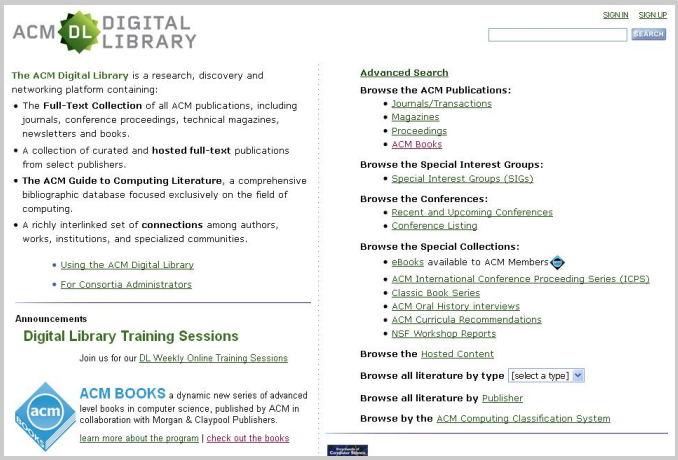
Name of the Tool	**The ACM Digital Library**
Home Page	
Logo	
URL	http://dl.acm.org/
Subject	Computer science – Bibliography
Accessibility	Partially Free
Language	English
Publisher	Association for Computing Machinery
Brief History	The Association for Computing Machinery (ACM) is an international learned society for computing. It was founded in 1947 and it is the world's largest scientific and educational computing society. It is a not-for-profit professional membership group. Its membership is more than 100,000 as of 2011. Its headquarters are in New York City. ACM adopted a hybrid Open Access (OA) publishing model in 2013.

Scope and Coverage

The ACM Digital Library (DL) is the most comprehensive collection of full-text articles and bibliographic records, covering the fields of computing and information technology. The full-text database includes the complete collection of ACM's publications, including journals, conference proceedings, magazines, newsletters, and multimedia titles and currently consists of: 407,367 Full-text articles, 2.0+ Million Pages of full-text articles, 18,000+ New full-text articles added each year, 44+ High Impact Journals with 2-3 new journals being launched each year, 275+ Conference Proceedings Titles added each year, 2,000+ Proceedings Volumes, 8 Magazines (including the flagship Communications of the ACM, the most heavily cited publication in the field of computing according to Thomson-Reuters), 37 Technical Newsletters from ACM's Special Interest Groups (SIGs), 6,500+ Video files, 594 Audio files. In addition to the full-text database, the ACM Digital Library is heavily integrated with and includes unrestricted access to the Guide to Computing Literature bibliography.

Kind of Information

This tool provides bibliographic information of workshop and conference proceedings, journals, books, magazines.
For proceedings bibliographic information includes name of editors/authors, name/title of proceeding, date, year and place of conference, ISBN etc. An example is given below for clear understanding.

Publication of:

• Conference
AAMAS '16 International Conference on Agents and Multiagent Systems

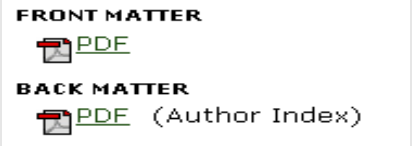
Singapore, Singapore — May 09 - 13, 2016
International Foundation for Autonomous Agents and Multiagent Systems Richland, SC ©2016

Title of proceedings

Bibliographic details:

Abstract
The Autonomous Agents and MultiAgent Systems (AAMAS) conference series brings together researchers from around the world to share the latest advances in the field. It is the premier forum for research in the theory and practice of autonomous agents and multi-agent systems. AAMAS 2002, the first of the series, was held in Bologna, followed by Melbourne (2003), New York (2004), Utrecht (2005), Hakodate (2006), Honolulu (2007), Estoril (2008), Budapest (2009), Toronto (2010), Taipei (2011), Valencia (2012), Saint Paul (2013), Paris (2014), and Istanbul (2015). This volume constitutes the proceedings of AAMAS 2016, the fifteenth conference in the series, held in Singapore in May 2016.(Not full abstract).

Source materials



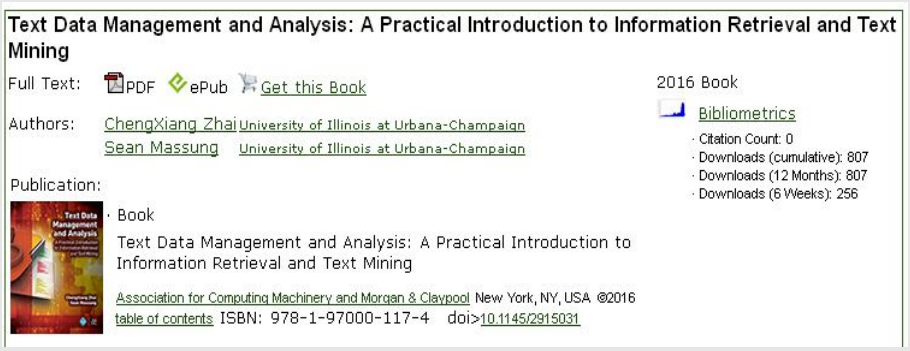
Publication details:

Title	AAMAS '16 International Conference on Agents and Multiagent Systems
	Singapore, Singapore — May 09 - 13, 2016
Pages	1542
Sponsors	IFAAMAS
In-Cooperations	SIGAI ACM Special Interest Group on Artificial Intelligence
Publisher	International Foundation for Autonomous Agents and Multiagent Systems Richland, SC
ISBN	978-1-4503-4239-1
Conference	**AAMAS** International Conference on Autonomous Agents and Multiagent Systems

Also table of contents and author details available with each entry.

Similarly for books and other documents detail bibliographic information are present. Some examples are given below.

For Book:



For Periodical:

Special Features

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- Contact and feedback option available.
- The ACM DL app for Android, iOS and Windows is available (and free).
- Reviews present, which helps users.

Arrangement Pattern	List of Books, Thesis, Periodicals, Reports and Workshops and conference proceedings etc. are arranged in alphabetical order. Examples are given below. **Books:** Under the alphabet 'B' entries are: Bactrim - A Medical Dictionary, Bibliography, and Annotated Research Guide to Internet References - ICON Health Publications Bad Boy Ballmer - HarperCollins Publishers Bad Breath - ICON Health Publications Bad Business - Basic Books, Inc. Bad software - John Wiley & Sons, Inc. Bad to the Bone - Morgan & Claypool Publishers Bad to the Bone - Morgan & Claypool Publishers Bagle - Computer Worm - PopulPublishing Baker's Cysts - A Medical Dictionary, Bibliography, and Annotated Research Guide to Internet Referen - ICON Health Publications Balance of Power - Microsoft Press Balanced Diversity - The Stationery Office Balanced Introduction to Computer Science - Prentice Hall Press **Periodicals:** Under the alphabet 'C' entries are: CIPS Review - CIPS National Office Circuit Cellar Ink - Circuit Cellar Incorporated Circuits, Systems, and Signal Processing - Birkhauser Boston Inc. Client/Server Computing - Sentry Publishing Company, Inc. Client/Server Today - Cahners Publishing Company Clinical and Developmental Immunology - Hindawi Publishing Corp. Cluster Computing - Kluwer Academic Publishers CMR Capacity Management Review - Demand Technology, Inc. Cognition, Technology and Work - Springer-Verlag Cognitive Systems Research - Elsevier Science Publishers B. V. Collegiate Microcomputer - Rose-Hulman Institute of Technology
Remarks	It is very help full tool for professionals, students and instructors in higher education, and researchers and practitioners in computer and related fields. The ACM and the IEEE Computer Society are the umbrella organizations for US academic and scholarly interests in computing. Unlike the IEEE, the ACM is solely dedicated to computing.
Comparable Tools	➢ Cambridge Core (https://www.cambridge.org/core) ➢ IEEE Xplore (http://ieeexplore.ieee.org/Xplore/home.jsp)
Date of Access	February 6, 2017