

Table of Contents

Journal of Database Management

Volume 27 • Issue 2 • April-June-2016 • ISSN: 1063-8016 • eISSN: 1533-8010

An official publication of the Information Resources Management Association

Research Articles

- 1 **A Novel Approach to Managing the Dynamic Nature of Semantic Relatedness**
Youngseok Choi, Brunel Business School, Brunel University London, London, UK
Jungsuk Oh, Business School, Seoul National University, Seoul, South Korea
Jinsoo Park, Business School, Seoul National University, Seoul, South Korea
- 27 **Towards a Normal Form and a Query Language for Extended Relations Defined by Regular Expressions**
András Benczúr, Eötvös Loránd University, Faculty of Informatics, Budapest, Hungary
Gyula I. Szabó, Eötvös Loránd University, Faculty of Informatics, Budapest, Hungary
- 49 **Predicting Software Abnormal State by using Classification Algorithm**
Yongquan Yan, School of Computer Science and Technology, Beijing Institute of Technology, Beijing, China
Ping Guo, School of System Science, Beijing Normal University, Beijing, China

COPYRIGHT

The **Journal of Database Management (JDM)** (ISSN 1063-8016; eISSN 1533-8010), 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 *Journal of Database Management* is indexed or listed in the following: ABI/Inform; ACM Digital Library; Aluminium Industry Abstracts; Australian Business Deans Council (ABDC); Bacon's Media Directory; Burrelle's Media Directory; Cabell's Directories; Ceramic Abstracts; Compendex (Elsevier Engineering Index); Computer & Information Systems Abstracts; Corrosion Abstracts; CSA Civil Engineering Abstracts; CSA Illumina; CSA Mechanical & Transportation Engineering Abstracts; Current Contents®/Engineering, Computing, & Technology; DBLP; DEST Register of Refereed Journals; EBSCOhost's Business Source; EBSCOhost's Computer & Applied Sciences Complete; EBSCOhost's Computer Science Index; EBSCOhost's Computer Source; EBSCOhost's Current Abstracts; EBSCOhost's Library/Information Science & Technology Abstracts with FullTEXT; EBSCOhost's STM Abstracts; Electronics & Communications Abstracts; Emerald Abstracts; Engineered Materials Abstracts; Gale Directory of Publications & Broadcast Media; GetCited; Google Scholar; INSPEC; Internet & Personal Computing Abstracts; ISBIB; JournalTOCs; Library & Information Science Abstracts (LISA); Library Literature & Information Sciences; Materials Business File - Steels Alerts; MediaFinder; Norwegian Social Science Data Services (NSD); PubList.com; Science Citation Index Expanded (SciSearch®); SCOPUS; Solid State & Superconductivity Abstracts; The Index of Information Systems Journals; The Standard Periodical Directory; Thomson Reuters; Ulrich's Periodicals Directory; Web of Science