

International Journal of E-Health and Medical Communications

July-September 2015, Vol. 6, No. 3

Table of Contents

RESEARCH ARTICLES

- 1 **Text Mining Applied to Electronic Medical Records: A Literature Review**
Luis Pereira, School of Technology and Management, Polytechnic Institute of Leiria, Leiria, Portugal
Rui Rijo, School of Technology and Management, Polytechnic Institute of Leiria, Leiria, Portugal
Catarina Silva, School of Technology and Management, Polytechnic Institute of Leiria, Leiria, Portugal
Ricardo Martinho, School of Technology and Management, Polytechnic Institute of Leiria, Leiria, Portugal

- 19 **Improving Human Activity Recognition in Smart Homes**
M'Hamed Bilal Abidine, University of Sciences and Technology Houari Boumediene, Bab Ezzouar, Algeria
Lamya Fergani, University of Sciences and Technology Houari Boumediene, Bab Ezzouar, Algeria
Belkacem Fergani, University of Sciences and Technology Houari Boumediene, Bab Ezzouar, Algeria
Anthony Fleury, Mines Douai, URLA, Douai, France and University of Lille, Lille, France

- 38 **Node and Hub Data Gathering Architectures for Healthcare Applications based on IEEE 802.15.6 Standard**
Hadda Ben Elhadj, University of Sfax and National School of Engineers of Sfax, Sfax, Tunisia
Lamia Chaari, National School of Engineers of Sfax, Sfax, Tunisia
Saadi Boudjit, Laboratoire L2TI, Université Paris 13, Villetaneuse, France
Lotfi Kamoun, National School of Engineers of Sfax, Sfax, Tunisia

- 63 **Tracking Future Path of Consumers' Empowerment in E-Health**
Muhammad Anshari, Universiti Brunei Darussalam, Continuing Education Centre and E-Government Innovation Centre, Brunei
Mohammad Nabil Almunawar, Universiti Brunei Darussalam, School of Business and Economics, Brunei

Copyright

The **International Journal of E-Health and Medical Communications (IJEHMC)** (ISSN 1947-315X; eISSN 1947-3168), Copyright © 2015 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 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