Table of Contents

International Journal of E-Health and Medical Communications

Volume 11 • Issue 3 • July-September-2020 • ISSN: 1947-315X • eISSN: 1947-3168

GUEST EDITORIAL PREFACE

Special issue on Security and Privacy in Healthcare 4.0 International Journal of E-Health and Medical Communications (IJEHMC) Sudeep Tanwar, Nirma University, Ahmedabad, India Avimanyou Kumar Vatsa, Fairleigh Dickinson University, USA Baseem Khan, Hawassa Institute of Technology, Hawassa University, Awasa, Ethiopia Sudhanshu Tyagi, Thapar Institute of Engineering and Technology, Patiala, India Mayank Singh, Krishna Engineering College, Ghaziabad, India

RESEARCH ARTICLES

1 A Survey on Fatigue Detection of Workers Using Machine Learning

Nisha Yadav, JSS Academy of Technical Education, Noida, India Kakoli Banerjee, JSS Academy of Technical Education, Noida, India Vikram Bali, JSS Academy of Technical Education, Noida, India

9 Real-Time Mobile-Phone-Aided Melanoma Skin Lesion Detection Using Triangulation Technique

Kumud Tiwari, Amity University, Lucknow, India Sachin Kumar, Amity University, Lucknow, India

R. K. Tiwari, Department of Physics and Electronics, Dr. RML Avadh University, Faizabad, India

32 A Rule-Based Monitoring System for Accurate Prediction of Diabetes Monitoring System for Diabetes

Anand Kumar Srivastava, ABES Engineering College, India Yugal Kumar, Jaypee University of Information Technology, India Pradeep Kumar Singh, Jaypee University of Information Technology, India

54 Monitoring laaS Cloud for Healthcare Systems Healthcare Information Management and Cloud Resources Utilization

Vivek Kumar Prasad, Nirma University, India Madhuri D. Bhavsar, Nirma University, India

71 Brain Tumor Detection Based on Multilevel 2D Histogram Image Segmentation Using DEWO Optimization Algorithm

Sumit Kumar, Amity University, India Garima Vig, Amity University, India Sapna Varshney, University of Delhi, India Priti Bansal, Netaji Subhas University of Technology, India

86 Qualitative Analysis of 3D Routing Algorithms in 3×3×3 Mesh NoC Topology Under Varying Load in Bio-SoC

Nidhi Syal, Uttarakhand Technical University, Dehradun, India Vivek Kumar Sehgal, Jaypee University of Information Technology, India

Copyright

The International Journal of E-Health and Medical Communications (IJEHMC) (ISSN 1947-315X; elSSN 1947-3168), Copyright © 2021 IGI Global. From the journal's inception, January 1, 2010, to December 31, 2020, all rights, including translation into other languages is reserved by the publisher, unless otherwise stated in the article manuscript. As of January 1, 2021, this journal operates under the gold Open Access model, whereby all content published after this date is distributed under the terms of the Creative Commons Attribution 4.0 International (CC BY 4.0) License (http://creativecommons.org/licenses/by/4.0/) where copyright for the work remains solely with the author(s) of the article manuscript. 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 E-Health and Medical Communications is indexed or listed in the following: ACM Digital Library; Bacon's Media Directory; Cabell's Directories; DBLP; Google Scholar; INSPEC; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder; SCOPUS; The Standard Periodical Directory; Ulrich's Periodicals Directory; Web of Science; Web of Science Emerging Sources Citation Index (ESCI)