

# Table of Contents

## International Journal of Web-Based Learning and Teaching Technologies

Volume 14 • Issue 1 • January-March-2019 • ISSN: 1548-1093 • eISSN: 1548-1107

*An official publication of the Information Resources Management Association*

### Research Articles

- 1 **Designing Purposeful Student Interactions to Advance Synchronous Learning Experiences**  
Courtney K. Baker, George Mason University, Fairfax, USA  
Margret Hjalmarson, George Mason University, Fairfax, USA
- 17 **Correlating Formal Assessment with Social Network Activity within a Personal Learning Environment**  
Eleni Koulocheri, Hellenic Open University, Patras, Greece  
Michalis Xenos, University of Patras, Patras, Greece
- 32 **Web-Based Learning and Development of University's Electronic Informational Educational Environment**  
Vardan Mkrttchian, HHH University, North Ryde, Australia  
Igor Krevskiy, Penza State University, Penza, Russia  
Alexander Bershadsky, Penza State University, Penza, Russia  
Tatiana Glotova, Penza State University, Penza, Russia  
Leyla Gamidullaeva, Penza State University, Penza, Russia  
Sergey Vasin, Penza State University, Penza, Russia
- 54 **National ETD Repository Evaluation Using Web Analyzer: A Webometric Analysis of Shodhganga, India**  
Rupak Chakravarty, Panjab University, Chandigarh, India
- 69 **Automated Test Paper Generation Using Utility Based Agent and Shuffling Algorithm**  
Sahar Abd El, Electrical Engineering Department, Benha University, Cairo, Egypt & Princess Nourah Bint Abdulrahman University, Riyadh, Saudi Arabia  
Ali Hussein Zolait, University of Bahrain, Sakhir, Bahrain
- 84 **UAE Undergraduate Student Digital Etiquette and Belief-Oriented Technology USE: An Exploratory Survey**  
Enas Said Ali Abulibdeh, Al Ain University of Science and Technology, Al Ain, United Arab Emirates
- 93 **Understanding MOOC Learners: Insights from Participation in Coursera MOOC**  
Robab Saadatdoost, Department of Computer and Information Technology, Islamic Azad University, Parand, Iran  
Hosein Jafarkarimi, Department of Information Systems, Universiti Teknologi, Malaysia  
Alex Tze Hiang Sim, Universiti Teknologi Malaysia, Johor Bahru, Malaysia  
Jee Mei Hee, Universiti Teknologi Malaysia, Johor Bahru, Malaysia

### COPYRIGHT

The *International Journal of Web-Based Learning and Teaching Technologies (IJWLTT)* (ISSN 1548-1093; eISSN 1548-1107), Copyright © 2019 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 Web-Based Learning and Teaching Technologies* is indexed or listed in the following:  
ACM Digital Library; Applied Social Sciences Index & Abstracts (ASSIA); Bacon's Media Directory; Burrelle's Media Directory; Cabell's Directories; CSA Illumina; DBLP; ERIC – Education Resources Information Center; Gale Directory of Publications & Broadcast Media; GetCited; Google Scholar; INSPEC; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder; Norwegian Social Science Data Services (NSD); PsycINFO®; SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; Ulrich's Periodicals Directory