

Table of Contents

International Journal of Web Services Research

Volume 14 • Issue 3 • July-September-2017 • ISSN: 1545-7362 • eISSN: 1546-5004

An official publication of the Information Resources Management Association

Special Issue on S2 ICIOT 2016

Editorial Preface

- v Liang-Jie Zhang, Kingdee International Software Group Company Limited, Shenzhen, China
Yutao Ma, State Key Laboratory of Software Engineering, Wuhan University, Wuhan, China

Research Articles

1 A Proactive Service Model Facilitating Stream Data Fusion and Correlation

Yanbo Han, Beijing Key Laboratory on Integration and Analysis of Large-Scale Stream Data, North China University of Technology, Beijing, China & Cloud Computing Research Center, North China University of Technology, Beijing, China
Chen Liu, Beijing Key Laboratory on Integration and Analysis of Large-Scale Stream Data, North China University of Technology, Beijing, China & Cloud Computing Research Center, North China University of Technology, Beijing, China
Shen Su, Beijing Key Laboratory on Integration and Analysis of Large-Scale Stream Data, North China University of Technology, Beijing, China & Cloud Computing Research Center, North China University of Technology, Beijing, China
Meiling Zhu, Beijing Key Laboratory on Integration and Analysis of Large-Scale Stream Data, North China University of Technology, Beijing, China, Cloud Computing Research Center, North China University of Technology, Beijing, China & School of Computer Science and Technology, Tianjin University, Tianjin, China
Zhongmei Zhang, Beijing Key Laboratory on Integration and Analysis of Large-Scale Stream Data, North China University of Technology, Beijing, China, Cloud Computing Research Center, North China University of Technology, Beijing, China & School of Computer Science and Technology, Tianjin University, Tianjin, China
Shouli Zhang, Beijing Key Laboratory on Integration and Analysis of Large-Scale Stream Data, North China University of Technology, Beijing, China, Cloud Computing Research Center, North China University of Technology, Beijing, China & School of Computer Science and Technology, Tianjin University, Tianjin, China

17 Privacy Protection for Data-Driven Smart Manufacturing Systems

Kok-Seng Wong, School of Software, Soongsil University, Seoul, South Korea
Myung Ho Kim, School of Software, Soongsil University, Seoul, South Korea

33 A Constrained Learning Approach to the Prediction of Reliability Ranking for WSN Services

Wei Xiong, HuBei University of Arts and Science, Xiangyang, China
Zhao Wu, HuBei University of Arts and Science, Xiangyang, China
Bing Li, Wuhan University, Wuhan, China
Qiong Gu, HuBei University of Arts and Science, Xiangyang, China

53 The Performance of Location Aware Shilling Attacks in Web Service Recommendation

Min Gao, Key Laboratory of Dependable Service Computing in Cyber Physical Society, Ministry of Education, Chongqing University, Chongqing, China & School of Software Engineering, Chongqing University, Chongqing, China
Xiang Li, Key Laboratory of Dependable Service Computing in Cyber Physical Society, Ministry of Education, Chongqing University, Chongqing, China & School of Software Engineering, Chongqing University, Chongqing, China
Wenge Rong, School of Computer Science and Engineering, Beihang University, Beijing, China
Junhao Wen, Key Laboratory of Dependable Service Computing in Cyber Physical Society, Ministry of Education, Chongqing University, Chongqing, China & School of Software Engineering, Chongqing University, Chongqing, China
Qingyu Xiong, Key Laboratory of Dependable Service Computing in Cyber Physical Society, Ministry of Education, Chongqing University, Chongqing, China & School of Software Engineering, Chongqing University, Chongqing, China

67 Distributed Top-K Join Queries Optimizing for RDF Datasets

Jinguan Gu, College of Computer Science and Technology, Wuhan University of Science and Technology, Wuhan, China & Hubei Province Key Laboratory of Intelligent Information Processing and Real-Time Industrial System, Wuhan, China
Hao Dong, College of Computer Science and Technology, Wuhan University of Science and Technology, Wuhan, China & Hubei Province Key Laboratory of Intelligent Information Processing and Real-Time Industrial System, Wuhan, China
Zhao Liu, College of Computer Science and Technology, Wuhan University of Science and Technology, Wuhan, China & Hubei Province Key Laboratory of Intelligent Information Processing and Real-Time Industrial System, Wuhan, China
Fangfang Xu, College of Computer Science and Technology, Wuhan University of Science and Technology, Wuhan, China & Hubei Province Key Laboratory of Intelligent Information Processing and Real-Time Industrial System, Wuhan, China

COPYRIGHT

The **International Journal of Web Services Research (IJWSR)** (ISSN 1545-7362; eISSN 1546-5004), Copyright © 2017 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 Web Services Research* is indexed or listed in the following: ABI/Inform; ACM Digital Library; Bacon's Media Directory; Burrelle's Media Directory; Cabell's Directories; Compendex (Elsevier Engineering Index); CSA Illumina; Current Contents®/Engineering, Computing, & Technology; DBLP; DEST Register of Refereed Journals; Gale Directory of Publications & Broadcast Media; GetCited; Google Scholar; INSPEC; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder; Norwegian Social Science Data Services (NSD); PubList.com; SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; Ulrich's Periodicals Directory; Web of Science (All Journals); Web of Science Science Citation Index Expanded (SCIE)