Table of Contents

RESEARCH ARTICLES

1  A Hierarchical Security Model for Multimedia Big Data
   Min Chen, Computing and Software Systems, School of STEM, University of Washington Bothell, Bothell, WA, USA

14 Emoticon Recommendation System to Richen Your Online Communication
   Yuki Urabe, Graduate School of Information Science and Technology, Hokkaido University, Sapporo, Japan
   Rafal Rzepka, Graduate School of Information Science and Technology, Hokkaido University, Sapporo, Japan
   Kenji Araki, Graduate School of Information Science and Technology, Hokkaido University, Sapporo, Japan

34 Towards Improved Music Recommendation: Using Blogs and Micro-Blogs
   Remco Snijders, Utrecht University, Utrecht, Netherlands
   Marco Spruit, Utrecht University, Utrecht, Netherlands

52 Matching Word-Order Variations and Sorting Results for the iEPG Data Search
   Denis Kiselev, Graduate School of Information Science and Technology, Hokkaido University, Sapporo, Japan
   Rafal Rzepka, Graduate School of Information Science and Technology, Hokkaido University, Sapporo, Japan
   Kenji Araki, Graduate School of Information Science and Technology, Hokkaido University, Sapporo, Japan

Copyright
The International Journal of Multimedia Data Engineering and Management (IJMDEM) (ISSN 1947-8534; eISSN 1947-8542), Copyright © 2014 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.