

# JOURNAL OF THE AMERICAN SOCIETY FOR INFORMATION SCIENCE AND TECHNOLOGY

JASIST

VOLUME 64

NUMBER 2

2013

## CONTENTS

### RESEARCH ARTICLES

- A Visual Analytic Study of Retracted Articles in Scientific Literature  
*Chaomei Chen, Zhigang Hu, Jared Milbank, and Timothy Schultz*
- Topic Familiarity and Information Skills in Online Credibility Evaluation  
*Teun Lucassen, Rienco Mulwijk, Matthijs L. Noordzij, and Jan Maarten Schraagen*
- Venue-Author-Coupling: A Measure for Identifying Disciplines Through Author Communities  
*Chaoqun Ni, Cassidy R. Sugimoto, and Jiepu Jiang*
- A Text Mining Approach to Assist the General Public in the Retrieval of Legal Documents  
*Yen-Liang Chen, Yi-Hung Liu, and Wu-Liang Ho*
- A Comparison of Techniques for Measuring Sensemaking and Learning Within Participant-Generated Summaries  
*Mathew J. Wilson and Max L. Wilson*
- A Macro Analysis of Productivity Differences Across Fields: Challenges in the Measurement of Scientific Publishing  
*Fredrik Niclas Piro, Dag W. Aksnes, and Kristoffer Rørstad*
- Topical Community Detection From Mining User Tagging Behavior and Interest  
*Xiaoling Sun and Hongfei Lin*
- Lifting the Fog of Scientometric Research Artifacts: On the Scientometric Analysis of Environmental Tobacco Smoke Research  
*Petr Heneberg*
- Sex, Blogs, and Baring Your Soul: Factors Influencing UK Blogging Strategies  
*Chris Fullwood, Karen Melrose, Neil Morris, and Sarah Floyd*
- Contributing High Quantity and Quality Knowledge to Online Q&A Communities  
*Jie Lou, Yulin Fang, Kai H. Lim, and Jerry Zeyu Peng*
- On the Calculation of Percentile-Based Bibliometric Indicators  
*Ludo Waltman and Michael Schreiber*
- Modeling the Relationship Between an Emerging Infectious Disease Epidemic and the Body of Scientific Literature Associated with it: The Case of HIV/AIDS in the United States  
*Jeff Naidoo, Jeffrey T. Huber, Pamela Cupp, and Qishan Wu*
- Quantifying the Benefits of International Scientific Collaboration  
*Vicente P. Guerrero Bote, Carlos Olmeda-Gómez, and Félix de Moya-Anegón*
- Capitalizing on Order Effects in the Bids of Peer-Reviewed Conferences to Secure Reviews by Expert Referees  
*Guillaume Cabanac and Thomas Preuss*
- Semantic Similarity of Ontology Instances Using Polarity Mining  
*Torn Narock, Lina Zhou, and Victoria Yoon*

4

2

6

Coden AISJB6 ISSN 1532-2882

 WILEY-BLACKWELL

Discover this journal online at  
 WILEY ONLINE LIBRARY  
[wileyonlinelibrary.com/journal/jasist](http://wileyonlinelibrary.com/journal/jasist)





VOLUME 64

NUMBER 2

FEBRUARY 2013

## CONTENTS

### ADVANCES IN INFORMATION SCIENCE

#### What Is Societal Impact of Research and How Can It Be Assessed? A Literature Survey

*Lutz Bornmann*

Published online 17 December 2012

217

### RESEARCH ARTICLES

#### A Visual Analytic Study of Retracted Articles in Scientific Literature

*Chaomei Chen, Zhigang Hu, Jared Milbank and Timothy Schultz*

Published online 13 December 2012

234

#### Topic Familiarity and Information Skills in Online Credibility Evaluation

*Teun Lucassen, Rienco Mulder, Matthijs L. Noordzij and Jan Maarten Schraagen*

Published online 13 December 2012

254

#### Venue-Author-Coupling: A Measure for Identifying Disciplines Through Author Communities

*Chaoqun Ni, Cassidy R. Sugimoto and Jiepu Jiang*

Published online 21 December 2012

265

#### A Text Mining Approach to Assist the General Public in the Retrieval of Legal Documents

*Yen-Liang Chen, Yi-Hung Liu and Wu-Liang Ho*

Published online 3 January 2013

280

#### A Comparison of Techniques for Measuring Sensemaking and Learning Within Participant-Generated Summaries

*Mathew J. Wilson and Max L. Wilson*

Published online 4 January 2013

291

#### A Macro Analysis of Productivity Differences Across Fields: Challenges in the Measurement of Scientific Publishing

*Fredrik Niclas Piro, Dag W. Aksnes and Kristoffer Rørstad*

Published online 7 January 2013

307

#### Topical Community Detection From Mining User Tagging Behavior and Interest

*Xiaoling Sun and Hongfei Lin*

Published online 21 December 2012

321

#### Lifting the Fog of Scientometric Research Artifacts: On the Scientometric Analysis of Environmental Tobacco Smoke Research

*Petr Heneberg*

Published online 21 December 2012

334

(Continued on next page)

**Sex, Blogs, and Baring Your Soul: Factors Influencing UK Blogging Strategies**

*Chris Fullwood, Karen Melrose, Neil Morris and Sarah Floyd*

Published online 13 December 2012

345

**Contributing High Quantity and Quality Knowledge to Online Q&A Communities**

*Jie Lou, Yulin Fang, Kai H. Lim and Jerry Zeyu Peng*

Published online 13 December 2012

356

**On the Calculation of Percentile-Based Bibliometric Indicators**

*Ludo Waltman and Michael Schreiber*

Published online 14 December 2012

372

**Modeling the Relationship Between an Emerging Infectious Disease Epidemic and the Body of Scientific Literature Associated with it: The Case of HIV/AIDS in the United States**

*Jeff Naidoo, Jeffrey T. Huber, Pamela Cupp and Qishan Wu*

Published online 13 December 2012

380

**Quantifying the Benefits of International Scientific Collaboration**

*Vicente P. Guerrero Bote, Carlos Olmeda-Gómez and Félix de Moya-Anegón*

Published online 14 December 2012

392

**Capitalizing on Order Effects in the Bids of Peer-Reviewed Conferences to Secure Reviews by Expert Referees**

*Guillaume Cabanac and Thomas Preuss*

Published online 13 December 2012

405

**Semantic Similarity of Ontology Instances Using Polarity Mining**

*Tom Narock, Lina Zhou and Victoria Yoon*

Published online 10 December 2012

416

**BRIEF COMMUNICATION**

**A Label for Peer-Reviewed Books**

*Frederik T. Verleysen and Tim C.E. Engels*

Published online 21 December 2012

428

**BOOK REVIEW**

**Paper Machines: About Cards & Catalogs, 1548–1929**

*Alistair Black*

Published online

431

**IN MEMORIAM**

**Yale Mitchell Braunstein, 1945–2012**

*Michael K. Buckland*

Published online 4 December 2012

433