

# Table of Contents

## International Journal of Distance Education Technologies

Volume 18 • Issue 3 • July-September-2020 • ISSN: 1539-3100 • eISSN: 1539-3119

### Research Articles

- 1      **Using a Game-Based Mobile App to Enhance Vocabulary Acquisition for English Language Learners**  
Fang-Chuan Ou Yang, Providence University, Taichung, Taiwan  
Wen-Chi Vivian Wu, Asia University, Taichung, Taiwan  
Yi-Ju Ariel Wu, Chinese Culture University, Taipei, Taiwan
- 25     **The Study of Intention to Learn in Game-Based Learning With a Smartphone**  
I-Fan Liu, Center for General Education, Taipei Medical University, Taiwan
- 42     **Effect of Online-Based Concept Map on Student Engagement and Learning Outcome**  
Izzul Fatawi, State University of Malang, Malang, Indonesia  
I Nyoman Sudana Degeng, State University of Malang, Malang, Indonesia  
Punaji Setyosari, State University of Malang, Malang, Indonesia  
Saida Ulfa, State University of Malang, Malang, Indonesia  
Tsukasa Hirashima, Department of Information Engineering, Hiroshima University, Higashihiroshima, Japan
- 57     **Real-Time Data Logging and Online Curve Fitting Using Raspberry Pi in Physics Laboratories**  
Wing-Kwong Wong, Department of Electronic Engineering, National Yunlin University of Science and Technology, Douliu, Taiwan  
Kai-Ping Chen, Department of Electronic Engineering, National Yunlin University of Science and Technology, Douliu, Taiwan  
Jia-Wei Lin, Department of Electronic Engineering, National Yunlin University of Science and Technology, Douliu, Taiwan
- 78     **Closing the Experiential Learning Loops Using Learning Analytics Cycle: Towards Authentic Experience Sharing for Vocabulary Learning**  
Mohammad Nehal Hasnine, Tokyo University of Agriculture and Technology, Fuchu, Japan  
Hiroaki Ogata, Kyoto University, Kyoto, Japan  
Gökhan Akçapınar, Hacettepe University, Ankara, Turkey  
Kousuke Mouri, Tokyo University of Agriculture and Technology, Fuchu, Japan  
Keiichi Kaneko, Tokyo University of Agriculture and Technology, Fuchu, Japan

### COPYRIGHT

The *International Journal of Distance Education Technologies (IJDET)* (ISSN 1539-3100; eISSN 1539-3119), Copyright © 2020 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The *International Journal of Distance Education Technologies* is indexed or listed in the following: ABI/Inform; ACM Digital Library; Aluminium Industry Abstracts; Australian Education Index; Bacon's Media Directory; Burrelle's Media Directory; Cabell's Directories; Ceramic Abstracts; Compendex (Elsevier Engineering Index); Computer & Information Systems Abstracts; Corrosion Abstracts; CSA Civil Engineering Abstracts; CSA Illumina; CSA Mechanical & Transportation Engineering Abstracts; DBLP; DEST Register of Refereed Journals; EBSCOhost's Academic Search; EBSCOhost's Academic Source; EBSCOhost's Business Source; EBSCOhost's Computer Source; EBSCOhost's Current Abstracts; EBSCOhost's Science & Technology Collection; Electronics & Communications Abstracts; Engineered Materials Abstracts; ERIC – Education Resources Information Center; GetCited; Google Scholar; INSPEC; JournalTOCs; KnowledgeBoard; LearnTechLib; Library & Information Science Abstracts (LISA); Materials Business File - Steels Alerts; MediaFinder; Norwegian Social Science Data Services (NSD); PsycINFO®; PubList.com; SCOPUS; Solid State & Superconductivity Abstracts; The Index of Information Systems Journals; The Standard Periodical Directory; Ulrich's Periodicals Directory; Web of Science; Web of Science Emerging Sources Citation Index (ESCI)