

Table of Contents

International Journal of Sociotechnology and Knowledge Development

Volume 13 • Issue 1 • January-March-2021 • ISSN: 1941-6253 • eISSN: 1941-6261

RESEARCH ARTICLES

- 1 **Pre-Processed Tweets for Secure Capital Market Analysis Using Cloud**
Sangeeta Gupta, Chaitanya Bharathi Institute of Technology, Hyderabad, India
Rajanikanth Aluvalu, Vardhaman College of Engineering, India
- 8 **Understanding Rural Supply Chain Resilience: A Synthesis From the Literature**
Linh Nguyen Khanh Duong, University of Lincoln, UK
Michael Wang, Higher Colleges of Technology, Abu Dhabi, UAE
Robert I. Radics, Lincoln University, New Zealand
- 22 **Entrepreneurial Leadership and Its Impact on Strategic Ambidexterity: The Mediating Role of Knowledge Sharing**
Salem A. Al-Heneiti, Middle East University, Amman, Jordan
Hani Jaza'a Irtaimeh, World Islamic Sciences and Education University, Amman, Jordan
- 38 **Recommendation of Pesticide for Roof Top Pest Image Using Convolutional Neural Network Model**
Elangovan Ramanujam, Department of Information Technology, Thiagarajar College of Engineering, Madurai, India
S. Padmavathi, Department of Information Technology, Thiagarajar College of Engineering, Madurai, India
Nashwa Ahmad Kamal, Cairo University, Egypt
- 52 **Hybrid High-Performance Computing Algorithm for Gene Regulatory Network**
Dina Elsayad, Faculty of Computer and Information Sciences, Ain Shams University, Egypt
Safawat Hamad, Ain Shams University, Egypt
Howida Abd-Alfatah Shedeed, Faculty of Computer and Information Sciences, Ain Shams University, Egypt
Mohamed Fahmy Tolba, Faculty of Computer and Information Sciences, Ain Shams University, Egypt
- 65 **The Role of Information Technology in Managing the Conflicts of Long-Distance Partners: The Case of Filipino Migrant Workers**
Gremil Alessandro Alcazar Naz, Bicol University, Philippines
- 79 **Knowledge Properties and Social Capital in Knowledge Creation Performance in Taiwan's Manufacturing and Service Industries: Effects of Goal-Predefined**
Shu-Chen Kao, Kun Shan University, Taiwan
Chien-Hsing Wu, National University of Kaohsiung, Taiwan
- 101 **The Moderated Mediation of Behavioral Intention on Knowledge Management Systems**
Iman Akour, University of Sharjah, UAE
Azza Obayssi, University of Sharjah, UAE
Mohamed Albaity, University of Sharjah, UAE
Yaser Zeidan, Abu Dhabi University, UAE
- 121 **The Impact of Knowledge Sharing Towards Higher Education Performance in Research Productivity**
Hilmi Aulawi, Sekolah Tinggi Teknologi Garut, Indonesia
- 133 **Effect of COVID-19 Quarantine Period on a Married Woman With Special Reference to a TIER-II Selected City in India**
Elangovan Ramanujam, Thiagarajar College of Engineering, India
R. Sundareswaran, Department of Commerce, The American College, Madurai, India
R. Suganya, Department of Information Technology, Thiagarajar College of Engineering, Madurai, India
Nashwa A. Kamal, Faculty of Engineering, Cairo University, Egypt

Copyright

The **International Journal of Sociotechnology and Knowledge Development (IJSKD)** (ISSN 1941-6253; eISSN 1941-6261), Copyright © 2021 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 Sociotechnology and Knowledge Development* is indexed or listed in the following: Bacon's Media Directory; Cabell's Directories; DBLP; GetCited; Google Scholar; INSPEC; JournalTOCs; MediaFinder; SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; UGC-CARE List (India); Ulrich's Periodicals Directory