via Social Media: A Study on Post-secondary  
Students in Hong Kong ..... 195  
*Jeff K.T. Tang, Ho-Nam Yau, Shue-Fung Wong, and Sin-Ki Wong*

Comparative Study on Heterogeneous Profiling Sources for Second  
Language Learners ..... 209  
*Di Zou, Haoran Xie, Fu Lee Wang, Tak-Lam Wong, Chung Keung Poon,  
and Wai-Shing Ho*

A Comparative Analysis on National Quality Courses  
of Educational Technology ..... 219  
*Chen Wu and Tian Yanfei*

**Learning Platforms and Advising Systems**

An Experience Sharing on e-Learning Platform Upgrade . . . . .	233
<i>Janny C.C. Ng, Sze-Wing Leung, Dickson T.S. Chan, Hades C.F. Tam, Benz C.L. Sze, and Ray K.C. Wong</i>	
Automated Grading of Short Literal Comprehension Questions . . . . .	251
<i>Andrew Kwok-Fai Lui, Lap-Kei Lee, and Hiu-Wai Lau</i>	
Applying the Semantic Graph Approach to Automatic Essay Scoring . . . . .	263
<i>Chak Shing Lo, Oliver Au, and Bruce Kwong Bun Tong</i>	
Use of Instant Messaging Communication in Tutoring Undergraduate Students . . . . .	276
<i>Francis Yue</i>	
A Teachers' Survey on the Effectiveness of e-Learning Platform in a Higher Education Institution . . . . .	284
<i>Wai-Shing Ho, Anna Ng, Kat Leung, Fu Lee Wang, and Leung-Pun Wong</i>	
<b>Author Index</b> . . . . .	293