

Journal of Information Technology Research

April-June 2015, Vol. 8, No. 2

Table of Contents

ISSUE ON VISUAL ANALYTICS

EDITORIAL PREFACE

- iv *Francisco José García-Peñalvo, Computer Science Department, Research Institute for Educational Sciences, GRIAL Research Group, University of Salamanca, Salamanca, Spain*

RESEARCH ARTICLES

- 1 **Information Extraction in the Medical Domain**
Aicha Ghoulam, Department of Computer Science, University of Oran 1, Ahmed Ben Bella, Oran, Algeria
Fatiha Barigou, Department of Computer Science, University of Oran 1, Ahmed Ben Bella, Oran, Algeria
Ghalem Belalem, Department of Computer Science, University of Oran 1, Ahmed Ben Bella, Oran, Algeria
- 16 **An Evolutionary Approach for Balancing Effectiveness and Representation Level in Gene Selection**
Nicoletta Dessì, Department of Mathematics and Computer Science, Università degli Studi di Cagliari, Cagliari, Italy
Barbara Pes, Department of Mathematics and Computer Science, Università degli Studi di Cagliari, Cagliari, Italy
Laura Maria Cannas, Department of Mathematics and Computer Science, Università degli Studi di Cagliari, Cagliari, Italy
- 34 **The New Economic Environment to Manage Resources in Cloud Computing**
Samah Bouamama, Department of Computer Science, University of Oran 1, Ahmed Ben Bella, Oran, Algeria
Ghalem Belalem, Department of Computer Science, University of Oran 1, Ahmed Ben Bella, Oran, Algeria
- 50 **Economic Intelligence Information and Process in Shipping Companies in Morocco: The Case of TangerMed Area**
Mostafa Bachrane, Mohammadia Engineering School, University of Mohammed V, Rabat, Morocco
Jamila El Alami, School of Technology, University of Mohammed V, Rabat, Morocco
Mostafa Hanoune, Laboratory of Modelling and Information Processing, University of Ben M'sick - Casablanca, Mohammedia, Morocco

Copyright

The **Journal of Information Technology Research (JITR)** (ISSN 1938-7857; eISSN 1938-7865), 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 *Journal of Information Technology Research* is indexed or listed in the following: ACM Digital Library; Bacon's Media Directory; Cabell's Directories; Compendex (Elsevier Engineering Index); CSA Illumina; DBLP; GetCited; Google Scholar; INSPEC; JournalTOCs; MediaFinder; SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; Ulrich's Periodicals Directory