

User Guide
of
CNKI *AcademicReference* Database

CNKI
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1. Introduction

Academic Reference is designed to provide a one-stop search and discovery platform of China academic development, current research hotspots, and social cultural situation for overseas colleges, universities, research institutions, and enterprises. The platform integrates high-quality English resources published in mainland China, including over 13 million English abstracts from first-class journals, proceedings, doctoral dissertations, and masters' theses, and more than 1 million full-text articles. It allows cross-database search in these articles, English books, yearbooks, and reference books.

2. Resources

As of December 2017, AcademicReference included a total of 13 million English abstracts and more than 1 million English full-text articles. These full-text articles include 565 thousand journal articles, 5 thousand doctoral dissertations, 65 thousand master's thesis, and 372 thousand conference papers. Meanwhile, AcademicReference collects 6 English books, 2178 English Yearbooks, 49 English reference books and 989 thousand bilingual terms (see Table 1).

Series		1st Issue-2017 Resources							
		Journal article	Doctoral dissertation	Master's thesis	Conference paper	Reference work entry	Yearbook entry	Book chapter	Bilingual glossary
Science/Technology/ Medicine	Physics, Astronomy, Mathematics - A	2,056,476	41,646	144,120	140,907	13,395	14,163	0	106,166
	Chemistry, Metallurgy - B	2,366,959	48,900	268,451	220,034	6,195	12,827	0	40,403
	Industrial Technology & Engineering - C	2,237,818	34,720	305,441	299,161	38	28,484	0	80,613
	Agriculture - D	1,088,072	22,440	113,293	378,288	5,361	13,332	0	23,605
	Medicine/Health - E	2,718,879	60,706	261,892	457,415	11,095	8,834	0	600,934
	Electronic Technology & Information Science - I	1,539,369	35,036	346,525	536,542	0	7,451	0	17,885
Social Sciences & Humanities	Literature/History/Philosophy - F	548,030	14,463	223,659	615,669	9,009	16,456	78	91,285
	Politics/Military affairs/Law - G	311,410	9,030	145,832	694,796	0	38,950	0	4,366
	Education/Social Sciences - H	956,291	7,278	153,286	773,923	0	64,274	8	66,642
	Economics - J	905,215	29,686	321,219	853,050	1,253	336,604	64	9,696
Whole Package		10,704,655	271,047	2,034,379	997,293	45,056	379,005	150	988,945

Table 1 Resources of AcademicReference

3. Functions

- Navigation: discipline navigation and content type navigation. It helps narrow down the searching range and provides quick access to information.
- Searching methods: one-stop search, advanced search, and search within publication. The default search type of one-stop search is on subjects. Users can search in 7 different dimensions, select 12 types of documents, and set the publishing time range in advanced search.
- Knowledge Network Node: it provides detailed and extended information of certain article.

- Download: it provides PDF format download when the article has English full-text, or provides Chinese full-text links on CNKI overseas website <http://oversea.cnki.net> when the article contains only English abstract.
- Online reading: books and reference works' online reading mode is available.

4. Login

Homepage: <http://ar.cnki.net/>

Click "Login" (Figure 1), and then the login interface pops up (Figure 2). Users can either enter their username and password or click "IP Login" to login. Institutional users can also automatically log in through IP address.



Figure 1 Entry of login

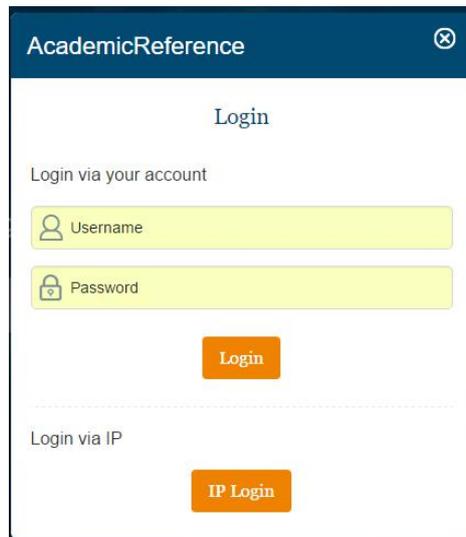


Figure 2 Login interface

5. Homepage

AcademicReference homepage (Figure 3) mainly includes three sections:

1. One-stop search box: the one-stop search function is a joint search for books, journals and articles, and the default search type is subject searching. Below it is the advanced search link.
2. Browse by Disciplines: all resources are classified into ten series. Users can choose certain subjects and view resources of selected series.
3. Resources: including journals, doctoral dissertations, master's thesis, conference papers, yearbooks, reference books, Chinese library books and bilingual glossaries, a total navigation

display of eight different kinds of resources.

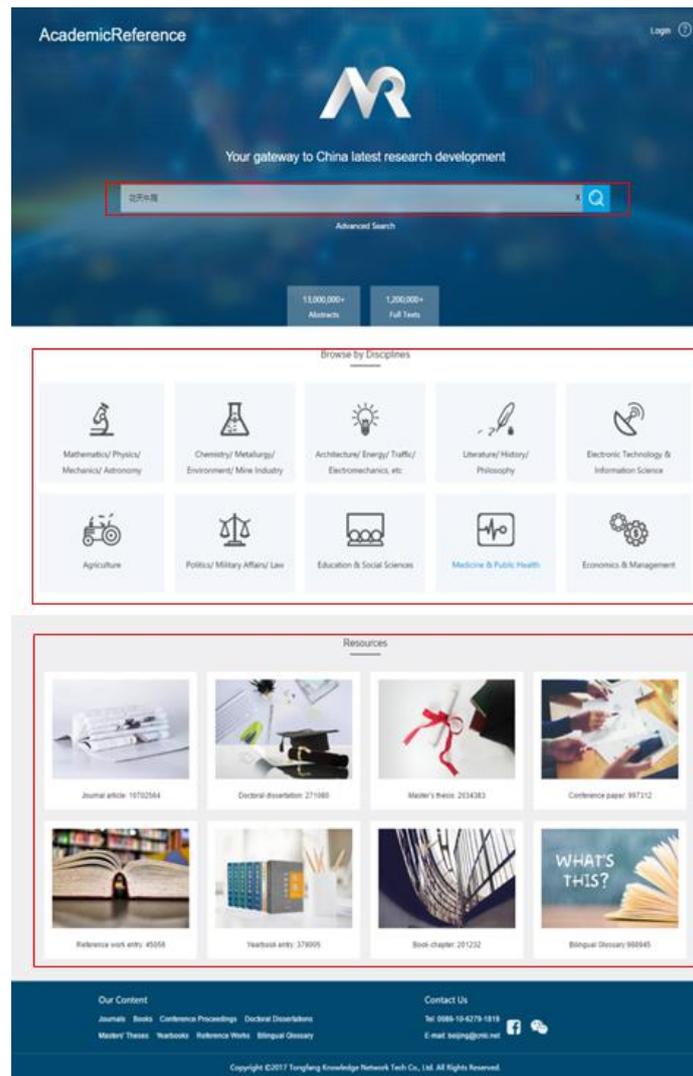


Figure 3 Homepage

6. Search

AcademicReference includes mainly three searching methods: one-stop search, advanced search and search within publications.

6.1 One-stop search

The one-stop search is a joint search for books, journals and articles, and the default searching mode is subject search. It can be found at the top of multiple pages, e.g. homepage, search results page, single publication display page. (Figure 3, Figure 4, Figure 6).

The search results are shown in Figure 4:

- Record of results: the amount of search results.
- Records shown on one page, with 3 options to choose: 10, 20, 50.
- Page: the first page, the last page, previous page, and next page of the search result are displayed. Users can enter a page number and click Enter to turn to.
- CONTENT TYPE: it shows the content types and numbers of the search results. It displays 5 types as default. Click “view more” to show all options, and click “view less”

to retract to 5. Users can filter one content type under the current search result further.

- DISCIPLINES: it shows the series and numbers of the search results. It displays 5 types as default. Click “view more” to display all, and click “view less” to retract to 5. Click  to expand subjects under a series, and click  to collapse this series. You can select multiple subjects or series under the current search results.
- PUBLICATION YEAR: you can drag the timeline or enter the publication year to filter.
- Search result list: the title and basic information of the document are displayed with search terms highlighted. It provides PDF download when the article has English full-text in English, or provides Chinese full-text links of CNKI overseas website <http://oversea.cnki.net> when the article only has English abstract.

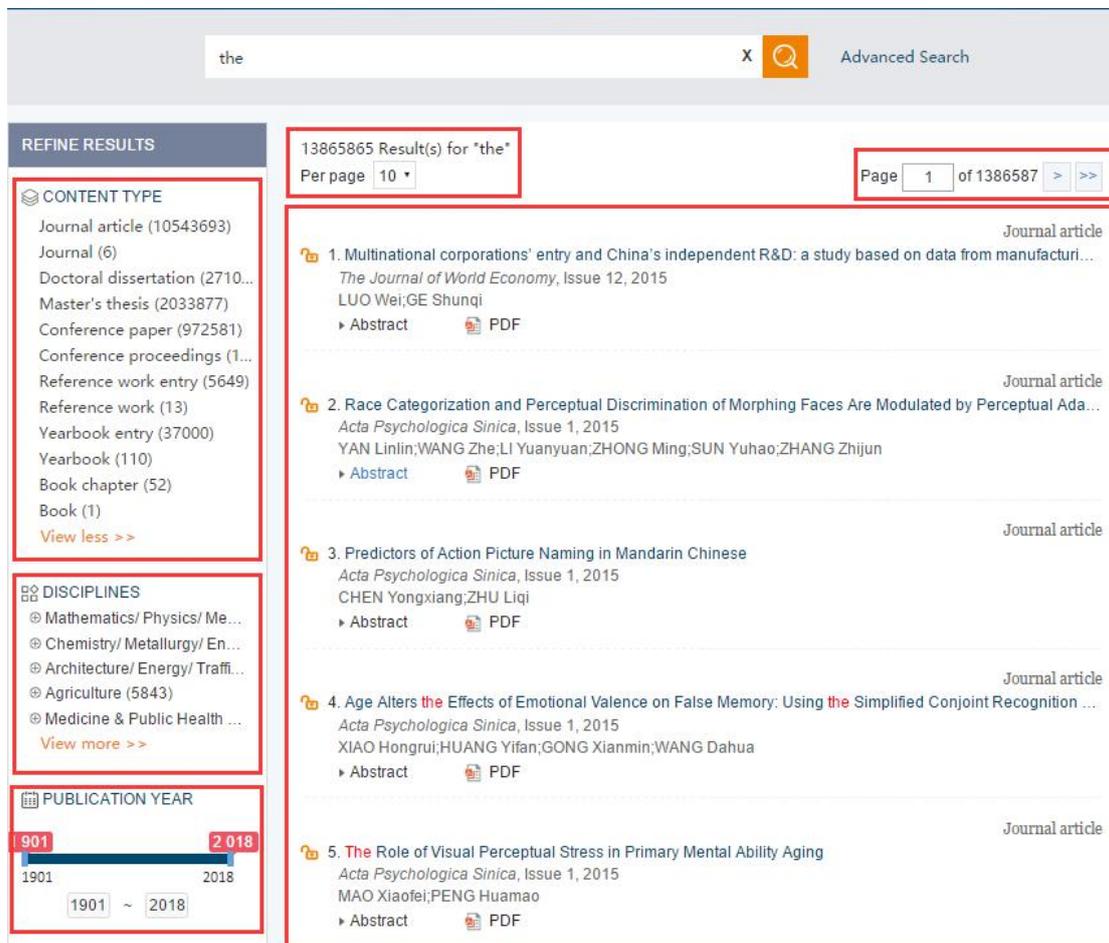


Figure 4 Search results

6.2 Advanced search

- Search conditions: two lines of searching bars are displayed by default. Users can increase or decrease the number of lines by clicking  or . The search items include Title/ Abstract/ Keywords, Article Title, Publication Title, Author, Affiliation, Abstract, and Keywords.
- Content type: you can choose from a total of 12 different types of content including Journal articles, Journals, Doctoral dissertations, Master's thesis, Conference papers,

Conference proceedings, Reference work entry, Reference work, Yearbook entry, Yearbooks, Book chapters and Books. All types are searched by default.

- Publication year: you can drag the timeline or enter the publication year to set the publication period.

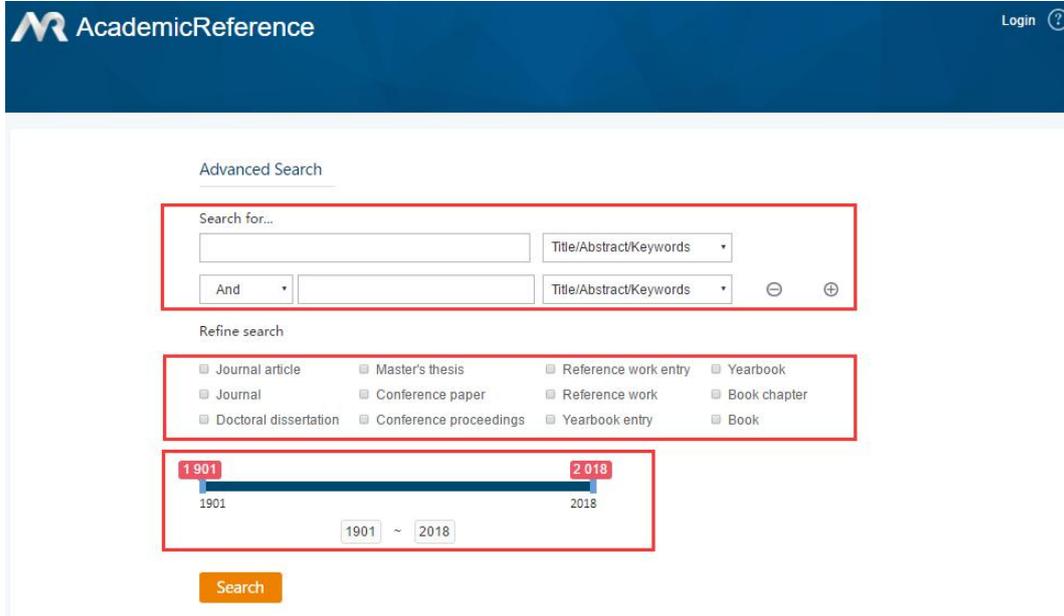


Figure 5 Advanced search

6.3 Search within publication

Search within publication box can be found at the top of a single publication displaying page (Figure 7, 8). The search scope contains articles or entries of journals, conference proceedings, books, yearbooks, or reference books. The searching condition as default is subject searching, and the search results are shown in Figure 6.

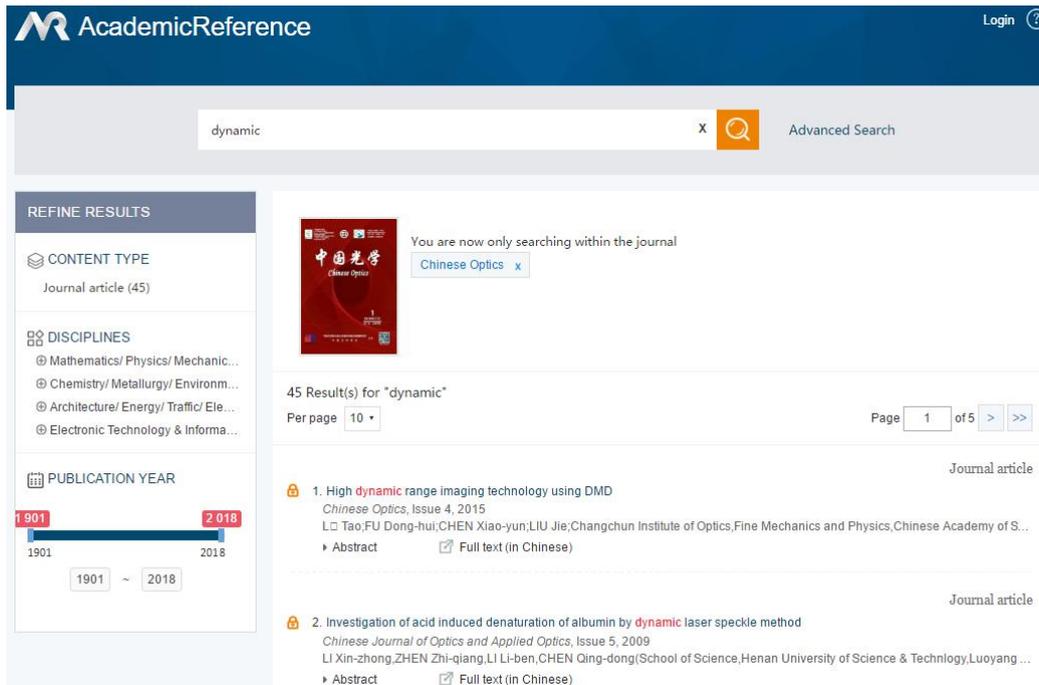


Figure 6 Search results within a publication

7. Single Publication Display Page

The single publication page shows basic information of single journal, conference proceeding, book, yearbook, or reference book, and the articles or entries it has included.

7.1 Single journal and yearbook page

Single journal and yearbook page are similar. Take a journal page for example (Figure 7), it mainly shows the following contents:

- Journal basic Information, including cover of the journal, impact factor, ISSN, coverage, number of articles, downloads, etc.
- Browse by Year & Issue: it shows publication year and issue of this journal. Click a specific year or issue to reveal the article list.
- Table of Contents: it shows articles of the latest issue by default. Click a title then it goes to the article page.
- Search within this journal: search within all issues of this journal.

The screenshot displays the AcademicReference interface for the journal 'Chinese Optics'. At the top, there is a search bar with the text 'Search within title, abstract, keywords' and a magnifying glass icon, followed by a link to 'Advanced Search'. Below this, the journal title 'Chinese Optics' is shown with a lock icon. To the right, there is a search box labeled 'Search within this journal'. The main content area is divided into three sections: 'Browse by Year & Issue' with a grid of years from 2007 to 2017 and an 'Issue 01' button; 'Table of Contents' showing 17 results, with the first three articles listed: 'Recent progress in terahertz dynamic modulation based on graphene', 'Theory and application of coding metamaterials', and 'Recent advances in terahertz digital holography', each with links to 'Abstract' and 'PDF'; and a sidebar on the right featuring the journal cover, a 'Get Access' button, and metadata including Impact Factor (2.069999), ISSN (2095-1531), Available years (1998-2017), Articles (372), and Downloads (0).

Figure 7 Single journal page

7.2 Single book, reference work and conference proceeding display

Display of Book page, Reference work page, and Conference Proceeding Page are similar. Take a book page for example (Figure 8). It mainly shows the following contents:

- Book basic Information, including book cover, author, publisher, ISBN, etc.
- Book chapter information: it shows the number of chapters and chapter-titles of the

book. Online reading and PDF download are available.

- Search within this journal: search within all chapters of this book.

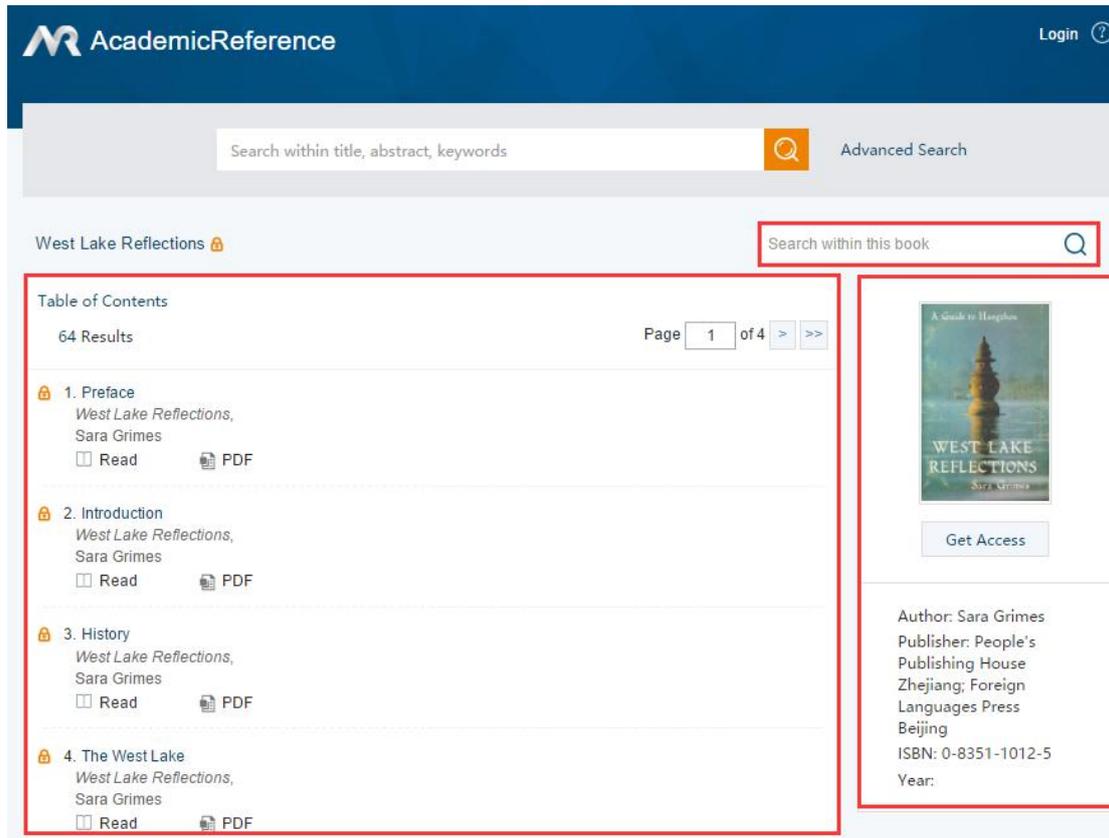


Figure 8 Single book page

8. Single Article Node Site

Click the title of an article or entry on the search results page or the single publication page, then the article/entry page shows.

8.1 Article's node site for journal, doctoral dissertation, master's theses, and conference paper

Display of a single journal article page, doctoral dissertation page, master's thesis page, and conference paper page are similar. Take a journal article page for example (Figure 9). It mainly shows the following contents:

- Article basic Information: including the source journal, article title, author, affiliation, DOI, downloads, cited frequency etc. It provides PDF download when the article has English full-text, or provides Chinese full-text links of CNKI overseas website <http://oversea.cnki.net> when the article only has English abstract.
- Article's key information: including Keywords, Abstract, Figures & Tables, References, the core content of the article.
- Similar documents: according to the title, it shows links of resources similar to the article.
- Sharing: you can share articles to Facebook, Twitter, LinkedIn, and Email.

The screenshot shows the AcademicReference website interface. At the top, there is a search bar and a navigation menu. The main content area is divided into several sections:

- Article Information:** Title "Teaching English as intercultural education Challenges of intercultural communication", author "Sheng Li", and a "Download PDF" button.
- Keywords:** A list of keywords related to the article.
- Abstract:** A summary of the article's content.
- Figures & Tables:** A section containing three figures: a world map showing the share of women in ambassadors, a scatter plot of the Schwartz model of value relations, and a circular diagram.
- References:** A list of references cited in the article.
- Similar documents:** A sidebar on the right showing related articles and their titles.
- Social Media:** A row of social media sharing icons (Facebook, Twitter, LinkedIn, Email) at the bottom right.

Figure 9 Journal article page

8.2 Article's node site for yearbook and reference work

Display of yearbook entry page and reference work entry page are similar. Take a yearbook entry page for example (Figure 10). It mainly shows the following contents:

- Yearbook Information: including title, publication year, and other basic information of the source yearbook
- Yearbook entry information: including title of the entry, PDF download button,

download frequency, same-subject entry or same entry in other years, etc.

- Similar documents: according to the entry title, it shows links of resources similar to the entry.
- Sharing: Users can share entries to Facebook, Twitter, LinkedIn, and Email.

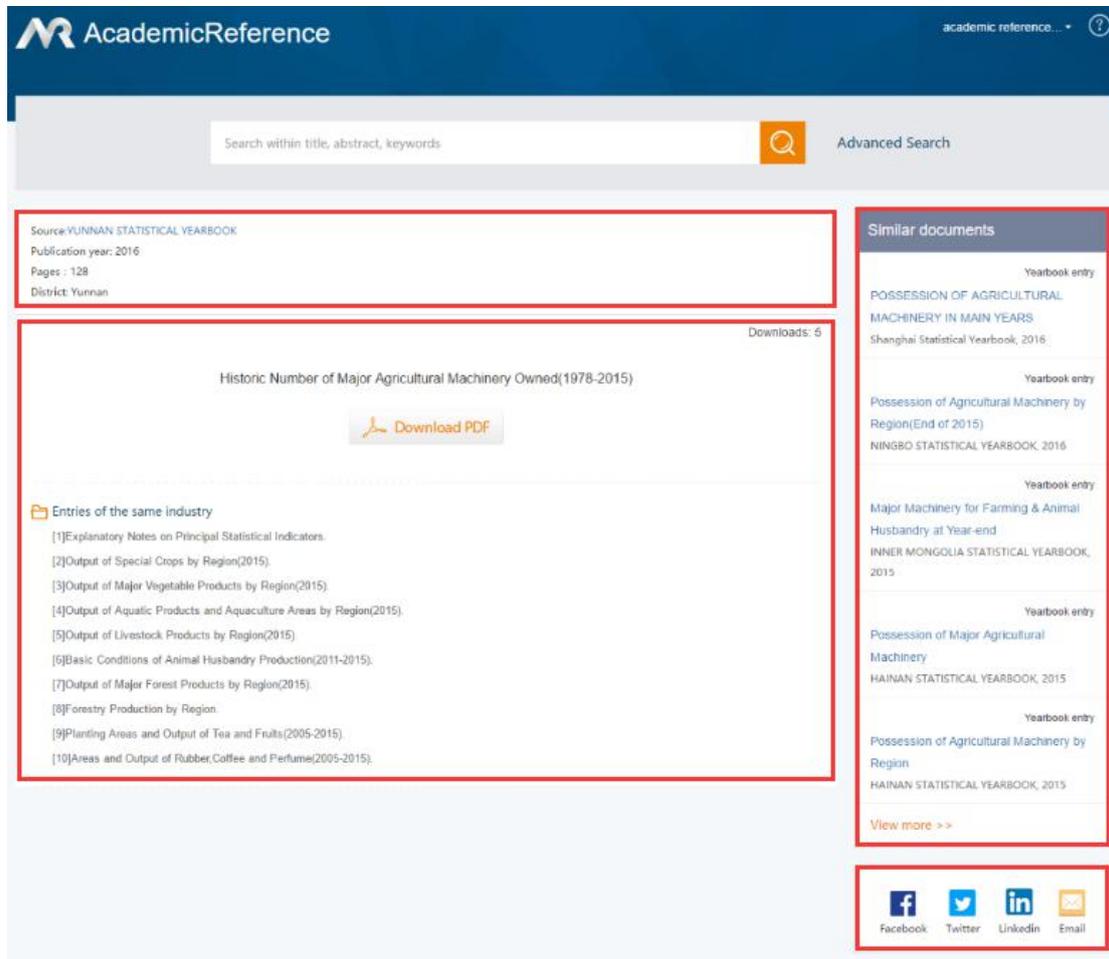


Figure 10 Yearbook entry page

8.3 Book chapters

It provides online reading of book chapter, and mainly shows the following contents (Figure 11):

- Book information: including the book cover, PDF download button of the chapter, etc.
- Catalogue: it shows the entire catalogue of the book. You can drag the scroll bar to view the entire catalogue.
- Page: it shows the content of the chapter.
- Search within the book: users can search in this book with the term highlighted in the result.

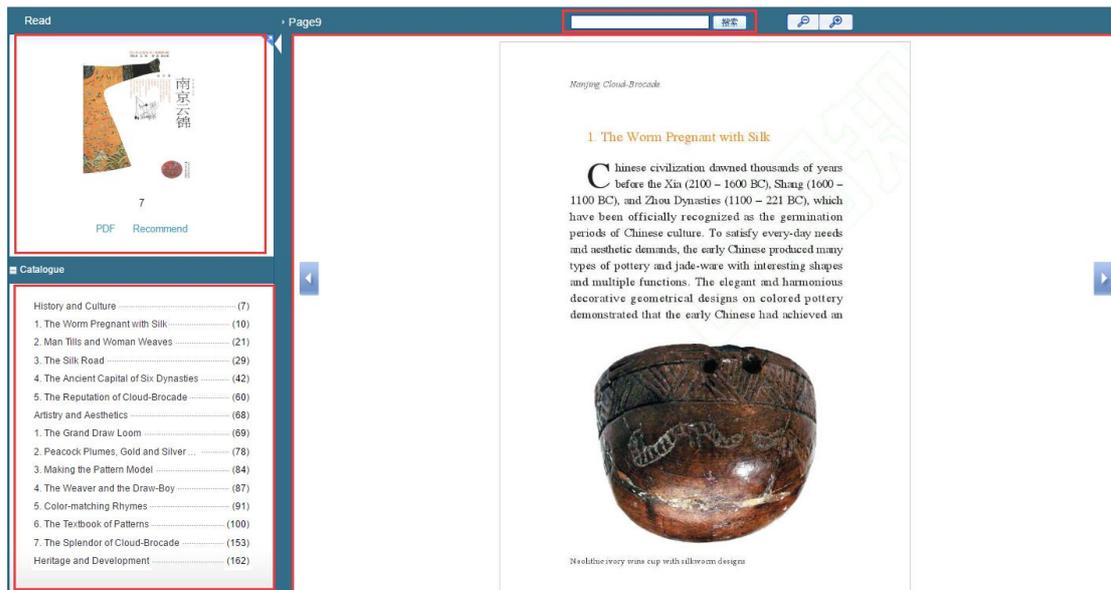


Figure 11 Book chapter page

9. Bilingual Glossary

- List of glossary terms: it shows the number of terms, Chinese Terms, English Terms and their Source (Figure 12).
- DISCIPLINES: it shows the number of terms in the ten series. After selecting multiple subjects or series, the corresponding terms are displayed on the right.
- Search within bilingual glossary: you can search terms within the glossary, and the search results are displayed on the current page with the search term highlighted.

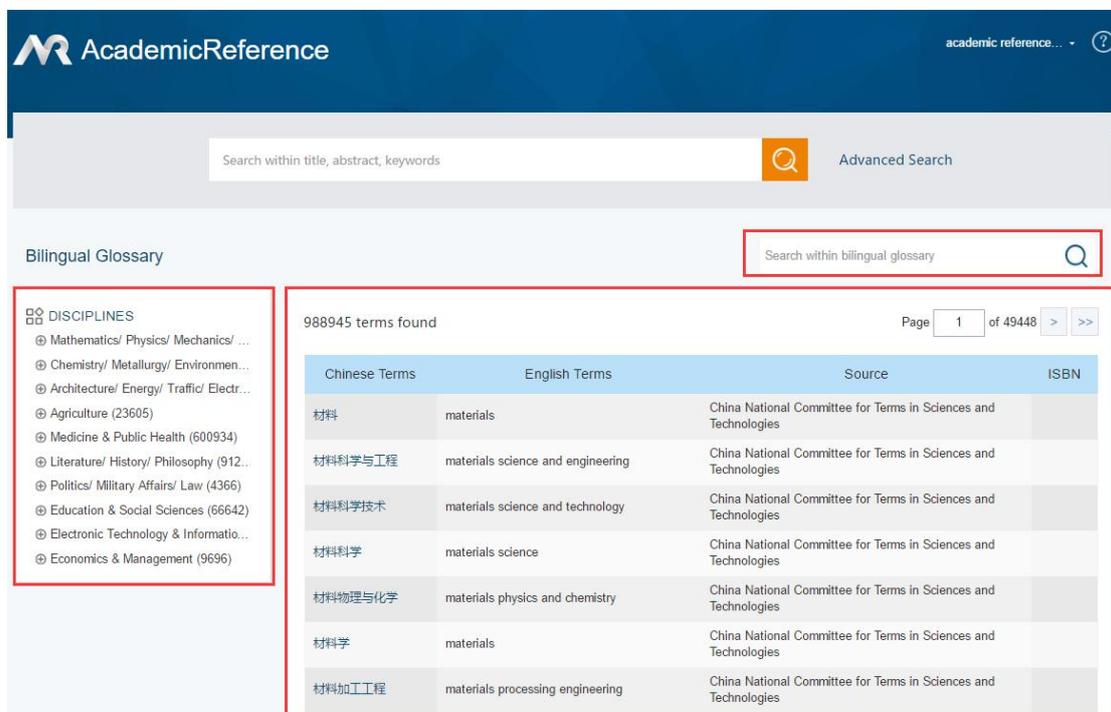


Figure 12 Bilingual glossary page