# **Table of Contents**

# International Journal of Web Services Research

Volume 18 • Issue 2 • April-June-2021 • ISSN: 1545-7362 • eISSN: 1546-5004

## **Editorial Preface**

Edge Computing Resources Planning
Liang-Jie Zhang, Kingdee International Software Group Co. Ltd., Shenzhen, China

### **Research Articles**

1 Resource Allocation Scheduling Algorithm Based on Incomplete Information Dynamic Game for Edge Computing Bo Wang, School of Software Technology, Dalian University of Technology, Dalian, China & School of Applied Technology, University of Science and Technology Liaoning, Anshan, China & Key Laboratory for Ubiquitous Network and Service Software of Liaoning Province, Dalian, China Mingchu Li, School of Software Technology, Dalian University of Technology, Dalian, China & Key Laboratory for Ubiquitous Network and Service Software of Liaoning Province, Dalian, China

#### 25 Probabilistic-QoS-Aware Multi-Workflow Scheduling Upon the Edge Computing Resources

Tao Tang, Chongqing University, China Yuyin Ma, Chongqing University, China Wenjiang Feng, Chongqing University, China

#### 40 ResumeVis Interactive Visualization of Resumes Based on Multi-Source Data

Xiaohui Wang, University of Science and Technology, Beijing, China Jiaqi Zhang, University of Science and Technology, Beijing, China Kekuan Yao, University of Science and Technology, Beijing, China Jingyan Qin, University of Science and Technology, Beijing, China

#### 54 Integrating Community Interest and Neighbor Semantic for Microblog Recommendation

Mingxin Gan, School of Economics and Management, University of Science and Technology, Beijing, China Xiongtao Zhang, School of Economics and Management, University of Science and Technology, Beijing, China

#### 76 Bi-Objective Competition Pricing Model for Component Web Service Economy

Yu Wang, School of Management, University of Science and Technology of China, China XiaoLin Li, School of Mines, China University of Mining and Technology, China HuaPing Chen, School of Management, University of Science and Technology of China, China

#### COPYRIGHT

The International Journal of Web Services Research (IJWSR) (ISSN 1545-7362; eISSN 1546-5004), Copyright © 2021 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; EBSCOhost's Library/Information Science & Technology Abstracts with FullTEXT; 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; UGC-CARE List (India); Ulrich's Periodicals Directory; Web of Science; Web of Science Citation Index Expanded (SCIE)