



DIRECTORATE FOR HIGHER EDUCATION  
MINISTRY OF NATIONAL EDUCATION

# Profile of Indonesian Higher Educations

- State Univ, Institutes, Politech, Academy, College (308)
- Private Higher Educations (3.385)
- Faculty (tenured) members (169.221)
- Over 3 million students
- Over 7000 local journals (2000 regularly published)
- Accredited Journals by LIPI-Ind. Inst. Sci. (141)
- Accredited Journals by DGHE (144)
- Online accreditation regulation has been circulated
- 18 Indonesian journals are indexed in Scopus
- 103 Indonesian journals are indexed in DOAJ

# Indonesian Citation Index (IdCI) Profile

## □ Features

- Automatic Crawling (Automatic article download)
- Citation Analysis
- Database Editing
- Indexing
- Full Text Search
- Bibliometrics

# Document Search

The screenshot shows a web browser window displaying the search results for the query "Algorithm" on the Indonesian Citation Index website. The browser's address bar shows the URL: `citation.itb.ac.id/citeseerx/search?q=Algorithm&submit=Search&sort=cite`. The website header includes navigation links such as "Home", "Statistics", "About", "Bulletin", "Submit Documents", and "Feedback". A search bar at the top right contains the query "Algorithm" and a "Search" button. Below the search bar, there are tabs for "Documents", "Authors", "Tables", and "Algorithms". The main content area displays the search results, starting with a yellow banner that reads "Searching for Algorithm – sorted by Number of Citations". Below this banner, there are links for "Order by: Relevance", "Year (Descending)", "Year (Ascending)", and "Recency". A search bar at the top right contains the query "Algorithm" and a "Search" button. Below the search bar, there are tabs for "Documents", "Authors", "Tables", and "Algorithms". The main content area displays the search results, starting with a yellow banner that reads "Searching for Algorithm – sorted by Number of Citations". Below this banner, there are links for "Order by: Relevance", "Year (Descending)", "Year (Ascending)", and "Recency". A search bar at the top right contains the query "Algorithm" and a "Search" button. Below the search bar, there are tabs for "Documents", "Authors", "Tables", and "Algorithms". The main content area displays the search results, starting with a yellow banner that reads "Searching for Algorithm – sorted by Number of Citations". Below this banner, there are links for "Order by: Relevance", "Year (Descending)", "Year (Ascending)", and "Recency".

82 documents found, showing 1 through 10. Next 10 →

- ▼ **Digital Libraries and Autonomous Citation Indexing**  
By Steve Lawrence, C. Lee Giles, Kurt Bollacker — 1999 — INTERNATIONAL CONFERENCE ON DIGITAL LIBRARIES  
... example is Likelt, an intelligent string comparison **algorithm** introduced by Yianilos [12]. 2. Word...  
Cited by 10 (3 self) – Add To MetaCart
- ▼ **An adaptive algorithm for learning changes in user interests**  
By Dwi H. Widyantoro, Thomas R. Ioerger, John Yen — 1999 — In ACM/CIKM99 Conference On Information And Knowledge Management  
...An Adaptive **Algorithm** for Learning Changes in User Interests Dwi H. Widyantoro, Thomas R. Ioerger...  
Cited by 7 (0 self) – Add To MetaCart
- ▼ **Incremental Relevance Feedback for Information Filtering**  
By James Allan — 1996 — In Proc Of The 19th Int'l ACM-SIGIR Conf On Research And Development In Information Retrieval  
...-relevant with a 5% probability. 2.2 Relevance feedback **algorithm** In all experiments discussed below, feedback...  
Cited by 4 (0 self) – Add To MetaCart
- ▼ **A Personal News Agent that Talks, Learns and Explains**  
By Daniel Billsus, Michael J. Pazzani — 1999 — In 3rd International Conference On Autonomous Agents  
... the inclusion of additional training examples. We evaluate the proposed **algorithms** on user data collected with a...  
Cited by 3 (0 self) – Add To MetaCart

# Author Search

Indonesian Citation Index — Author Search Results — widyantoro - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Indonesian Citation Index — Author Sear... +

citation.itb.ac.id/citeseerx/search?q=widyantoro&submit=Search&sort=cite&t=auth

Sobrul Muchlisin

Home | Statistics | About | Bulletin | Submit Documents | Feedback

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Documents | Authors | Tables ! | Algorithms !

widyantoro Search

Disambiguated Search |  Include Citations | [Advanced Search](#) | [Help](#)

**Searching for authors named [widyantoro](#) – sorted by Number of Citations**

Order by: [Relevance](#) | [Year \(Descending\)](#) | [Year \(Ascending\)](#) | [Recency](#)

Try your query at: [Scholar](#) | [Yahoo!](#) | [Ask](#) | [Bing](#) | [CSB](#) | [Libra](#)

4 documents found, showing 1 through 4. [ATOM](#) [RSS](#)

▼ [An adaptive algorithm for learning changes in user interests](#)  
By Dwi H. Widyantoro, Thomas R. Ioerger, John Yen — 1999 — In ACM/CIKM'99 Conference On Information And Knowledge Management  
...An Adaptive Algorithm for Learning Changes in User Interests Dwi H. **Widyantoro**, Thomas R. Ioerger...  
Cited by 7 (0 self) – [Add To MetaCart](#)

▼ [Performance Evaluation of SVM-Based Information Extraction using  \$\tau\$  Margin Values](#)  
By Oerip S Santoso, Dwi H Widyantoro, Husni S Sastramihardja, Kurnia Muludi, Siti Maimunah  
... Kuspriyanto 1,2 , Oerip S Santoso 2 , Dwi H **Widyantoro** 2 , Husni S Sastramihardja 2 , Kurnia Muludi 2...  
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▼ [Exploiting Homogeneity of Density in Incremental Hierarchical Clustering](#)  
By Dwi H. Widyantoro  
... Homogeneity of Density in Incremental Hierarchical Clustering Dwi H. **Widyantoro** School of Electrical...  
[Add To MetaCart](#)

▼ [Ranking the Online Documents Based on Relative Credibility Measures](#)  
By Ahmad Dahlan, Dwi H. Widyantoro, Suhono H. Supangkat, Benhard Sitohang — ITB J. ICT Vol. 3  
... Dahlan, 1Dwi H. **Widyantoro**, 1Suhono H. Supangkat & 1Benhard Sitohang 1School of Electrical Engineering...  
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# Bibliometrics

Indonesian Citation Index — An adaptive algorithm for learning changes in user interests - Mozilla Firefox

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Indonesian Citation Index — An adaptiv... +

citation.itb.ac.id/citeseer/viewdoc/summary?doi=1.1.1.1.16

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Documents | Authors | Tables | Algorithms

Search

Include Citations | Advanced Search | Help

Summary | Related Documents | Version History

**An adaptive algorithm for learning changes in user interests (1999) [7 citations — 0 self]**

by Dwi H. Widyantoro , Thomas R. Ioerger , John Yen  
IN ACM/CIKM'99 CONFERENCE ON INFORMATION AND KNOWLEDGE MANAGEMENT  
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**DOWNLOAD:**  
<http://citation.itb.ac.id/pdf/csx-test/dwihw/10.1>

**CACHED:**

**FROM:**  
<http://citation.itb.ac.id/pdf/csx-test/dwihw/>

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**Abstract:**

In this paper, we describe a new scheme to learn dynamic users' interests in an automated information filtering and gathering system running on the Internet. Our scheme is aimed to handle multiple domains of long-term and short-term user's interests simultaneously, which is learned through positive and negative user's relevance feedback. We developed a 3-descriptor approach to represent the user's interest categories. Using a learning algorithm derived for this representation, our scheme adapts quickly to significant changes in user interest, and is also able to learn exceptions to interest categories.

**Citations**

- 12 [Introduction to Modern Information Retrieval](#) - Salton, McGill - 1983
- 6 [Indexing by latent semantic analysis](#) - Deerwester, Dumais, et al. - 1990
- 4 [Incremental Relevance Feedback for Information Filtering](#) - Allan - 1996
- 4 [Detection of Shifts in User Interests for Personalized Information Filtering](#) - Lam, Mukhopadhyay, et al. - 1996
- 4 [A Learning Approach to Personalized Information Filtering](#) - Sheth - 1994

**POPULAR TAGS**

Add a tag:  [Submit](#)

No tags have been applied to this document.

**BIBTEX | ADD TO METACART**

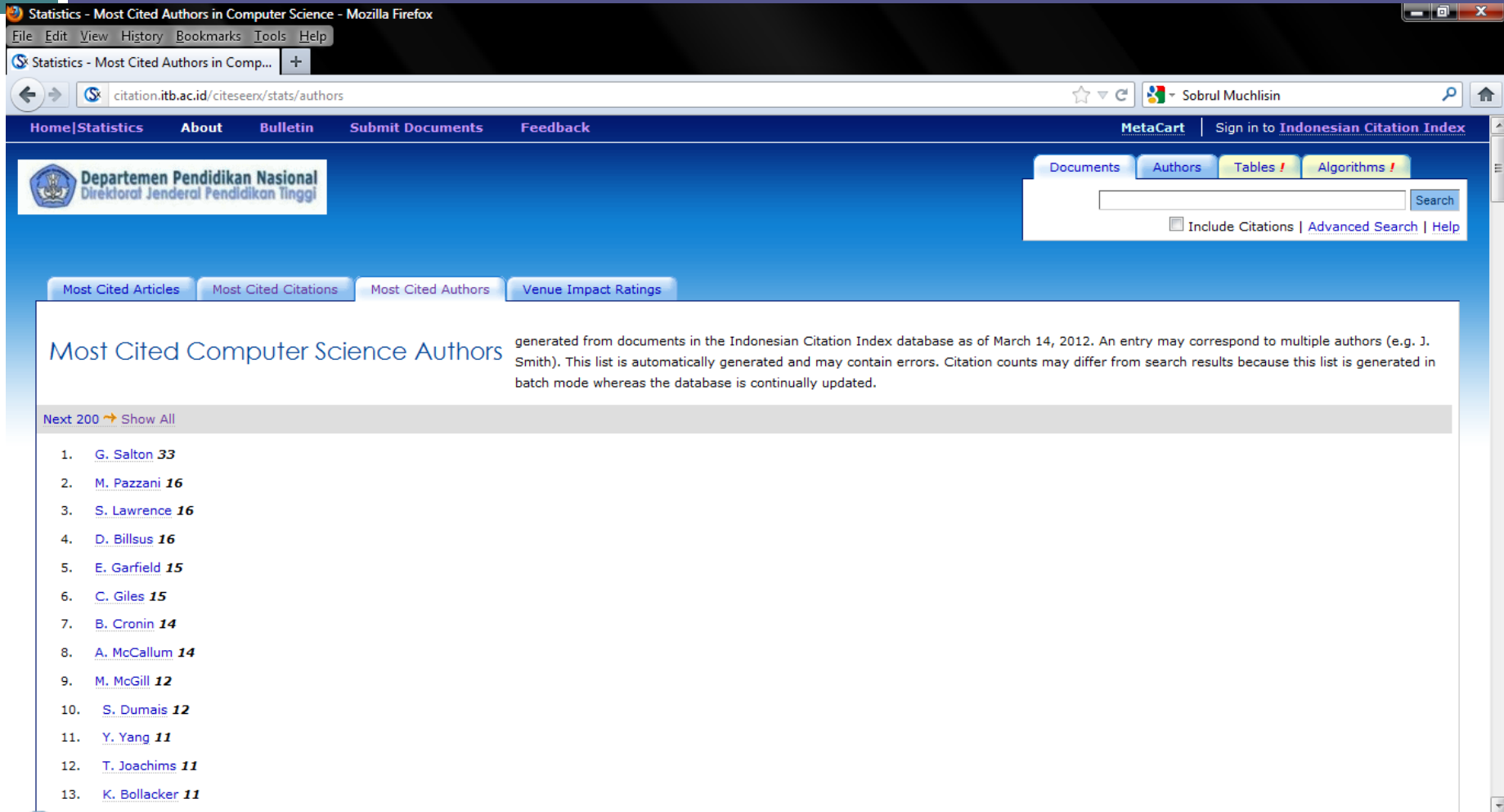
```
@INPROCEEDINGS{Widyantoro99adaptive,
  author = {Dwi H. Widyantoro and Thomas R.
Ioerger and John Yen},
  title = {An adaptive algorithm for learning
changes in user interests},
  booktitle = {IN ACM/CIKM'99 CONFERENCE ON
INFORMATION AND KNOWLEDGE MANAGEMENT},
  year = {1999}.
```

# Citation Ranking (including most cited)

The screenshot shows a web browser window displaying the 'Most Cited Citations in Computer Science' page. The page header includes navigation links like 'Home', 'Statistics', 'About', 'Bulletin', 'Submit Documents', and 'Feedback'. A search bar is present with options for 'Documents', 'Authors', 'Tables', and 'Algorithms'. The main content area is titled 'Most Cited Computer Science Citations' and includes a note about the data being generated from the Indonesian Citation Index database as of March 14, 2012. Below this, there is a list of 11 citations, each with a rank, author(s), title, and publication details.

Statistics - Most Cited Citations in Computer Science - Mozilla Firefox  
File Edit View History Bookmarks Tools Help  
Statistics - Most Cited Citations in Comp...  
citation.itb.ac.id/citeseerx/stats/citations  
Home | Statistics | About | Bulletin | Submit Documents | Feedback  
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Documents | Authors | Tables | Algorithms | Search  
Include Citations | Advanced Search | Help  
Most Cited Articles | Most Cited Citations | Most Cited Authors | Venue Impact Ratings  
Most Cited Computer Science Citations generated from documents in the Indonesian Citation Index database as of March 14, 2012. This list is automatically generated and may contain errors. The list is generated in batch mode and citation counts may differ from those currently in the Indonesian Citation Index database, since the database is continuously updated.  
All Years | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012  
Next 100 →  
1. 12 G Salton, M J McGill. *Introduction to Modern Information Retrieval*. 1983.  
2. 10 S Lawrence, C L Giles, K Bollacker. *Digital Libraries and Autonomous Citation Indexing*. IEEE Computer, 1999.  
3. 7 D H Widyantoro, T R Ioeberger, J Yen. *An adaptive algorithm for learning changes in user interests*. In ACM/CIKM'99 Conference on Information and Knowledge Management, 1999.  
4. 7 H Lieberman. *Letizia: An agent that assists web browsing*. In 1995 International Joint Conference on Artificial Intelligence, 1995.  
5. 6 S Deerwester, S T Dumais, G W Furnas, T K Landauer, R Harshman. *Indexing by latent semantic analysis*. Journal of the American Society for Information Science, 1990.  
6. 5 P Resnick, N Iacovou, M Suchak, P Bergstrom, J Riedl. *GroupLens: An open architecture for collaborative filtering of netnews*. In Proceedings of the ACM Conference on Computer Supported Cooperative Work, 1994.  
7. 5 I Ghozali. *Aplikasi Analisis Multivariate dengan*. Program SPSS, Cetakan IV, Semarang: Badan Penerbit Universitas Diponegoro, 2006.  
8. 5 J Kleinberg. *Authoritative sources in a hyperlinked environment*. Journal of the ACM, 1999.  
9. 4 M C Jensen, dan W H Meckling. *Theory of the Firm*. Managerial Behavior, Agency Costs and Ownership Structure. Journal of Financial Economics, 1976.  
10. 4 J Allan. *Incremental Relevance Feedback for Information Filtering*. In Proc of the 19th Int'l ACM-SIGIR Conf on Research and Development in Information Retrieval, 1996.  
11. 4 W Lam, S Mukhopadhyay, J Mostafa, M Palakal. *Detection of Shifts in User Interests for Personalized Information Filtering*. In 19th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval, 1996.

# Author Ranking (including most cited author)



The screenshot shows a web browser window displaying the 'Statistics - Most Cited Authors in Computer Science' page. The browser's address bar shows the URL 'citation.itb.ac.id/citeseer/stats/authors'. The website's navigation menu includes 'Home', 'Statistics', 'About', 'Bulletin', 'Submit Documents', and 'Feedback'. The main content area features a search bar and a list of authors ranked by citation count. The list is titled 'Most Cited Computer Science Authors' and includes 13 entries, with the top author being G. Salton with 33 citations.

Statistics - Most Cited Authors in Computer Science - Mozilla Firefox  
File Edit View History Bookmarks Tools Help  
Statistics - Most Cited Authors in Comp... +  
citation.itb.ac.id/citeseer/stats/authors  
Home | Statistics | About | Bulletin | Submit Documents | Feedback  
MetaCart | Sign in to Indonesian Citation Index  
Documents | Authors | Tables ! | Algorithms !  
Search  
Include Citations | Advanced Search | Help  
Most Cited Articles | Most Cited Citations | Most Cited Authors | Venue Impact Ratings  
Most Cited Computer Science Authors generated from documents in the Indonesian Citation Index database as of March 14, 2012. An entry may correspond to multiple authors (e.g. J. Smith). This list is automatically generated and may contain errors. Citation counts may differ from search results because this list is generated in batch mode whereas the database is continually updated.  
Next 200 → Show All  
1. [G. Salton](#) **33**  
2. [M. Pazzani](#) **16**  
3. [S. Lawrence](#) **16**  
4. [D. Billsus](#) **16**  
5. [E. Garfield](#) **15**  
6. [C. Giles](#) **15**  
7. [B. Cronin](#) **14**  
8. [A. McCallum](#) **14**  
9. [M. McGill](#) **12**  
10. [S. Dumais](#) **12**  
11. [Y. Yang](#) **11**  
12. [T. Joachims](#) **11**  
13. [K. Bollacker](#) **11**



# Venue Impact Rating

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CiteSeer<sup>x</sup> beta

Documents | Authors | Tables !

Search

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Most Cited Articles | Most Cited Citations | Most Cited Authors | Venue Impact Ratings

Estimated Venue Impact Factors. Generated from documents in the CiteSeer<sup>x</sup> database as of March 20, 2008. This list is automatically generated and may contain errors.

Impact is estimated based on Garfield's traditional impact factor.

Choose Window: | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | **2007**

Only venues with at least 25 articles are shown. Venue details obtained from DBLP by Michael Ley. Only venues contained in DBLP are included.

1. [POPL](#) **0.45**
2. [OSDI](#) **0.43**
3. [PLDI](#) **0.4**
4. [ACM Conference on Computer and Communications Security](#) **0.39**
5. [S&P](#) **0.37**
6. [NSDI](#) **0.37**
7. [CSFW](#) **0.33**
8. [ASPLOS](#) **0.32**
9. [SIGCOMM](#) **0.31**
10. [RAID](#) **0.31**
11. [EuroSys](#) **0.3**
12. [FAST](#) **0.3**
13. [TCC](#) **0.26**
14. [IPTPS](#) **0.26**
15. [CGO](#) **0.25**



online directory that indexes Indonesian open access scientific journals.

provides access to Indonesian open access scientific journals.

search articles across many disciplines

So far, only applicable for Indonesian scientific journals that are accredited by DGHE

# Current Condition (as 26-10-2014)

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- Contains 25 out of 144 accredited journals with 4,469 records
- To be kept updating

## Problems:

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- Some journals are not available online
- Some journals are using blog to publish the articles
- Some journals are not using e-journal management system
- Some journals do not publish the link to OAI

## Future Development:

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- To be integrated to online DGHE accredited process (Arjuna)
- Index by IRCI is one of compulsory conditions to be DGHE accredited

# CURRENT PROGRESS

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- Socialization of online accreditation for Indonesian online journals
- Preparation for launching IdCI and IRCI in 2015