## Table of Contents

### Research Articles

1. **Local and Global Latent Semantic Analysis for Text Categorization**  
   Khadoudja Ghanem, MISC Laboratory, University Constantine 2, Constantine, Algeria

   Vaishali Singh, Department of Computer Science, B.B. Ambedkar University, Lucknow, India  
   Sanjay K. Dwivedi, Department of Computer Science, B.B. Ambedkar University, Lucknow, India

34. **Text Clustering using Distances Combination by Social Bees: Towards 3D Visualisation Aspect**  
   Hadj Ahmed Bouarara, GeCode Laboratory, Tahar Moulay University of Saida, Algeria  
   Reda Mohamed Hamou, Department of Computer Science, Tahar Moulay University of Saida, Algeria  
   Abdelmalek Amine, Tahar Moulay University of Saida, Algeria

54. **The Use of Arabic WordNet in Arabic Information Retrieval**  
   Ahmed Abbache, Department of Computer Science, University of Oran 1, Ahmed Ben Bella, Oran, Algeria  
   Fatiha Barigou, Department of Computer Science, University of Oran 1, Ahmed Ben Bella, Oran, Algeria  
   Fatma Zohra Belkredim, Department of Computer Science, University Hassiba Ben bouali of Chlef, Ouled Fares, Algeria  
   Ghalem Belem, Department of Computer Science, University of Oran 1, Ahmed Ben Bella, Oran, Algeria

66. **Tweet Sentiment Analysis with Latent Dirichlet Allocation**  
   Masahiro Ohmura, Kwansei Gakuin University, Sanda-shi, Japan  
   Koh Kakusho, Kwansei Gakuin University, Sanda-shi, Japan  
   Takeshi Okadome, Kwansei Gakuin University, Sanda-shi, Japan

### Copyright

The *International Journal of Information Retrieval Research (IJIRR)* (ISSN 2155-6377; eISSN 2155-6385), 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.

---

The *International Journal of Information Retrieval Research* is indexed or listed in the following: ACM Digital Library; Bacon’s Media Directory; Cabell’s Directories; INSPEC; JournalTOCs; MediaFinder; ProQuest Advanced Technologies & Aerospace Journals; ProQuest Computer Science Journals; ProQuest Illustrata: Technology; ProQuest SciTech Journals; ProQuest Technology Journals; Research Library; The Standard Periodical Directory; Ulrich’s Periodicals Directory