

User Guide

of

CNKI Academic Reference Database

CNKI October, 2023

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# 1. Introduction

Academic Reference is designed to provide an 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, etc. The platform integrates high-quality English resources published in mainland China, including over 15.5 million English abstracts from first-class journals, proceedings, doctoral dissertations, and masters' theses, and more than 2.7 million full-text articles. It allows cross-database search across these articles, English books, yearbooks, and reference books.

# 2. Resources

As of October 2023, Academic Reference included a total of 15.5 million English abstracts and more than 2.7 million English full-text articles. It includes 616 thousand full-text journal articles, 11.9 thousand doctoral dissertations, 148 thousand master's thesis, and 751 thousand conference papers. Meanwhile, Academic Reference collects 938 English books, 171 English Yearbooks and 989 thousand bilingual terms.

# 3. Functions

- Navigation: Full text and abstract only, discipline navigation and content type navigation. It helps narrow down the searching range and provides quick access to information.
- Subscribed: Subscribed function helps users to screen their subscribed literature resources, it is displayed only if you are logged in.
- 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 in7 different dimensions, select 11 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 <u>https://oversea.cnki.net</u> when the article contains only English abstract.
- > Online reading: English books are available for online reading.

# 4. Login

# Homepage: https://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

Academic Reference	×
Login	
Login via your account	
Username	
Password	
Login	
Login via IP	
IP Login	

Figure 2 Login interface

# 5. Homepage

Academic Reference homepage (Figure 3) mainly includes five 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. Quick entry of publications: including English Journals, Translated Journals and English Books.
- 3. Classification navigation of ten subjects: classify all resources according to ten subjects, and click to view the literature of the corresponding disciplines.
- 4. Publications: English Journals, Translated Journals and English Books.
- 5. Resources: including journals, doctoral dissertations, master's thesis, conference papers, book chapter, bilingual glossaries and yearbook entry.





E 15,56 Abstrac	<b>8,554</b>	English Jour	nals	324 Translated Journals	<b>∃ 938</b> English Books 〉					
	Subjects									
		Cla	ssification navigation of te	n subjects						
Mathematics/ Physics Astronom	s/ Mechanics/ C ny Envi	hemistry/ Metallurgy/ ronment/ Mine Industry	Architecture/ Energy/ Traffic/ Electromechanics, etc	Literature/ History/ Philosophy	Electronic Technology & Information Science					
Agricultur	) re Polit	ics/ Military Affairs/ Law	Education & Social Sciences	Medicine & Public Health	Economics & Management					
		Origit	English Journals nal English Journals published in Chin	a						
Can Resea Con Concer Rese	nal of Nar	no-Micro tters	Cotolysis Cotolysis	Journal of Materials Science & Technology	Acta Pharmaceutica Sinica B					
		Hinh-nual	Translated Journals	Publi	cations					
Reinfield &	em Procee	Rena fifta	Ry Chinese Jobinate Parkated into E	A St P C S L C	(小)가 가 나 나 나 나 나 나 나 나 나 나 나 나 나 나 나 나 나 나					
			English Books							
China's Nucl Inserprety Pages Sectors		Set of the	Commentations	DYNAMIC CAME with the Street manual and the						
			Resources							
<b>12,331,969</b> arti Journal article	icles	448,709 articles Doctoral dissertation	<b>3,367,8</b> Master's	889 articles thesis	1,237,610 articles Conference paper					
	<b>66,463</b> chapters Book chapter		<b>988,945</b> items Bilingual Glossary	<b>1,235,602</b> article Yearbook entry	s					

Figure 3 Homepage

# 6. Search

Academic Reference 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.
- ➤ Show 10 records per page.
- 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.
- ➤ Subscribed Filter: displays subscribed resource records.
- AVAILABILITY: Or full-text filtering. If abstract only is selected, the search result list only displays data with English abstract; if full text is selected, the search result list displays data with English full text.
- 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. It includes journal articles, doctoral dissertations, master's thesis, conference papers, yearbook entry, book chapters, English journals, translation journals, conference proceedings, yearbook, and English books.
- 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. Select a subject to expand the discipline under that subject, and uncheck it to fold the subdiscipline under that subject. You can choose multiple subjects or disciplines.
- PUBLICATION YEAR: you can drag the timeline or enter the publication year to filter.
   Yearbook and conference proceedings do not support this function.
- 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 fulltext in English, or provides Chinese full-text links of CNKI overseas website <u>https://oversea.cnki.net</u> when the article only has English abstract.

Subscribed	116,452 results for "agriculture"	Order by Relevance 🗸
AVAILABILITY Abstract only Full text	Journal article Full text access 1. Agriculture, Forestry and Water Resources Gazete of the State Council of the People's Republic of China, Issue 36, 2007 Abstract PDF	
CONTENT TYPE Journal article (64,668) Conference paper (7,053)	Journal article Full text access 2. Technology and Infrastructure Considerations for E-Commerce in Chinese Agriculture 中国农业科学(英文)(), Issue 01, 2007 CEU OD Mark J FULT Res Hard MARK OF Bernstmark of Direct Device OL 05515, UD02 In	Sibile of Network Descurses and
Doctoral dissertation (6,215) Master's thesis (30,230) Book chapter (167)	OENO SINT, REN TIARZITI AITO TYPINO MAUTINAST Department of Plant Sciences, University of California, Davis CR 990 (0, USA2 ins     PAbstract     PDF	suute of Natural Resource and
View more >> DISCIPLINES Mathematics/ Physics/ Mechanics/	Sourmal article Full fext access 3. A Future with Hope: China Agriculture Outlook 2007 中國対外現局(英文版), Issue 14, 2007 ト Abstract PDF	
Astronomy Chemistry/ Metallurgy/ Environment/ Mine Industry Architecture/ Energy/ Traffic/ Electromechanics, etc Andiculture	Journal article Full text access 4. Well-Developed Agriculture Boosts Czech-China Trade Exclusive interview with H.E. Peter Gandalovic, Minister of A 中國対外貿易(成文版), Issue 12, 2007 Sun Yongjian Guo Yan ▶ Abstract PF	Agriculture of Czech Republic
Medicine & Public Health     View more >>  PUBLICATION YEAR	Journal article Full text access 5. Delineation and Scale Effect of Precision Agriculture Management Zones Using Yield Monitor Data Over Four Years 中国农业科学(英文策), Issue 02, 2007 U Xiang J, 2 PRN Yu -chun, 16 - Zhong-qiang3 and ZHAO Chun-Jiang1 1 National Engineering Research Center for Information Techni	ology in Agriculture, Beljing 100
1901 2022 1901 2022	▶ Abstract DDF Journal article Full text access	
1901 – 2022	6. Ten No.1 Documents Released After the Adoption of the Reform and Opening-up Policy by the Central Committee o 当代中国人口(疫文版), Issue 04, 2008 Zhu Hezhong Abstract アDF	f the CPC on the Issues of

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 11 different types of content including Journal articles, Conference papers, Doctoral dissertations, Master's thesis, Book chapter, Yearbook entry, English Journals, Translated Journals, Conference proceedings, English Books and Yearbook. All types are searched by default.
- Publication year: you can drag the timeline or enter the publication year to set the publication period.



#### Advanced Search

		-	Title, Keywo	rd and Abstract	~
And 🗸			Title, Keywo	rd and Abstract	~
lefine search					
] Journal article	Master's thesis	English Journal	ls	English Books	
Conference paper	Book chapter	Translated Jour	mals	Yearbook	
Doctoral dissertation	Yearbook entry	Conference pro	oceedings		
01			2 022		
901			2022		
	1901 ~ 2022				
Search					

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.

Acta Me	ətallurgi	ica Sinio	ca(Engli	sh Lette	ers)							Fe-based amorp	ohous alloys	× (
Browse b           2022           2009           1996	2021 2008 1995	9 2020 2007 1994	2019 2006 1993	2018 2005 1992	2017 2004 1991	2016 2003 1990	2015 2002 1989	2014 2001 1988	2013 2000	2012 1999	2011 1998	Fold >> 2010 1997		
Table 14 Arti	of Conte cles	ents											Impact Factor: ISSN: 1006-719 Articles: 4078 Downloads: 114	1.047 91 1190
Journa 1. In situ 金尾学打 Liangyu ► Abstr	Journal article Full text access 1. In situ SR-CT Experimental Study on the Directional Sintering of High-Temperature Superconductor YBCO Materials in the Microwave Fields 金厚开现(英文版), Issue 01, 2002 Lianguau Mang.Lei Shen, Yongoun Li Yuanje Wang,Yu Xiao Xingyi Zhang, Feng Xu, Xiaofang Hu, CAS Key Laboratory of Mechanical Behavior and Design of Material  Abstract 论 PDF													

Figure 6 Search results within a publication

# 7. Single Publication Display Page

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

## 7.1 Single journal page

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.

Acta Oceanologi	ca Sinica										Search within this	s journal		4	x	Q
Browse by Volume	2015 2014	2013	2012	2 2011	2010	2009	2006	2005	2004	2003	Unfold >>			co ogi Sir		
Table of Contents 1 Articles Journal article	S Full text access			3	}								Constant of		<b>1</b>	
1. Impact of Phase Ⅲ 海洋学报(英文版), Issu JIN Zuowen;ZUO Cha ▶ Abstract	Project of Maji Mo ie 12 , 2017 ngsheng;WANG Zhizu PDF	untain Port (	on sedimer	nt siltation i	in adjaceni Sciences, O	t sea area cean Univers	ity of China;E	East China Si	ea Branch of	State O	ceanic Admi	in is Ai D	npact Factor: SSN: 0253-50 rticles: 3776 ownloads: 11	0.404 5X 9929	1	

Figure 7 Single journal page

## 7.2 Single yearbook page

Take a yearbook page for example (Figure 8), it mainly shows the following contents:

- Basic information of publications: including yearbook cover, sponsor, ISBN, and literature quantity.
- Publication year selection: provide all published years of this publication, and select a year, that is, the corresponding literature list will be displayed below.
- Literature list: the content list of the latest year is displayed by default, and the list is folded according to the hierarchical relationship.
- > Search within this yearbook: search within the current yearbook content.



CHINESE ACADEMY OF GEOLOGICAL SCIENCES Annual REPORT	Search with	nin this yearbook 4 x Q
Browse by Volume 2 2015 2014 2013		2014 Annal REPORT
Table of Contents 3		
Project SinoProbe successfully developed the 10000-m drilling rig "Crust No.1", which set up a technical basis for lau 1-2	B	Constant and Const
■ SUMMARY 4	Ľ	1
■ Editorial Board 5	Ľ	Publisher: 地质出版社
Preface     6-9	Ľ	ISBN: 978-7-116-09480-2
Chapter I General Development     13-	14 🛃	Available: 2014
Chapter II Human Resources and Finance 15	Ľ	
Chapter III Research Institutions and Major Scientific and Technological Achievements	43 🔎	
Chapter IV Major Awards for Scientific and Technological Achievements	53 🔎	
Chapter V CAGS Xinhualian Science and Technology Award     54-	67 🔀	
Chapter VI Top 10 Geological Scientific and Technological Advances 68-	72 🔀	
Chapter VII Key Laboratories and Scientific and Technological Research Platforms     73-	102 🔀	
Chapter VIII International Collaboration and Academic Exchanges	-117 🔀	
Chapter IX Graduate Education and Postdoctoral Work	-123 🔀	

Figure 8 Single yearbook page

#### 7.3 Single book page

Take a book page for example (Figure 9). 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 is available.
- Search within this journal: search with in all chapters of this book.

Imperial Gardens	Search within this book	Q
Table of Contents 17 Articles	IMPERIA GARDEIN Galard For	5
Book chapter No access 1. Map of Distribution of Imperial Gardens Imperial Gardens, 2012 Cheng Liyao Read		St. Converse 4 Anna Other Books
Book chapter No access 2. Travel Guide to the Summer Resort at Chengde andScenic Spots in Its Vicinity Imperial Gardens, 2012	Get Acces	s
Cheng Liyao	Author: Cheng Liyao Publisher: China Arct	nitecture &
Book chapter No access 3. Editor's Note	Building Press ISBN: 978-7-112-138	16-6
Imperial Gardens, 2012 Chows Lives	Year: 2012	

Figure 9 Single book page

#### 7.4 Single conference proceeding page

Take a book page for example (Figure 10). It mainly shows the following contents:

- Conference proceeding basic Information, including Conference proceeding cover, institute, year, downloads, etc.
- > Conference proceeding information: it shows the number of articles of the conference

proceeding.

Search within this conference proceeding: search with in all articles of this conference proceeding.



Figure 10 Single conference proceeding 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 11). 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.



International Journal of Plant Engineering and Management Issue 03, 2007, Pages 154-159 Download PDF	Similar documents
Downloads: 80 Cites: 0	Journal article An Elastic Absorber Theory for a Thin
An Investigation of Vibration Reducing on a Machine Tool WANG Kai WANG Bei, WU Rui-zhi School of Mechanical and Instrumental Engineering Xi'an University of Technology Xi'an 710048, P.R. China	Fabric Sheet 东华大学学报(英文版), Issue 03, 2007
DOI: CNKI:SUN:GJSY.0.2007-03-007	Journal article
Keywords     steel balls, vibration absorber, orthogonal experiment, vibration acceleration	Numerical analysis of flow and heat transfer behavior in fin-tube flat-plate solar collector 給尔與工业大学学报(英文版), Issue 02, 2007
Abstract In order to reduce the vibration on a machine tool,more orthogonal experiment schemes have been designed, which are based on the steel balls vibration reducing principle. After experiments the optimal reducing vibration scheme was determined. This kind of vibration reducing scheme is used in steel balls vibration absorber, which can be used to reduce vibration magnitudes of a machine tools under the working conditions, whereby improving machining precision. The suggested experiment method is of useful reference in reducing vibrations on other machine tools too.	Journal article Fuzzy Control of Semi-Active Suspension Based on 7-DOF Tracked Vehicle 北京確工大学学院(英文版), tissue 01, 2008
References  [1] S.H.Zhao,Metal-cuttingmachine tools.Beijing: Aviation Industry Press, 1996 (In Chinese) [2] W.T.Thomson, Theory of vibration with applications (5e) Prentice-Hail, 1998	Journal article Micro-process model of hydraulic shock absorber with abnormal structural noise 中南工业大学招(纯文派), Issue 06, 2008
[3] Y.Wu, Trembling vibration ofthe machine tools cutting system and its control.Beijing: Science Press, 1993 (In Chinese) [4] W.B.Wang,etal.,Mechanic design manual.Beijing: China Machine Press, 2004 (In Chi-nese) [5] B.X.Shen.Engineering experiment design Wuham: Wuham Survey Press, 1995(In Chi-nese)	Journal article ROBUST DESIGN OF A TWO DEGREE FREEDOM SYSTEM DUE TO THE

Figure 11 Journal article page

#### 8.2 Article's node site for yearbook

Take a yearbook entry page for example (Figure 12). 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.

Source:BEIJING STATISTICAL YEARBOOK Publication year: 1994		Download PDF	Similar documents
Pages: 65+67-70			Journal article
District: 北京市			How to control air cleanness of filling
		Downloads: 2	environment effectively The Beverage Industry, Issue 03, 2007
TR	RANSPORT, POSTS AND TELECOMM-UNICATIONS		Journal article
The same entries of other years [1]NOTE FROM THE COMPILER. [2]BEJING SURVEY.			Preparation of Nano-phase Change Composite Material and Its Application in Textiles Textile Dyeing and Finishing Journal, Issue 04, 2007
[3]Average Temperature,Precipitation and Hor [4]Meteorology. [5]Main Economic and Social Indicators. [6]Main Composition of National Economy. [7]Gross Domestic Product. [8]Consumption Level of Residents. [9]Households and Population.	ours of summere		Journal article Research on the Property of Dodecyl Diethyl Betaine Surfactant Based Soaping Agent Textile Dyeing and Finishing Journal, Issue 04, 2007
[10]Population, 1993.		Page 1 of 10 > >>	Journal article Improving Union Dyeing of Chitin/Cotton Blended Fabric Textile Dyeing and Finishing Journal, Issue 04, 2007

Figure 12 Yearbook entry page

#### 8.3 Book chapters

It provides online reading of book chapter, and mainly shows the following contents (Figure 13):

- > 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 13 Book chapter page

#### 9. Bilingual Glossary

- List of glossary terms: it shows the number of terms, Chinese Terms, English Terms and their Source (Figure 14).
- 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.

Bilingual Glossary			Search within bilingual glossary	Q
DISCIPLINES Disciplination Discontinuity (Content of the second s	988945 terms found		Page 1 of 494	48 > >>
Astronomy  Chemistry/ Metallurgy/ Environment/	Chinese Terms	English Terms	Source	ISBN
Mine Industry	材料	materials	China National Committee for Terms in Sciences and Technologies	
Electromechanics, etc	材料科学与工程	materials science and engineering	China National Committee for Terms in Sciences and Technologies	
Medicine & Public Health     Literature/ History/ Philosophy	材料科学技术	materials science and technology	China National Committee for Terms in Sciences and Technologies	
Politics/ Military Affairs/ Law     Education & Social Sciences	材料科学	materials science	China National Committee for Terms in Sciences and Technologies	
Electronic Technology & Information     Science	材料物理与化学	materials physics and chemistry	China National Committee for Terms in Sciences and Technologies	
Economics & Management	材料学	materials	China National Committee for Terms in Sciences and Technologies	
	材料加工工程	materials processing engineering	China National Committee for Terms in Sciences and Technologies	
	金相学	metallography	China National Committee for Terms in Sciences and Technologies	

Figure 14 Bilingual glossary page