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## قاعدة البيانات الصينية

### Academic Reference

#### More research, more discoveries, more comprehensive

AR integrates existing English academic resources in CNKI. Types of literature include journals, doctoral dissertations and master's theses, conference proceedings, yearbooks, English books published in China and bilingual term bases, with contents covering fields as natural sciences, engineering technology, agriculture, philosophy, medicine, humanities and social sciences, etc. Whether you are a teacher, student, librarian or researcher, AR can provide you with a solid knowledge base and it will become a good helper for your scientific research.

AR product resource content covers the following disciplines (it is recommended to display pictures and texts and link to relevant pages):



[Mathematics/ Physics/ Mechanics/ Astronomy](#)





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## Literature collections

More than 1.7 million articles and chapters, 239 English journals, 160 translated journals, 684 English e-books, over 15.89 million abstracts (Note: The data continues to increase)

Who is using AR:

- AR discovers valuable research results in various industries for academic institutions, government agencies, and R&D departments.
- Academic institutions: Through online access to the AR platform, academic institutions can discover knowledge and research literature from basic science to emerging fields.
- Government agencies: AR can provide decision-making support for government agencies, promote government-led research activities, and help quickly discover high-quality, in-depth and insightful literature in social science, natural science, technology, and medical research.
- Enterprise research and development: AR helps promote enterprise innovation and improve R&D efficiency. Enterprise researchers and scientists can obtain both industry historical knowledge and current scientific research breakthroughs from AR, and gain competitive advantages for enterprise innovation.



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## China National Knowledge Infrastructure: CNKI.NET

- Online publishing platform for achievements of CNKI project
- Chinese knowledge information gateway website with complete resource types and comprehensive content
- Over 1,600 institutional customers overseas across 60 countries and regions, 32,000 institutional customers from a various of industries in Chinese mainland
- Core users ranging from top universities, research institutes, government think-tanks, enterprises, hospitals to public libraries
- Over 200 million end users, over 16 million daily visits, as well as 2.33 billion full-text downloads in 2021
- Over 20 strategic partners to build a complete global communication channel.

## China National Knowledge Infrastructure (CNKI)

The concept of National Knowledge Infrastructure (NKI) was put forward by the World Bank's 1998 World Development Report. In March 1999, with the general goal of fully opening up information channels in all aspects of knowledge production, dissemination, diffusion and utilization, and building an exchange and cooperation platform that supports knowledge innovation, learning and application in various industries across the country, Wang Mingliang proposed the construction

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of China National Knowledge Infrastructure project, which was listed as a key project of Tsinghua University.

## CNKI 1.0

## CNKI 2.0

CNKI provides professional software products and services of various resources with unified search, unified navigation, online reading and download, such as Chinese academic literature, foreign literature, dissertations, newspapers, conference proceedings, yearbooks, reference books and so on.

## Organization Knowledge Management and Service Platform (OKMS)

1. The OKMS system is a newly developed platform designed to meet the needs of various industries to foster collaboration and the curation of institutional data assets in the age of Big Data.
2. Targeted at institution-characterized research, learning and innovation problems, this platform provides whole-process knowledge management and contextual knowledge services to mine, precipitate, manage and transform hidden knowledge by connecting knowledge management and knowledge service with the organizational research and collaborative innovation process.

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3. The platform has nine core modules, including: Institutional Repository, Discovery, Collaborative Research, Collaborative Messaging, Collaborative Creation, Personal Data Management, Training, a Knowledge Community and an “Online Live” feature, which integrates personal, institutional, and external knowledge resources to give users access to a unified knowledge bank and discovery environment.
4. It achieves all-around collaboration on research and innovative work through stimulating group intelligence in the mode of open collaboration.
5. In addition, it offers personalized comprehensive solutions for various business context including decision-making, research project management, technical innovation and institutional knowledge management based on institution-characterized business.

## Core Function Modules

1. Collaborative Research: making full use of the repository, and providing a cooperative research platform targeted at different research programs.
2. Collaborative Messaging: working with multi-media, multi-mode and multi-end, realizing iterative summarize and completely process backtracking.
3. Collaborative Messaging: working with multi-media, multi-mode and multi-end, realizing iterative summarize and whole-process backtracking.

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4. Collaborative Creation: allowing many people to work together on online document compiling, discussion, reviewing, typesetting and multi-format output.
5. Project Management: customized management process, ensuring more timely control of process schedule and quality.
6. Knowledge Management: the full integration of knowledge resources in a multi-dimension and multi-source way, and applying fragmented knowledge processing method.



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## Product Strengths

The platform uses CNKI core technologies like knowledge management and digital publishing, connects CNKI Integrated Knowledge Resources Database with the institutional repository, and integrates traditional knowledge management with collaborative innovation.

## China Journal Full-text Database

**11,215 titles, 65.2 million full-text articles since 1994**

### Introduction :

- Complete: Complete collection of China journals
- High: High academic value, covering top, core and important featured journals in all disciplines
- Fast: fast and continuous publication

### Content :

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- A complete collection of both academic journals and non-academic journals published in Chinese mainland since 1915, with some of them traced back to the first issue;
- Focuses on academic, technical, policy-guiding, higher scientific and educational journals, and covers science and technology, agriculture, philosophy, medicine, humanities and social sciences, etc;
- Collects 62 million articles from 10,324 titles published in Chinese mainland, with 8,491 academic journals and 1,978 core journals, 99% of China's core journals based on Chinese Core Journal Catalogue (2014);

### Product Features :

- Complete and fast update contents: CJFD is the most comprehensive full-text database of Chinese journals in Chinese mainland. It has 1505 exclusive journals and 1978 core journals. CJFD keeps daily updates, with 648 online-first journals which publishes 3-6 months earlier than paper versions;
- Professional classification: CJFD is divided into 10 series, 168 subjects, and over 3,000 sub-subjects according to Chinese Library Classification, namely
  1. Science and Technology A (Mathematics/ Physics/ Mechanics/ Astronomy), Science and Technology B (Chemistry/ Metallurgy/ Environment/ Mine Industry),

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2. Science and Technology C (Architecture/ Energy/ Traffic/ Electromechanics),
  3. Agriculture, Medicine & Public Health, Literature/ History/ Philosophy, Politics/ Military Affairs/ Law,
  4. Education & Social Sciences, Electronic Technology & Information Science, Economics & Management;
- Diverse search methods: CJFD allows quick search, advanced search, professional search, scholar search and source search, Search in results is also available to improve the precision and recall ratio;
  - Knowledge clustering: The Knowledge Network Node displays the citation network of literature, revealing the background, basis and development of literature research.

### Values:

- To Enable Researchers from All Aspects to Comprehensively and Systematically Understand the Overall Picture of the Development of Science and Technology, Promote Knowledge Integration, Technology Integration and Innovation Breakthroughs, and Facilitate the Connection between Theory and Practice;
- To Enable Managers to Absorb Academic Research Results, Promote Scientific Decision-making and Scientific Management;

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- Promoting the Curriculum Reform, Education and Teaching Innovation and the Cultivation of Innovative Talents in Higher Education;
- Creating Conditions for Life-long Learning and Knowledge Innovation for High-quality Staff in All Sectors of Society;
- Really, openly, objectively and comprehensively reflecting the effects of the production and dissemination of academic literature, and promote the improvement of academic literature quality and scientific research performance management.

## China Monographic Serials Full-text Database

### Introduction

- ✓ These journals are sets academic materials published irregularly with profound scholarly impact.
- ✓ Each journal has an ISBN and is subjected to peer reviews, which reflects the latest research results of various disciplines.
- ✓ Covers over 803 titles with an amount of 283,690 articles.

### Content:

- ✓ Collects 803 titles and 283,690 articles since 1979;
- ✓ Mostly Edited by authors with high academic achievements in universities and research institutes;

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- ✓ Each journal has an ISBN and is subjected to peer reviews, which reflects the latest research results of various disciplines;

### Product Features:

- ✓ Only: The only monograph full-text database in China, integrating and grouping monograph resources to improve search experience;
- ✓ Professional: Highly professional content that promotes academic research in relevant fields;
- ✓ High-level: High-level articles written by high-quality authors drives the development of related disciplines with strong academic influence;
- ✓ Advanced: Represents the leading-edge development of China's academic journals.

## China Doctoral Dissertations Full-text Database & China Master's Theses Full-text Database

### Introduction

- ❖ This database includes China Doctoral Dissertations Full-text Database and China Master's Theses Full-text Database, which is a complete high quality and dynamic updated full-text database of Chinese doctoral dissertations and master's theses.

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- ❖ China's General Administration of Press and Publication approve this database. It is the first serial published electronic full-text database for doctoral dissertations and master's theses in China.

## Contents

- ❖ The dissertation Database has accumulated more than 480,000 doctoral dissertations and more than 4.81 million master's theses.
- ❖ The current cooperative units include 507 Ph.D. granting units and 787 master's degree granting units. In addition to universities, CNKI also cooperates with other 139 research institutes which are doctoral/master's degree grantors.
- ❖ The database contains the collection of doctoral dissertations and master's theses from China's 985 and 211 universities, the Chinese Academy of Sciences, the Academy of Social Sciences, and the State Key Laboratory.
- ❖ The data is daily updated, with a total of more than 400,000 articles updated annually, of which about 30,000 doctoral dissertations are published annually, and about 360,000 master's theses are published annually.



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## Product Features

- ❖ The collection and publication of manuscripts are timely, and the data is updated daily. It takes 3-7 days for online first publication and 1-3 months for official publication.

## Product Value

- ❖ China National Research Project (863 Program, 973 Program, National Natural Science Foundation, National Social Science Fund, etc) supports a large number of dissertations. The literature in database systematically discusses the results of major national research projects, which has important intelligence value.

## China Proceedings of Conference Full-text Database

### Characteristic of Resource

**10,030 academic societies and associations, 17,767 conferences, 2.2 million paper since 1953**

### Complete Coverage

- ✚ Complete coverage of proceedings from major and regular conferences
- ✚ The publications started from 1999, with part of them dating back to 1953

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- ✚ Over 2.36 million articles from 18,810 conferences have been cumulatively published so far.
- ✚ Through partnership with 10,563 academic conference organizers, the proceedings at national and international levels account for over 80% of the total collections

## International Conference Papers Full-text Database

**810,553 articles from 7,049 conferences**

- ✚ Mainly publishes literatures of international conferences hosted or organized by famous international organizations or domestic academic institutions since 2010, such as IEEE, SCIRP, SPIE, IACSIT, etc.; moreover, the papers from the consecutive conferences are collected from 1981.

### **Novel Topics**

- ✚ Reflects hot topics of various subjects, including new discoveries, controversial viewpoints, and unproved hypothesis

### **Timely Online Publication**

- ✚ Less than 30 days lag behind print publication

## China Core Newspapers Full-text Database

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## Characteristic of Resource

**634 titles, 17 million articles since 2000**

### An integration of all influential newspapers

1. Covers 634 titles of core newspapers officially published in Chinese mainland since year 2000 and 17 million articles with daily update over 8,000 articles
2. Selects all influential newspapers sponsored by governments at and above prefecture level, such as People's Daily, Jiefangjun Bao, Guangming Daily and Beijing Daily
3. Selects comprehensive newspapers founded by major newspaper groups, such as Wenwei and Southern Weekly
4. Selects industry newspapers that have great influences on specific industries and professional readers, such as Jisuanji Bao, China Chemical Industry News and First Financial Daily

### Wide coverage of contents

1. Guidelines and policies of CPC
2. Laws and regulations
3. Academic literature
4. International news and commentaries
5. Domestic news and events
6. Economic and industrial analysis

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7. Special reports on science and technology developments
8. Work experience exchanges and role models
9. Literature, arts and critiques
10. Popular science
11. Developments of education reforms
12. The developments of library science and information service
13. Policies and developments of scientific research management reform
14. Local historical materials and cultural relics protection
15. Celebrities' introduction
16. Major academic institutions introduction

## [China Reference Book Network Publishing Database](#)

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## Introduction

China Reference Book Network Publishing Database is accurate, authoritative, and credible, and it is a large online search platform for Chinese reference books.

## Content

China Reference Book Network Publishing Database has long-term cooperation with more than 120 publishing houses such as Shanghai Lexicographical Publishing House, Commercial Press, Zhonghua Book Company, etc. It has collected more than

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12,000 reference books, over 20 million entries, and over 1 million pictures, which are divided into languages, Professional and encyclopedia sub-databases.

**Language Database:** Contains Chinese character dictionary and other language dictionaries to help language learning.

**Professional Database:** Covers various professional fields such as humanities and social sciences, natural sciences, engineering technology, medicine, agriculture, education, management, information, etc. The types include professional dictionaries, manuals, catalogs, chronology, history books, textbooks and tome monographs, etc.

**Encyclopedia Database:** collects encyclopedias, dictionaries, manuals, catalogs and other reference books on history, culture, science popularization, appreciation, life, etc.

## Product Features

1. **Full-text digitization, efficient retrieval:** The full-text digitization of the paper content, combined with an efficient full-text retrieval system,

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completely breaks through the limitations of traditional reference books in terms of retrieval.

2. **Data mining:** Featured search functions for pictures and tables can help readers make better use of reference books.
3. **CNKI knowledge node association:** establish associations among CNKI academic journals, doctoral & master's dissertations, conference proceedings, newspapers, yearbooks, patents and other products, enabling jump reading of related items in different databases.

## Product Value

1. **Data in-depth processing:** It presents resources in the entire original document, and extracts the chapters, articles, charts and other elements in the book as separate entries, and added search options for titles and keywords.
2. **Wide content carriers:** In addition to text, it contains a large number of multimedia materials such as pictures, photos, and images, which expands the query dimension.
3. **Convenient retrieval:** Relying on the advanced search, condition limitation, and result sorting functions, resources can be searched across books. Compared with the traditional search method, the efficiency and accuracy of new search method are greatly improved.

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4. **Provide interactive links with other types of documents:** Journals and books of the same subject, or selected excellent network resources, can be accessed and read. Journals and books of the same subject, or selected excellent network resources, can be accessed and read.

### [China Yearbook Online Publishing Database](#)

**The first continuous publishing full-text database of yearbooks in China with CN codes (11-9126/Z)**

#### **Complete collection, authoritative content**

- Includes 4,572 titles of yearbooks with 36,571 volumes in total since 1949, 95% of the total in China.
- Includes complete data in successive years and synchronous updates with print copies.
- Wide subject coverage of all aspects concerning China social developments.
- Exclusive or sole licenses for 2,268 titles of yearbooks.
- 1,008 central-level yearbooks, 98% of the total; 2,799 local titles, 95% of the total.

#### **Entry Search**

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- Indexes and re-integrating based on each entry.
- Classified into 17 content types such as report, missions, facts, and statistical bulletin.
- Retrieves related entries from different volumes and titles.

## Navigation Options

- 4 kinds of navigation by subject, industry, region and publisher.
- 10 series and 168 subjects.
- 21 industries: geography, history, politics, military affairs, diplomacy, etc.
- 34 regions in China, including Beijing, Shanghai and other provincial regions
- 36 publishers, such as China Statistics Press, China Financial & Economic Publishing House, etc.

## Online Browse of the Original Cop

- Displays all the information of each yearbook, convenient for reading and browsing.
- Shows the original tables of contents, easy to read.
- Chinese Dictionary & Kangxi Dictionary (CNKI Edition)
- Chinese Dictionary & Kangxi Dictionary integrated the "Chinese Dictionary", "Chinese Dictionary Correction" and "Kangxi Dictionary" to collect 450,000

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single and multi-word entries, totaling more than 60 million words. It applies professional research function and knowledge association function, which can fully meet the needs of cultural and historical researchers to study the source, pronunciation, interpretation and documentary evidence of words.

## Product strengths

- Rich, exemplary, authoritative content.
- Build the knowledge system which focuses on knowledge services, and further realizes knowledge learning.
- **Various search methods:** primary search, advanced search, wildcard search, and phrase search.
- **Multiple search portals:** provide search portals such as "term", "annotation", "documents", and "category indexes".
- **Multiple matching methods:** provide "precise", "fuzzy", "wildcard" matching.

**National Standard Full-text Database & China Industry Standard**

**Full-text Database & Domestic and International Standard**

**Bibliographic Database**

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1. Includes three sub-databases of China National Standard Full- text Database, China Industry Standard Full-text Database and National and International Standards Bibliographic Database.
2. Collects domestic and international standards, providing authoritative, fast, accurate, and comprehensive standard knowledge and service for the public and institutions like universities, enterprises, and governments.

## Resources

1. China National Standard Full- text Database (SCSF) collects national standards published by the China Standard Press and issued by the Standardization Administration of China, accounting for over 90% of all national standards in China since 1950, with 54,864 entries by now.
2. China Industry Standard Full-text Database (SCHF) collects standards of 26 industries like agriculture, medicine, mechanical engineering, and railway since 1950, with 21,945 entries by now.
3. National and International Standard Bibliographic Database: collects standard bibliographic information published in China, the world's advanced countries and standardization organizations, with 546, 356 entries by now.



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## China Patent Full-text Database (CNKI Edition) & Overseas Patent Abstract Database (CNKI Edition)

### 17.7 million Patents since 1985

1. Includes three sub-databases of **invention patents**, **utility model patents** and **product design patents**.
2. Collects all patents published by Intellectual Property Publishing House of China State **Intellectual Property Office**.
3. The most complete and accurate patent database composed of images and texts, and the only database associated with technology research and technological output in China.

### **Product Strengths**

1. **Multiple search methods:** search by application number, application date, publication number, publication date, patent name, abstract, classification number, applicant, inventor, address, patent agency, patent agent, priority, etc.
2. **Multiple navigation methods:** navigation by International Patent Classification (IPC) for invention patent and utility model, and Appearance Design Classification for product design patent.
3. **Professional knowledge compilation:** customized service for individuals, professionals, digital libraries and enterprises.

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4. **Patent network:** the knowledge node of patents provides various information such as relevant patents, scientific achievements, Chinese and international standards, and academic literature.

## The National Population Census of China Database

Sample of the sixth national population census data	第六次人口普查資料示例
Includes all population data of the whole country, 31 provinces and centrally administered municipalities	
Major Figures on 2010 Population Census of China	第六次全國人口普查主要數據
Tabulation on the Population Census of the People's Republic of China	中國2010年人口普查資料
Tabulation on the Population Census of the People's Republic of China by County	中國2010年人口普查分縣資料
Tabulation on the Population Census of the People's Republic of China by Township	中國2010年人口普查分鄉、鎮、街道資料
Tabulation on the 2010 Population Census of Beijing Municipality	北京市2010年人口普查資料
Tabulation on the 2010 Population Census of Guangdong Province	廣東省2010年普查資料

### 152 titles, 329 volumes since 1982

- First-hand materials for studying basic situation and periodic development of Chinese population.

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- An exclusive collection of the census data from 2,872 counties, and 31 provinces and centrally administered municipalities.
- Content coverage: name, gender, age, nationality, permanent residence registration, education level, industry, occupation, social security, marriage, birth, death, housing, migration, etc.
- In-depth processing of all the statistical data in EXCEL format, and precise quality check by professional editors.

### CNKI e-books(Intl)

- Collects Chinese Classical Academic Works· Reveals Authoritative Academic Achievements· Highlights Chinese Humanities & Social Science Researches

### **Content Coverage & Resources Advantages**

- **Rich Collection:** Selects landmark book series and published masterpieces with typical documental value; includes over 8,000 books, with a monthly increase of over 100 books.
- **Detailed Classification:** Covers 136 subjects in 10 categories: Philosophy & Religion, Language & Literature, History, Politics/Law/Military, Economic

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& Social Sciences, China & the World, Nationality & Geography, Art, Medicine/Pharmacy/Healthcare, Science & Technology.

- **Long Publication Span:** Includes books published from 1905 to 2019, with both historical documental treasures and latest contemporary masterpieces.
- **Multiple Languages:** Steps up cooperation in English books, having established cooperative relations with China Intercontinental Press, China Renmin University Press, Central Compilation & Translation Bureau, China Architecture & Building Press, and China Social Sciences Press.

## Functions & Features

- Bilingual interface
- PDF format allows free online reading and download with no need for any plug-in or reader
- Multiple search terms (title name, author, publisher, ISBN etc.) help to quickly and accurately find the needed information
- Multiple navigation methods (browse by subjects, featured series, publisher, publication year, and language) reveal contents from more dimensions

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- Recommend system provides information sharing platform, sending readers' demands to the library by one click.

## Legal Knowledge

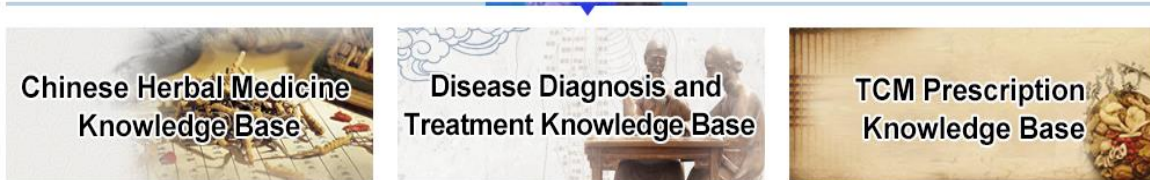
### TCM Knowledge Service

- ✓ Traditional Chinese Medicine Knowledge Service Platform
- ✓ TCM platform integrates three database (Chinese herbal medicine, disease diagnosis & treatment, and TCM prescription) and four digital libraries (anticancer research, orthopedics', otorhinolaryngology and hypertension).

#### Digital Libraries



#### Knowledge Base



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## Resources

- ❖ 21 Chinese and English databases (China Integrated Knowledge Resources Database, Springer Databases, Wiley Database)
- ❖ Over 11 million articles with annual updates of nearly 300,000 articles, with the earliest article tracked back to 1920
- ❖ 13 resource types including journals, doctoral dissertations, masters' theses, proceedings, newspapers, yearbooks, etc.
- ❖ Covers several TCM areas including theoretical studies, clinical studies, common diseases, TCM therapy, etc.





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## Three Databases

### 1. Chinese Herbal Medicine Knowledge Base

- ✓ Includes 10,583 TCM materials
- ✓ Information: illustration, nature & flavor, effects, description, dosage, production place, the chemical formula, pharmacological actions, toxic & side effects, typical prescription etc..

### 2. Disease Diagnosis and Treatment Knowledge Base

- ✓ Covers 931 common TCM diseases, 2,715 western medicine diseases and over 40,000 other diseases
- ✓ Information: causes of diseases & mechanism, clinical manifestation, diagnostic criteria, therapy, cases, etc.

### 3. TCM Prescription Knowledge Base

- ✓ Includes over 20,000 prescriptions
- ✓ Information: prescription name, sources, effects, preparation, formulas, applications, cases, etc.



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## China Art Library

### Features

- ① Five art themes: painting, calligraphy, sculpture, photography and folk art; “picture+ document” integrates art research and appreciation.
- ② “Featured Series” section focuses on masters’ works and themed handscrolls.
- ③ Covers cherished pictures from the very ancient China, completely reflecting the development and achievements of different arts in different dynasties.
- ④ Multiple browse methods: scaling up/down the original image, full-screen view, and self-adapting screen view.



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Newly Available

Paintings

Calligraphy/ Seal Cutting

Sculpture

Photography

Folk Art



群马图 图492

现代 徐悲鸿纸本 彩墨 纵109厘米 横121厘米藏徐悲鸿纪念馆此画与徐悲鸿其他画马的作品不同的是，主要描绘了两匹背向观众的马，后面配一匹侧向的马，为了使画面有变化，又在右边画了.....

[More >](#)



首届朝圣敦煌全国美术展览作品集

Editor-in-Chief : 《首届朝圣敦煌全国美术展览作品集》编委会 编

Publisher : People's Fine Arts Publishing House

Publishing House

Publish Date : 2013-09

ISBN : 978-7-5527-0166-1

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[More >](#)

中国画家精品集系列·韩学中

Editor-in-Chief : 肖宇 主编

Publisher : Sichuan Fine Arts Publishing House

Publishing House

Publish Date : 2012-11

ISBN : 978-7-5410-5120-3

[More >](#)

## Resources

- ① Painting albums and art pictures in the fields of painting, crafts, calligraphy, sculpture, photography, etc.
- ② Cooperates with top art presses, collecting 1000 painting albums and 150,000 cherished pictures.
- ③ 722,000 articles from journals, conference proceedings, doctoral dissertations and master's theses.

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### Featured Series



**FINE ARTS IN CHINA IN THE THREE DECADES SINCE REFORM AND OPENING UP**

改革开放以来的30年,中国人民以波澜壮阔的创新实践,谱写了中华民族自强不息、顽强奋进的壮丽史诗,促使中国面貌发生了历史性巨变。同时,改革开放也激发了当代中国美术繁荣发展的活力。为回顾30年中国美术发展的历程,展示

[More >](#)



**COLLECTION OF ARTS AND CRAFTS MASTERS OF CHINA**

工艺美术有着悠久的历史、高超的技艺和丰富多样的风格,它是中华民族造型艺术的重要组成部分,还曾是传统农耕社会里最重要的技术力量。本丛书从获得“中国工艺美术大师”荣誉称号的手工艺人中选取符合条件的研究对象,

[More >](#)



**Classical Chinese Paintings in Foreign Collections**

《海外藏中国历代名画》收录海外所藏中国名画包括彩陶画、壁画、卷轴画、线刻画、版画等,按时代分为八卷。第一卷,收录原始社会时期至唐代的绘画;第二卷,收录五代时期至北宋的绘画;第三卷,收录南宋的绘画;第四卷,收

[More >](#)

## Values

- ① Provides teaching reference for art colleges.
- ② Facilitates the popularization of public libraries, museums, and exhibition centers.
- ③ Integrates picture research (artistic style, artistic expression, work interpretation) and theory research
- ④ Inspires your art creation while appreciating.

## China Data Insights

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- ✓ China Data Insights (CDI), the newly-improved English version of China Statistical Yearbooks Database (CSYD), integrates multiple functions of statistical data search, data mining analysis, and personal data management.
- ✓ It collects authoritative statistical yearbooks of all Chinese provinces and provides English users with the most comprehensive statistical data of the social development in contemporary China.

## Abundant and Authoritative Resources

- ✓ Full coverage of data in all industries.
- ✓ Over 1,086 titles of statistical yearbooks, 1.4 million tables, and 13 million indicators.

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- ✓ 18 major fields: national accounts; fixed asset investment; finance; agriculture, rural areas, and peasants; industry; politics; law, etc., involving various aspects of social development.

## Powerful Functions

- ✓ Statistical yearbooks published and issued by all provinces of Chinese mainland.
- ✓ Progress data from National Bureau of Statistics and General Administration of Customs.
- ✓ International data from Organization for Economic Cooperation Development (OECD), United Nations Educational, Scientific and Cultural Organization (UNESCO) and United Nations Development Program (UNDP)
- ✓ CDI provides navigation and search function from three dimensions of yearbooks, tables, and indicators.
- ✓ CDI allows users to download customized tables according to selected variables including regions and time sequence.
- ✓ CDI provides individual users with the function of paying online by tables.
- ✓ CNKI Journal Translation Project

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## Characteristic of Resource

### Top Project

- ✓ JTP aims to help non-Chinese speaking scholars to access Chinese research findings by selecting and translating top Chinese academic journals.

### Top Journals

- ✓ Top journals are selected considering their impact factors, journal ranking, SCI, SSCI & EI indexing and the evaluation of Academic Advising Committee.



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## Top Articles

The selected articles reflect Chinese academic innovation on the international research frontiers and the significant issues of Chinese politics, economy, and culture.

## Top Translation

Top translators, editors, and QC experts from renowned universities and research institutions, with excellent academic background and proficiency in Chinese-English translation.

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## Top Value-added Services

A. Four versions of on-line reading: English, Chinese, side-by-side bilingual, pop-up bilingual

**Novelty Point:** reflecting the most valuable part of the article

**Knowledge Link:** online explanation of the key knowledge points

**Academic Progress:** summarizing the key contents and rephrasing it in the form of news release

## Academic Focus



### One-stop access to English journals and international proceedings of conference published in China

1. Includes 147 China original English academic journals, 141 top academic journals in English version with over 303,406 articles, 4,867 proceedings of important international conference with over 518,401 articles;

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2. It has the longest time of span concerning its collection of China English journals, with the earliest ones traced back to 1935;
3. Provides an English academic platform with top social science and STM achievements in China for overseas enterprises, universities & colleges, and academic research institutions;

### **Exclusive resources of superior disciplines**

- ✓ Collects nearly 140 journals on China superior disciplines and exclusive English journals in China Studies, providing professional readers with Chinese academic viewpoints and scientific research findings beyond the reach of other common databases.

### **Professional editing and intelligent push**

- ✓ Provides customized services and recommends related articles readers need most, making research more effective and time-saving.

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The screenshot displays the library's search results interface. At the top, there are navigation links for 'Home', 'Collections By Topic', and 'Title Browse'. A search bar is present with a dropdown menu showing 'Article' and 'Publication'. Below the search bar, the page indicates '521831 Results found'. On the left side, there are two main filter sections: 'Screen by Publication Type' (with options like 'All Results', 'Original Journals', 'Translated Journals', 'Proceedings of Conference') and 'Screen by Subjects' (with options like '(4) Mathematics/ P...', '(I) Electronic Techn...', '(B) Chemistry/ Meta...', '(C) Architectural/ En...'). The main content area shows two search results with details such as author, keywords, journal name, and publication date. On the right side, there is a 'Search Results' box with the text '一站檢索' and a 'Feedback' form with the text 'Please let us know what topic you are interested in? What do you like or dislike about it? Do...'. At the bottom right, there are social media icons for WeChat, Weibo, and others.

Academic Reference

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AR

Your gateway to China latest research development

Search within title, abstract, keywords

Advanced Search

## Resource Features

- 1. Unique product:** The only "bibliography + full-text" English platform integrating journals and books in China.
- 2. Huge resource amount:** 13 million entries of abstracts, 1.2 million full-text articles.
- 3. Comprehensive resource types:** journals, dissertations & theses, conference proceedings, yearbooks, reference works, e-books, glossary.
- 4. High-quality resources:** all the resources are strictly selected based on reasonable standards.

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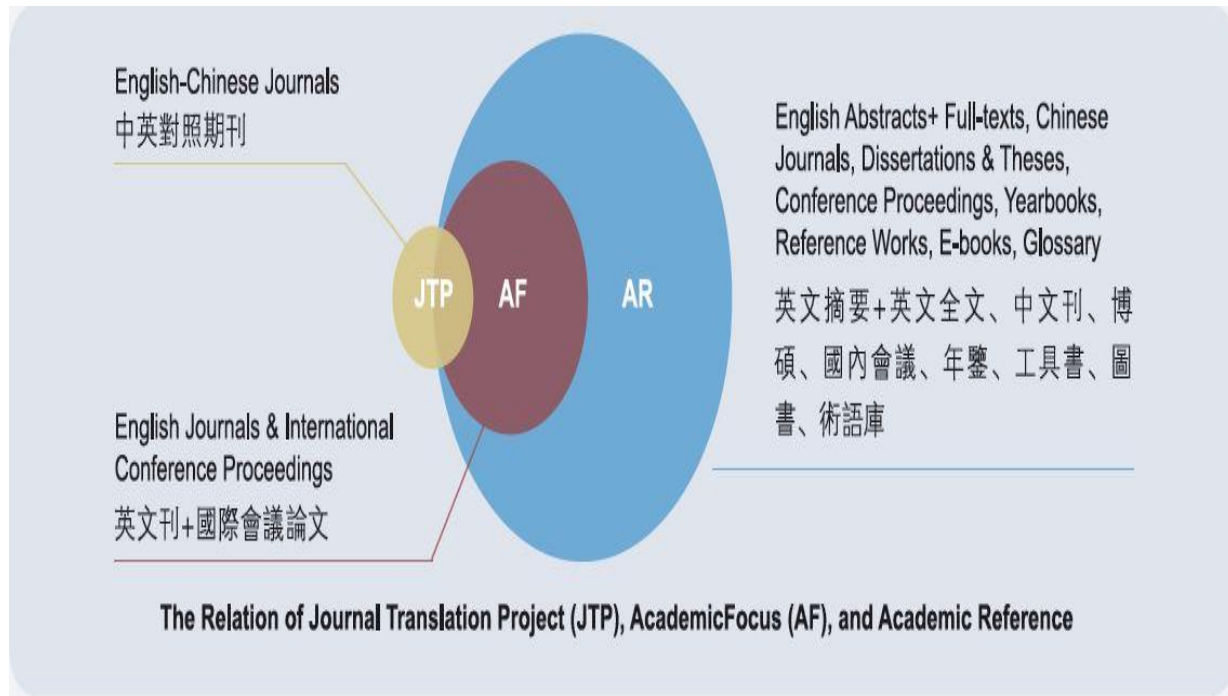


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## Function Feature

1. Supports one-stop search of English journals and books
2. Displays deeply-indexed pictures, tables and formulas
3. Offers similar documents of different resource types
4. Allows online browse of e-books and reference works
5. Provides Chinese full-text link for documents merely with English abstract

Offers free use of English-Chinese glossary



## China Citation Database

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- ✓ China Citation Database is a document database with special retrieval function, which is established based on CNKI databases and supplementary references and notes of some important periodical literatures.
- ✓ By introducing the mutual citation relationship between various types of documents, China Citation Database can not only provide a new communication mode for scientific research, but also can be used as an effective scientific research management and statistical analysis tool.

## Product features

1. As the largest and most complete citation database in China, it provides objective, accurate and complete citation index data;
2. It can provide relevant statistical analysis data for an object or topic, and relevant comparative analysis data obtained by the data analyzer for the use of relevant researchers and scientific research departments;
3. Provide basic data for relevant evaluation work.

## Organization Knowledge Management and Service Platform (OKMS)

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1. The OKMS system is a newly developed platform designed to meet the needs of various industries to foster collaboration and the curation of institutional data assets in the age of Big Data.
2. Targeted at institution-characterized research, learning and innovation problems, this platform provides whole-process knowledge management and contextual knowledge services to mine, precipitate, manage and transform hidden knowledge by
3. Connecting knowledge management and knowledge service with the organizational research and collaborative innovation process. The platform has nine core modules, including:
  - ✓ Institutional Repository, Discovery, Collaborative Research, Collaborative Messaging, Collaborative Creation, Personal Data Management, Training,
  - ✓ A Knowledge Community and an “Online Live” feature, which integrates personal, institutional, and
  - ✓ External knowledge resources to give users access to a unified knowledge bank and discovery environment.
  - ✓ It achieves all-around collaboration on research and innovative work through stimulating group intelligence in the mode of open collaboration. and
  - ✓ It offers personalized comprehensive solutions for various business context including decision-making, research project management,

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technical innovation and institutional knowledge management based on institution-characterized business.

## Core Function Modules

1. **Collaborative Research:** making full use of the repository, and providing a cooperative research platform targeted at different research programs.
2. **Collaborative Messaging:** working with multi-media, multi-mode and multi-end, realizing iterative summarize and whole-process backtracking.
3. **Collaborative Messaging:** working with multi-media, multi-mode and multi-end, realizing iterative summarize and whole-process backtracking.
4. **Collaborative Creation:** allowing many people to work together on online document compiling, discussion, reviewing, typesetting and multi-format output.
5. **Project Management:** customized management process, ensuring more timely control of process schedule and quality.
6. **Knowledge Management:** the full integration of knowledge resources in a multi-dimension and multi-source way, and applying fragmented knowledge processing method.

## Product Strengths

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- ✓ The platform uses CNKI core technologies like knowledge management and digital publishing, connects CNKI Integrated Knowledge Resources Database with the institutional repository, and integrates traditional knowledge management with collaborative innovation.

## **Tongfang Professional Information System (TPI)**

1. TPI resource construction and management system is a large-scale intelligent content management system based on unstructured document management, which is independently developed by Tongfang Knowledge Network Technology Co., Ltd. (Beijing).
2. It is a comprehensive solution for creating, producing, managing, maintaining, and publishing knowledge warehousing on a web-based platform. This system takes KBase full-text database management system as the core, and adopts widely used B / S browser retrieval mode and advanced three-layer C / S structure,
3. which enables information management towards text, image, and multimedia, full-text retrieval services and webpage dynamic release.

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4. It is not only a tool for content management, publishing and value-added utilization, but also an ideal platform for all kinds of institutions to build digital libraries, document information systems and information services.

## Customers

1. Colleges and universities
2. Scientific research institutions
3. Enterprises and government institutions

## Product Function

### 1. Tool of E-book Processing

This tool is able to process various kinds of paper documents, such as books, newspapers and official documents, into electronic books easily and quickly through the process of page scanning, page image processing, directory tree editing and page compression. It can also convert existing print drivers for various electronic documents into e-books.

### 2. Tool of Data Conversion

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This tool supports two conversion methods- data import and export, providing various types of conversion templates, which can transform data of various types into user required data type.

### 3. Classification Indexing System

This system indexes and classifies various documents, processes all kinds of digital objects into ordered resources, by which way provides intuitive navigation and multi-path retrieval for the database.

### 4. Content Management and Publishing system

This system offers content management and achieves functions of content creation, editing, management, version control, work, business process management ,etc.

## Academic Misconduct Literature Check (AMLC)

### Product Introduction

- ✓ **Widely used:** The first academic misconduct check system that could be widely used for university dissertations and magazine submission in China.
- ✓ **Advanced technology:** The system adopts CNKI in-house technology of research and development, processing the feature words at sentence level,

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analyzing the structure and characteristics of the sentence, and realizing in-depth check of the content.

- ✓ **Abundant resources, frequent updates, clear copyright:** The full-text comparison database has the largest amount of resources with complete categories and regular updates, covering Internet resources, Hong Kong, Macao and Taiwan resources, English resources, etc.

## Product Features

### 1. Fast, accurate and professional literature check

- ✓ The system adopts “adaptive multi-step fingerprint analysis technology” based on the content understanding, which ensures the accuracy of the system in the algorithm and index structure, increasing the convenience, accuracy and professionalism of the literature detection with advanced form testing technology,
- ✓ Cross-language detection technology, multilingual literature detection technology, technology of automatic identification and judgment of core views, transformation,
- ✓ Recognition and detection technology of Traditional Chinese and Simplified Chinese, technology of tracing the source of the detection content, detection technology for distinguishing reference and non-reference content, etc.

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## 2. Massive and rich full-text comparison resources

1. 120 million: articles from China Integrated Knowledge Resources Database, including academic journals, doctoral dissertations & masters' theses, reference works, proceedings of conference, etc. since 1915, covering basic research, applied basic research and engineering technology in various disciplines.
2. More than 90 million English literature resources
3. About 3.3 billion Internet resources
4. About 3 million minority language literature resources
5. Tens of thousands of e-books
6. Open access resources

### The Teng Yun Journal Digital Publishing Platform

1. The whole-process journal digital publishing platform is based on massive knowledge data and years of accumulated experience in digital publishing technology and XML technology.
2. The platform is highly efficient in supporting journals under different publishing modes and integrating the services of writing, editing, reviewing, typesetting, proofreading, publishing, and commenting.
3. The high-degree collaboration of journals and the internet helps to intensify the digitized “collaboration and innovation” for readers, users, and



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researchers, and enhance the quality and efficiency of journal products and services.

Improve Publishing Quality

Enrich Pulishing Forms

Realize Paper-inernet Fusion

Serve Collaborative Innovation



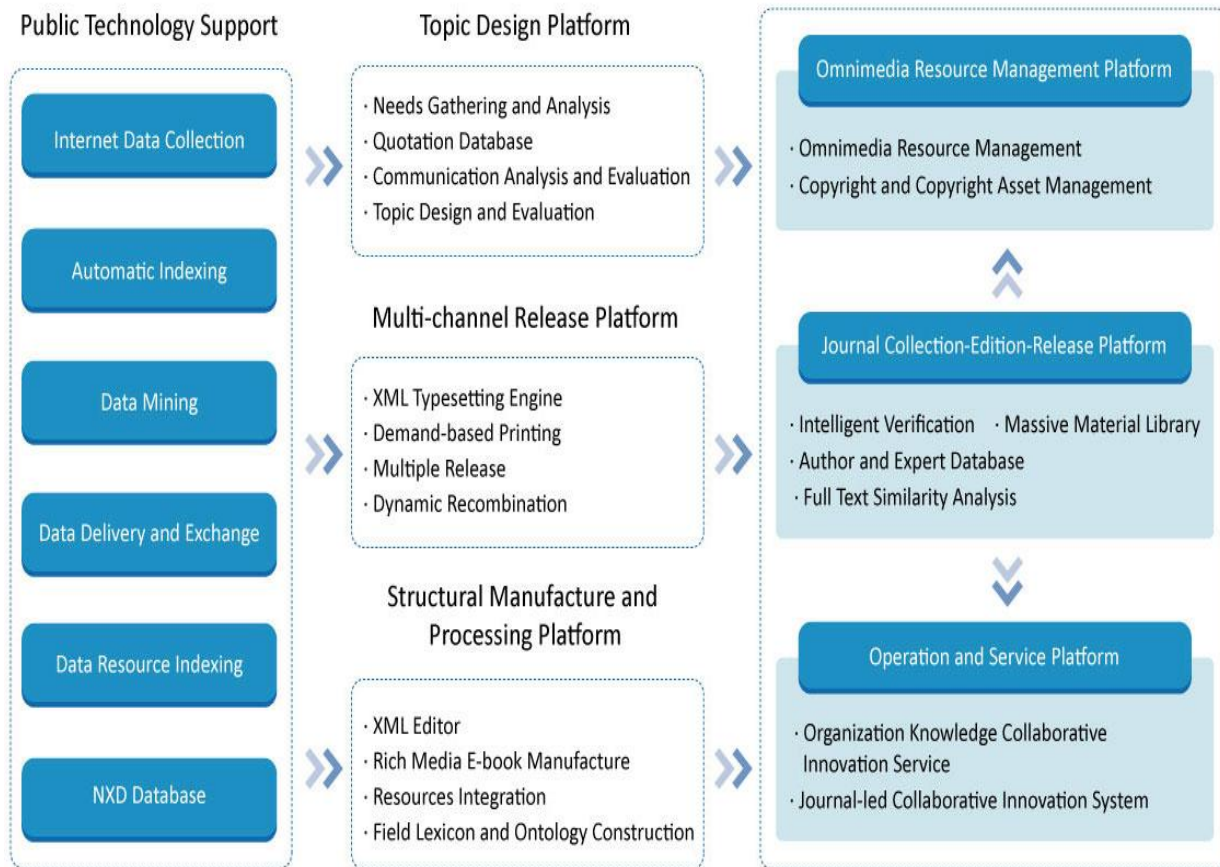
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## The whole process journal digital publishing solution



## Core Functions

### Customized publishing portal:

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1. Tengyun can construct a second-level domain under “cnki.net” for journals to fulfill their needsof independent publication and dissemination.
2. Exch journal will have a domain of its own.
3. CNKI provides technical and maintaining supports.

### **Customized digital publishing process of “collecting-editing-issuing”:**

1. Tengyun allows each journal and journal groups to customize their own workflow.
2. Interface design ports are provided, so that editorial board can change or create their own interface.
3. It provides collaborative workflow model among multiple journals within the journal group.

### **Automatic computer aided check:**

1. Automatic computer aided check is based on the original manuscript in word format.
2. The major indicators to measure the quality of articles: (①Academic misconduct check ②Trends Analysis of cites and downloads ③Academic level of the authors)





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3. Automatic References Proofreading: Tengyun helps the editors to check if the references quoted by authors are real and correct the nonstandard ones. The proofreading is based on over 60 million references included in CNKI Chinese-English references database.

## Exploratory and Collaborative Studies Platform(ECSP)

1. Exploratory and Collaborative Studies Platform is a core service platform and newly-developed digital library focused on individual knowledge innovation and research-based study.
2. It utilizes XML fragmentization and strengthened publishing, integrates document service and knowledge service into the process of individual research and study, serves users exploratory and mobile study,
3. promotes the construction and development of their innovation abilities, and achieves the goals of in-depth study and knowledge innovation based on systematic and intelligentized learning tools.

### Core Functions

1. **Learning Materials Collection:** one-stop search, upload and download of the learning materials, and automatic recommendation based on subject search and literature evaluation.

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2. **Enhanced Reading:** dynamic and interactive reading modes based on XML fragmentized processing and indexing.

查询界面  
Search Interface

一站式检索框  
One-stop search bar

点击文献直接进入学习界面  
Click the title, and enter learning interface

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在概念、术语、定义等知识元上自动加链接并能与CNKI知识库关联并显示内容  
Links can be automatically added to meta knowledge(e.g. concepts, terms, definitions), and connected with CNKI knowledge base

本人在XML碎片化内容中进行笔记和研讨意见展示  
Displaying notes and suggestions based on XML fragmentized content

他人共享笔记  
Shared notes from others

参考文献按段进行引证内容关联和链接  
References are displayed and interlinked by paragraph

**3. Exploratory Learning:** facilitating in-depth study by tracing the origin of knowledge based on citation network, helping to organize and edit fragmentized content and notes according to the knowledge system.

**4. Knowledge Graph Construction:** generating knowledge graphs and constructing individual knowledge structure based on knowledge label, citation relations, knowledge network compilation as well as knowledge and notes management.



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**5. Dynamic Reconstruction:** automatically matching the fragmented content based on the knowledge outline and reconstructing them through human-computer interaction.

**6. Online Creation:** helping to realize online writing, submitting and publishing of the research findings based on online XML creation tools.



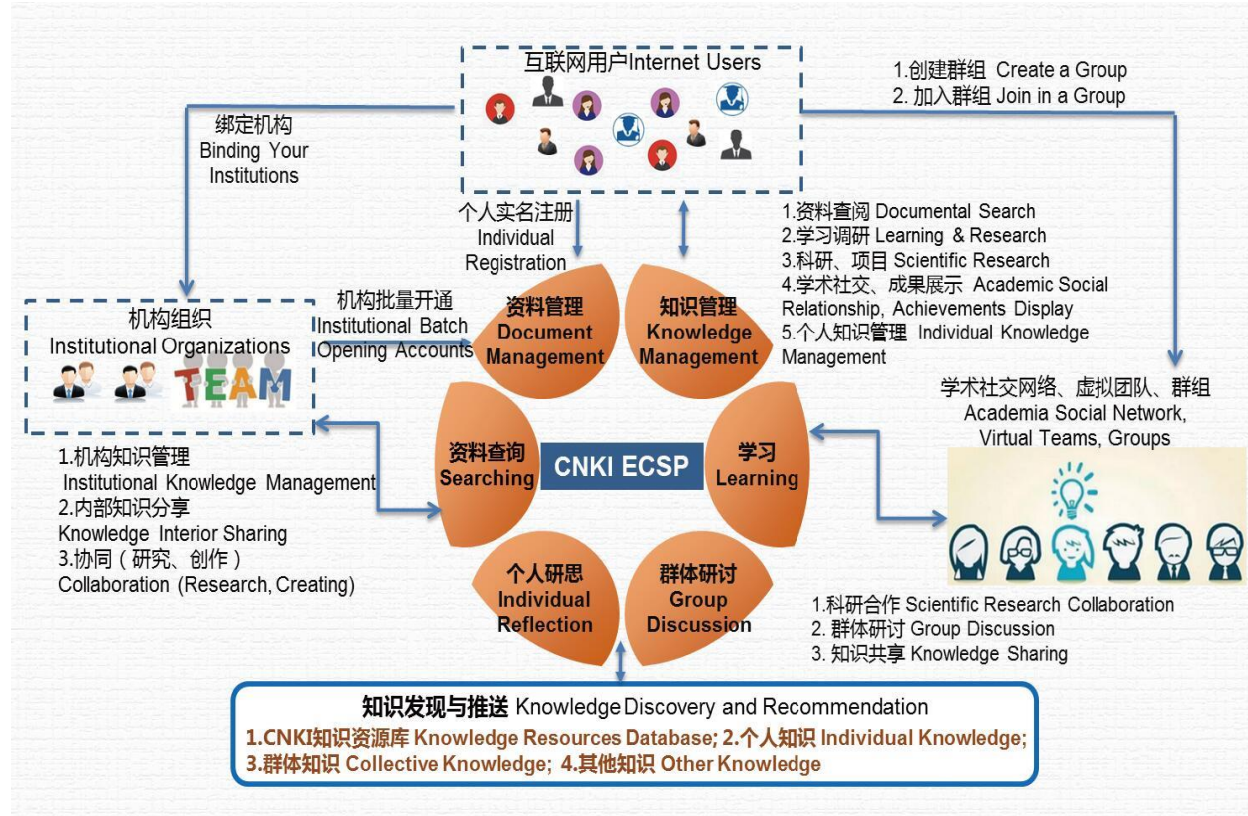
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## Typical Application Scenario



## Digital Processing Services

1. In the filed of deep processing, CNKI has gone through continuous technological innovation and accumulation in terms of resource digitization and structuration for the past 20 years.
2. It has developed a set of mature basic technology and technique running through the whole course of processing and integrated into a highly-customized digital production and management platform on a large scale.

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3. This platform is endowed with advancement, reliability, manageability, security and intellectuality.
4. The final data types measure up the international standard and also meet users' multiple requirements.

Typesetting

Electronic files that can be processed for various software typography, such as Founder, CoreIDRAW, Illustrator, etc.

Vectorization

Text, Icon, Formula, Table Vectorization, Deep Accurately Indexed, Meet Data Mining, Classified Storage.

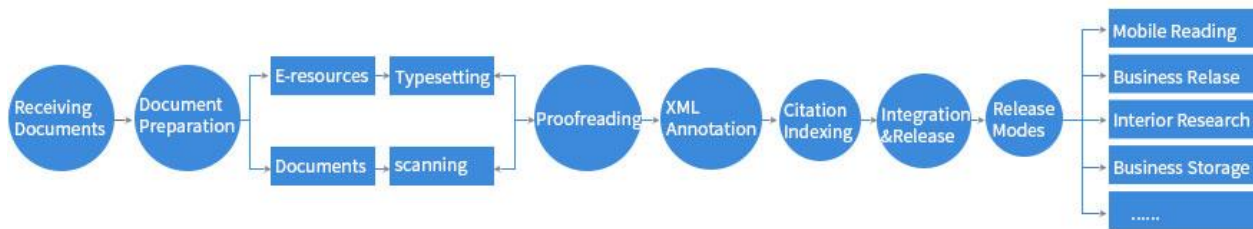
Fragmentization

High degree of data fragmentation to meet the two publishing requirements.

Error Rates

The error rate of text editing and indexing reached 1/10000.

## Processing Procedure



## Processing Advantages

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- 1. Rich Experience:** By more than 20 years of technological innovation and experience accumulation, CNKI has developed a set of mature basic technologies and process methods throughout the structured processing.
- 2. Professional Equipment & Leading Technology:** CNKI possesses professional ancient books scanning equipment. Its processing platform integrates various types of production and processing technologies. Text editing system, text recognition, rapid typesetting system and table analysis editing & processing technology have applied for patents and being authorized. The above four technologies are in the leading level in China.
- 3. Unified management:** The processed digital resource system can be unified with other CNKI resources in identification, search and management.
- 4. Platform Release & Resource Integration:** CNKI builds database based on the processed data, and further achieves the integration of user resources and CNKI resources.
- 5. Working ability:** CNKI digital processing base has been built in Shanxi Province. It is committed to providing the world with internationalized and intensive digital processing services.

## PapyRix

PapyriX aims to help those institutions who have a large number of digital resources such as university libraries, public libraries, research information center and research

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enterprises etc., to build a high-customized resource discovery platform that provides a total solution for resource integration, unified retrieval, and accurate acquisition.

## Core Functions

- 1. Unified Search** : Build one-stop discovery of institutional resources and services ; Cloud storage mode has wide coverage on global academic resources, supports more discovery for various resources from global network;
- 2. Full-text access** : Accurately reveal the sources of resources in library ; Flexibly access to the external sources;
- 3. Resources Navigation** : Build the resources navigation to satisfy the individuality demand;
- 4. Management Center** : Flexibly configurate the interface and functions ; Visual statistic of usage;
- 5. Multi-terminal** : Support mobile service and achieve a comprehensive and stereoscopic information platform;
- 6. Cloud service** : "Cloud service" can improve efficiency, reduce institution's investment and maintenance costs.

## Network Information Collection System (Kspider)

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## Product Introduction

Kspider is a network information resource integration system, which integrates functions of network data collection, analysis, storage, management and retrieval.

### Target customers

- ✓ Colleges and universities
- ✓ Scientific research institutions
- ✓ Enterprises and government institutions

## Product Function

### 1. Advanced intelligent proxy server

The system can accurately filter and automatically classify the information that users are interested in. It supports also user-defined classification, and provides various customized subjects.

### 2. Powerful information collectionr

Kspider is equipped with efficient information acquisition technology, to support network data acquisition. Thus, users can get fast, comprehensive and accurate access to Internet data.

### 3. Flexible system structure



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Based on acquisition spider cluster, intelligent proxy server cluster and application server intelligent scheduling, each subsystem can be shut down and connected to Kspider at anytime, which will not affect the whole system operation.

#### **4. Massive data storage and full-text retrieval based on KBase**

Kspider support store and manage massive unstructured data. With mature full-text retrieval technology, the searching speed can reach 500 G/S, which locate in high level comparing to competitors.

#### **5. Excellent publishing system**

The report highlights the dynamic and sensitive summary, with Google-style retrieval page. Besides, users can find website page snapshot and the page is automatically associated.

#### **6. Stable and reliable system performance**

The distributed cluster system, efficient algorithm and flexible architecture are adopted to ensure the stability and user-friendly of Kspider.

#### **7. Customized various retrieval requirements**

Users can define their personalized word dictionary according to their belonging industry and enterprise special needs.

#### **8. Both English and Chinese coding standards sustained**



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Kspider can fulfill all the operations with English content, but it is more powerful in Chinese processing with mainstream Chinese coding standing, including GBK, GB2312, BIG5 and UTF-8, and inter-transaction can be realized in different coding standards.

*Yours sincerely,*

*Central Library Director*

*Prof. Dr. Othman A. Obeidat*

*8/11/2023*

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