# **Table of Contents**

## International Journal of Grid and High Performance Computing

Volume 11 • Issue 3 • July-September-2019 • ISSN: 1938-0259 • eISSN: 1938-0267

An official publication of the Information Resources Management Association

## **Research Articles**

### 1 TAR Based Hotspot Prediction in Cloud Data Centres

Anu Valiyaparambil Raveendran, Mahatma Gandhi University, Kottayam, India Elizabeth Sherly Sherly, Iiitmk, Kerala, India

## 23 Empirical Evaluation of Map Reduce Based Hybrid Approach for Problem of Imbalanced Classification in Big Data

Khyati Ahlawat, IGDTUW, Delhi, India Anuradha Chug, GGSIPU, Delhi, India Amit Prakash Singh, GGSIPU, Delhi, India

## 46 Fuzzy based Data Fusion for Energy Efficient Internet of Things

Madan Mohan Agarwal, Birla Institute of Technology, Mesra, Jaipur Campus, India Mahesh Chandra Govil, National Institute of Technology, Sikkim, India Madhavi Sinha, Birla Institute of Technology, Mesra, Jaipur Campus, India Saurabh Gupta, Manipal University, Jaipur, India

## 59 Semaphore Based Data Aggregation and Similarity Findings for Underwater Wireless Sensor Networks

Ruby D, Research Scholar, Periyar Maniammai Institute of Science & Technology, Vallam, India Jeyachidra J, Associate Professor, Periyar Maniammai Institute of Science & Technology, Vallam, India

#### **COPYRIGHT**

The International Journal of Grid and High Performance Computing (IJGHPC) (ISSN 1938-0259; eISSN 1938-0267), Copyright © 2019 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; Web of Science; Web of Science Emerging Sources Citation Index (ESCI)