Table of Contents

International Journal of Grid and High Performance Computing
Volume 8 • Issue 2 • April-June-2016 • ISSN: 1938-0259 • eISSN: 1938-0267
An official publication of the Information Resources Management Association

Research Articles

1 Software-Defined Networking for Scalable Cloud-based Services to Improve System Performance of Hadoop-based Big Data Applications
Destha Haileselassie Hagos, Faculty of Mathematics and Natural Science, Department of Informatics, University of Oslo (UiO), Oslo, Norway

23 Discovering Gathering Pattern Using a Taxicab Service Rate Analysis Method based on Neural Network
Junming Zhang, Beijing University of Posts and Telecommunications, Beijing, China
Jinglin Li, Beijing University of Posts and Telecommunications, Beijing, China

Li Mao, Department of Computer Science, Guang Dong Police Officer College, Guangzhou, China & School of Computer Science and Engineering, South China University of Technology, Guangzhou, China
De Yu Qi, School of Computer Science and Engineering, South China University of Technology, Guangzhou, China
Wei Wei Lin, School of Computer Science and Engineering, South China University of Technology, Guangzhou, China
Bo Liu, School of Computer, South China Normal University, Guangzhou, China
Ye Da Li, Guangdong Engineering Polytechnic, Guangzhou, China

58 Towards High Performance Text Mining: A TextRank-based Method for Automatic Text Summarization
Shanshan Yu, College of Medical Information Engineering, Guangdong Pharmaceutical University, Guangzhou, China
Jindian Su, College of Computer Science and Engineering, South China University of Technology, Guangzhou, China
Pengfei Li, College of Computer Science and Engineering, South China University of Technology, Guangzhou, China
Hao Wang, Norwegian University of Science and Technology in Aalesund, Aalesund, Norway

76 Extending Dynamic Scheduling Policies in WorkflowSim by Using Variance based Approach
Jyoti Thaman, Maharishi Markandeshwar University, Sadopur, India
Manpreet Singh, Maharishi Markandeshwar University, Sadopur, India

94 Game Theoretic Cloud-Assisted Opportunistic Spectrum Access in Cognitive Radio Networks
Danda B. Rawat, Department of Electrical Engineering, Georgia Southern University, Statesboro, GA, USA
Sachin Shetty, Department of Electrical and Computer Engineering, Tennessee State University, Nashville, TN, USA

COPYRIGHT

The International Journal of Grid and High Performance Computing (IJGHPC) (ISSN 1938-0259; eISSN 1938-0267), Copyright © 2016 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 Grid and High Performance Computing is indexed or listed in the following: ACM Digital Library; Bacon’s Media Directory; Cabell’s Directories; Compendex (Elsevier Engineering Index); DBLP; GetCited; Google Scholar; INSPEC; JournalTOCs, MediaFinder; SCOPUS; The Standard Periodical Directory; Ulrich’s Periodicals Directory