

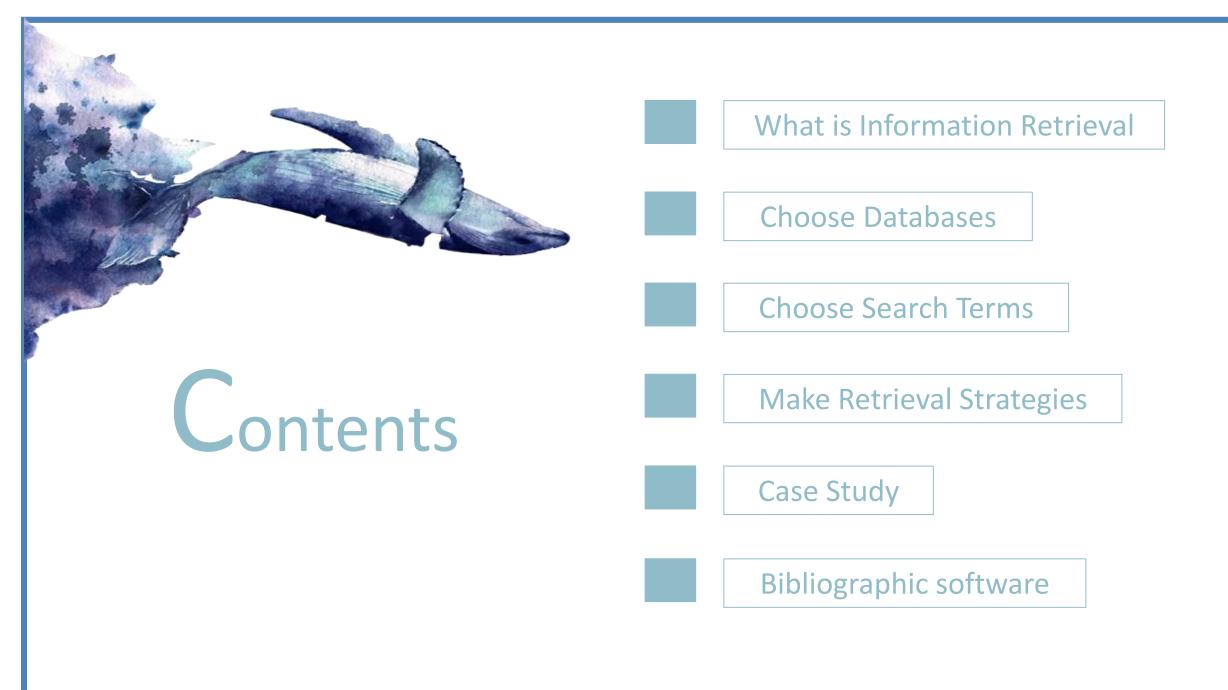
Library Literacy Training **Information Retrieval** 

信息检索

How to Use Databases to **Obtain Academic Information** 









## **01 What is Information Retrieval**



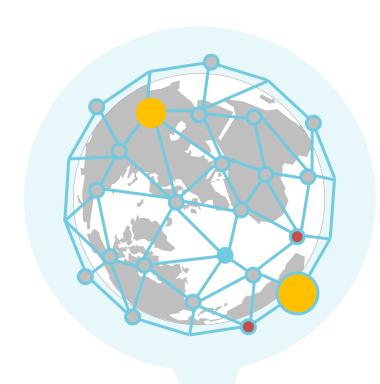
**Three Elements** 

Databases, Search terms and Retrieval strategies





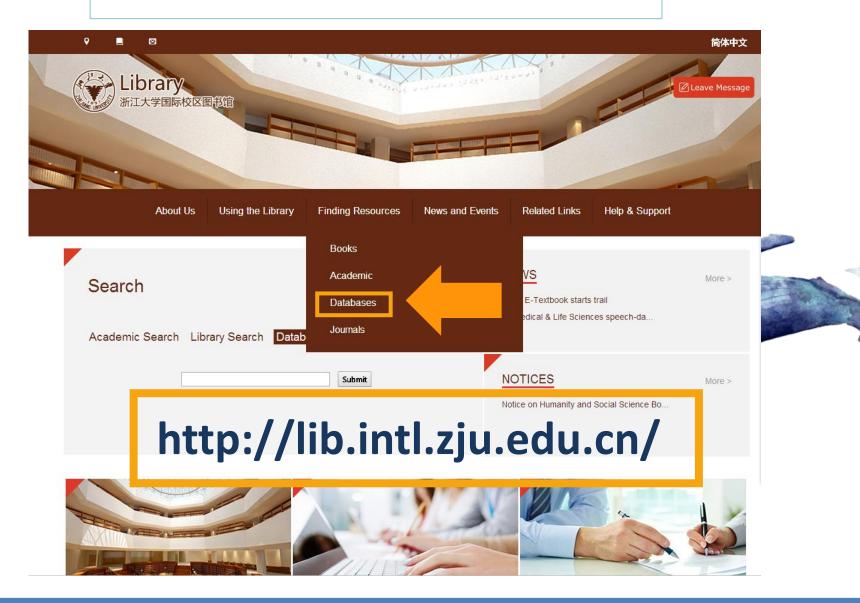
- Data specifications
- Retrieval function powerful
- Choose fields

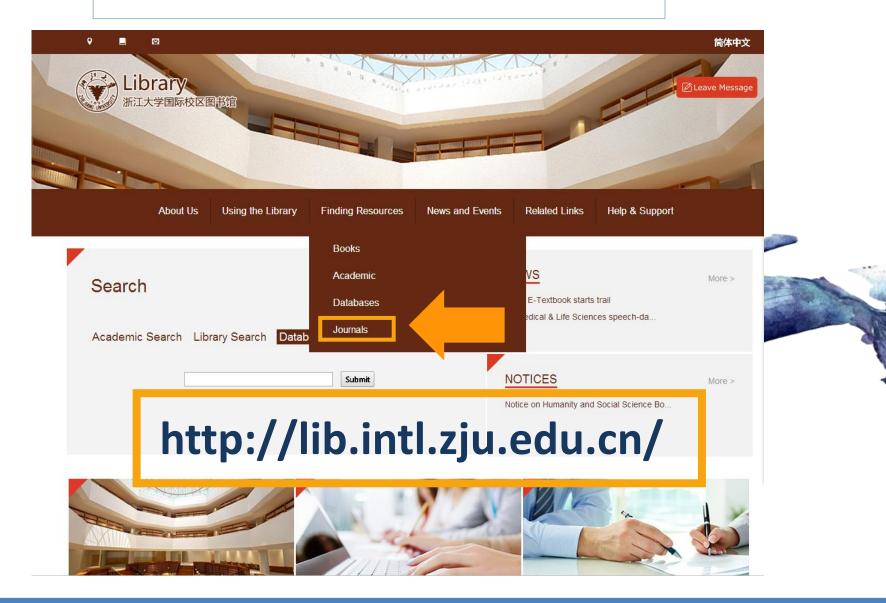




## Search Engines

- Latest literature
- Results disorder
- Cannot manage results
- Google scholar, Duxiu, Baidu academic, Bing...





## 当前位置:浙江大学图书馆 > 馆藏与资源 > 电子书刊导航

English

▼

All Resources E-Journals Only E-Books Only Database List

0-9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Other

## 89,000 E-journals

根据 题名字顺浏览中文资源

A B C D E F G H J K L M N O P Q R S T W X Y Z

Title begins with ▼		Search Clear	r
Please select a subject category ▼ Search	Please select a n	medical subjec	ct category ▼ Search

81 records retrieved for the search: Title begins with "nature"

Nature & Dynamics of Organizational Capabilities
from 01/01/2000 to present in EBSCO\_Business Source Premier

资源检索

- 版权公告
- 电子资源
  - . Google Scholar
- 馆藏书刊目录
- 西文期刊导航
- 中科院联合目录
- NSTL杭州镜像
- ◆ CALIS公共目录
- 百万册数字图书
- 常用阅读软件

字母序: A B C D E F G H I J K L M N O P O R S T U V W X Y Z

关键词: 查询

学科: 人文 社科 管理 经济 数学 物理/力学 化学/化工/材料 地球科学/天文学 生物 农业/食品 医药 电子电气 计算机/网络 机械 土木/建筑 环境/能源 交通/航空/航天 综合

类型: 图书 期刊/会议论文 学位论文 专利 标准/法规 科技报告 事实数据 报纸 多种类型

分类 全部

中文 外文 受田 最新

试用 免费

#### 常用资源: 共计36个

- ★ACM ★EBSCO(ASP/BSP)
- ★Elsevier ScienceDirect ★Emerald
- ★Engineering Village ★Gale ★IEL
- ★ISI Web of Knowledge
- ★JSTOR(与CASHL联合购买)
- ★Lexis.com International ★Medline
- ★MyiLibrary电子书(由CALIS和CASHL支持购买)
- ★NetLibrary ★Ovid ★PQDT学位论文全文
- ★Project MUSE ★ProQuest ★RSC
- ★SciFinder Scholar (CA) ★Scitation
- ★Scopus(由CALIS出资支持联合购买)
- ★SPIE数字图书馆 ★SpringerLink
- ★SPSS Statistics(由CALIS出资支持联合购买)
- ★Tech Science Press
- ★Web of Science (SCI-E/SSCI/A&HCI)
- ★Wiley-Blackwell期刊 ★超星
- ★非书资料(随书光盘)系统 ★基本古籍库
- ★人大复印报刊资料 ★书生之家

最新资源: 共计24个

★ALJC ★AMA其用刊 ★ASM其用刊

\*ASTM Standards and Engineering Digital Library

★Begell Digital Library ★BioOne

★BMJ-Best Practice ★BvD系列库\_Bankscope

★BvD系列库 EIU Citydata

#### 中文资源: 共计43个

★CSSCI ★KUKE数字音乐 ★NoteExpress

★Westlaw China (万律)

★北大法宝(光华法学院购买) ★北大法意

★方正Apabi ★非书资料(随书光盘)系统

★公元集成图片库 ★国泰安CSMAR数据库 ★国研网

★基本古籍库 ★龙源电子期刊阅览室

★全球产品样本数据库GPD ★人大复印报刊资料

★人民日报五十年图文数据库系列光盘 ★书生之家

★搜数网 ★台湾学术在线TAO ★万方科技

★万方数据资源系统 ★万方学位论文 ★维普期刊

★新东方多媒体学习库

★月旦法学知识库(光华法学院购买)

★浙江人文大讲堂 ★中-等教育

★中-国科学引文数据库CSCD

★中-国生物医学文献服务系统 ★中-国数字方志库

★中-国知阿(CNKI) ★中-国知阿(CNKI) 世纪期刊

★中-国知网(CNKI) 学位论文

★中-国资讯行(China InfoBank)

★中-华数字书苑\_数字报纸库 ★中-华医学会期刊

★中-经-视-频 ★中-经-专-网 ★中-科院联合目录

#### 外文资源: 共计167个

★ABI (ProQuest-ABI) ★AccessMedicine ★AccessSurgery ★ACM

★ACS(与NSTL联合购买) ★Adis ★AGU ★AIAA

★AIP (与NSTL联合购买) ★ALJC ★AMA Manual of Style Online ★AMA期刊 ★Anatomy and Physiology Online ★Annual Reviews



Database: 400+ 

## Principle - Research Field, Retrieval Purpose



#### Research Field

- Bio-medical Science: PubMed, CBM
- Engineering: Engineering
   Village, ASME
- Economic management:
   CSMAR, Emerald



#### Retrieval Purpose

- Thesis, Essay (periodicals, reviews)
- Research hotspots (search engine)

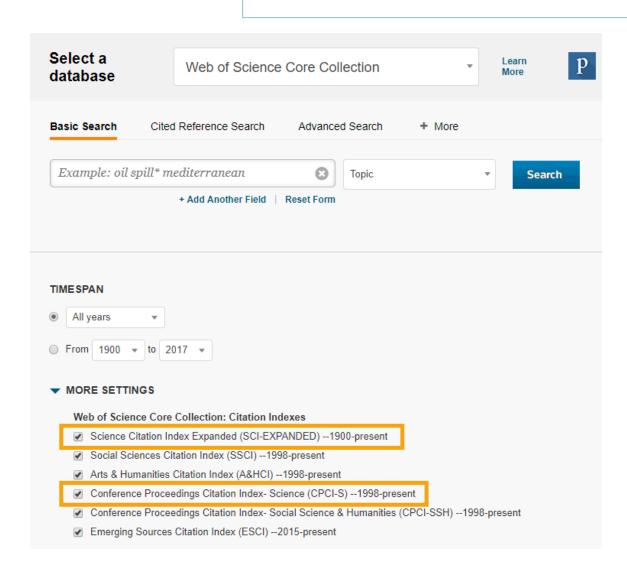
#### **Humanities & Social Sciences**

English	Databases
Abstract Databases	Full text databases
* Web of Science	* Jstor *Taylor & Francis SSH
* SCOPUS	* EBSCO (ASP、BSP) *ProQuest
Academic dissertation	Conference paper
*ProQuest	* ISI Proceedings- CPCI
	* OCLC Proceeding
Factual databases	E-books
* BvD	* NetLibrary
* Gale	* MyiLibrary

#### Science & Engineering

#### Chinese Databases

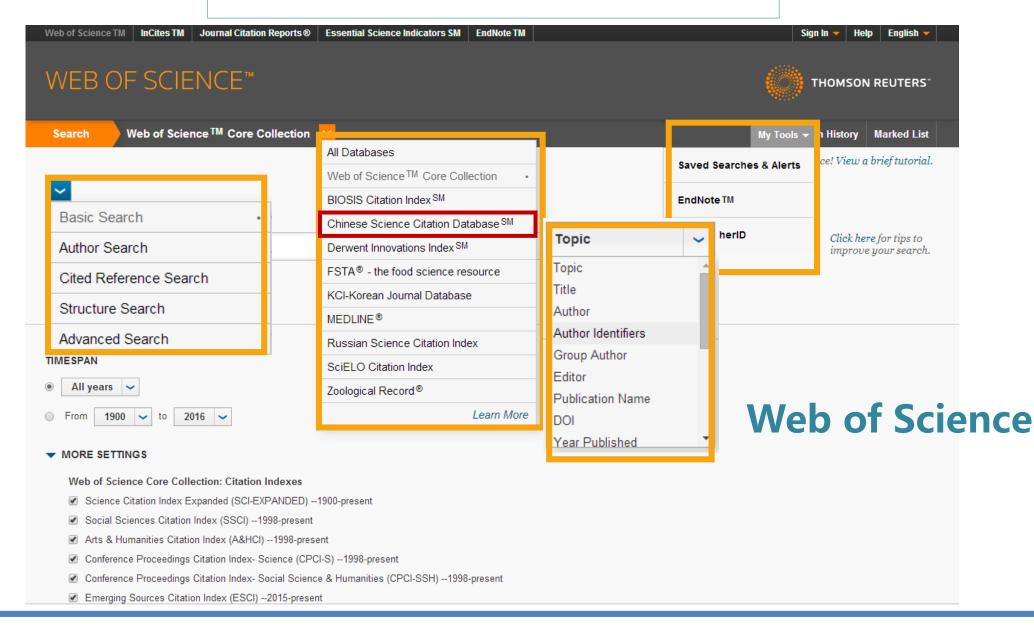
English Databases	Chinese Databases
Web of Science-SCI, CPCI-S	CNKI(中国知网)-full text and abstract
SCOPUS	WANFANG (万方) -full text and abstract
Engineering Village-Engineering Index <a href="https://www.elsevier.com/solutions/engineering-village/content#compendex">https://www.elsevier.com/solutions/engineering-village/content#compendex</a>	VIP(维普期刊)-periodicals from 1989
PubMed-most utilized free medical database	DuXiu(读秀)-a retrieval system, books, periodicals

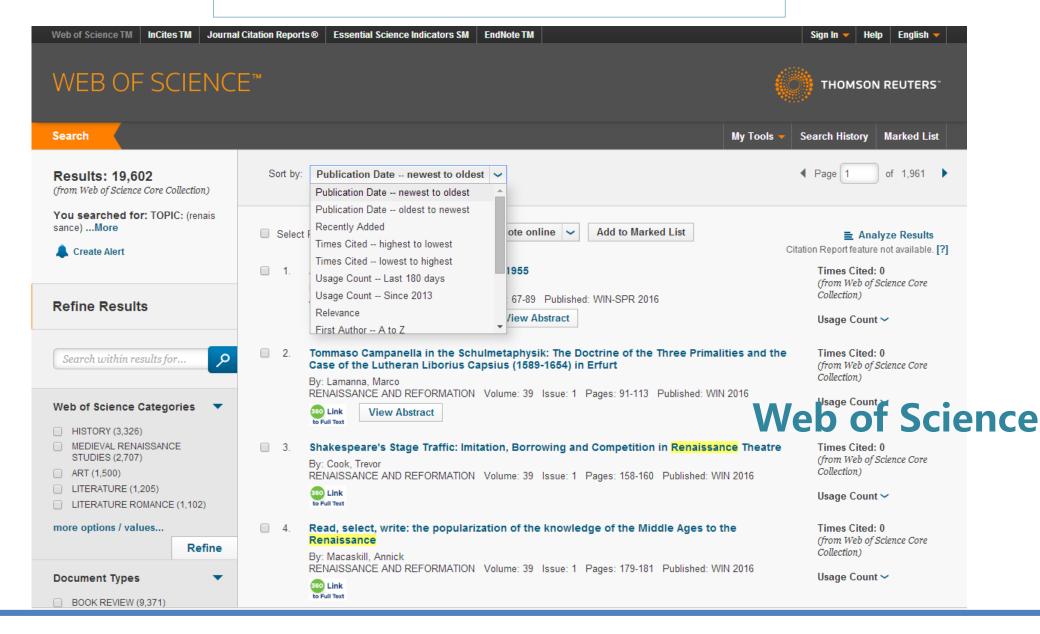


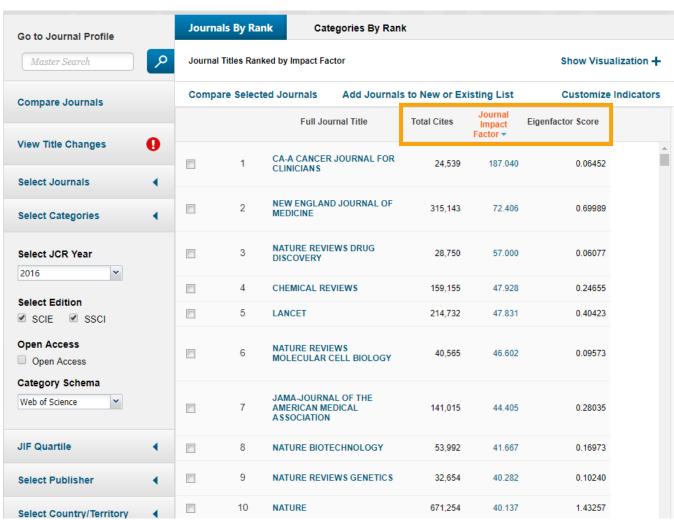
#### Web of Science

http://webofknowledge.com/WOS





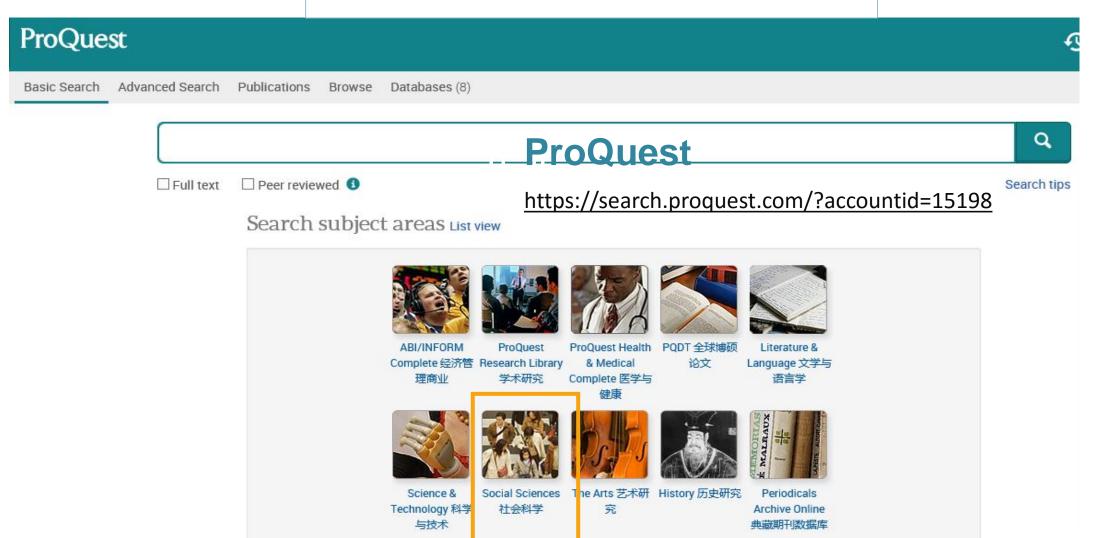




# Web of Science InCites Journal Citation Reports

https://jcr.incites.thomsonreuters.com/ JCRJournalHomeAction.action?





Learn about the ProQuest platform

· Search the online Help.

#### 运算符、字段和特殊字符

注:您可以使用小写,也可以使用大写来输入运算符-OR与 or 所起的作用相同。

运算符	说明	示例
AND	查找包含您的 <b>所有字</b> 词或短 语的文档。 使用 AND 可缩小您的检索范 围并获取较少的结果。	food AND nutrition
OR	查找包含您的任何字词或短 语的文档。 使用 OR 可扩大您的检索范 围并获取更多的结果。	food OR nutrition
NOT	查找包含其中一个检索词语 而不包含其他检索词语的文 档。	nursing NOT shortage
NEAR/n 或 N/n	查找包含间隔指定数量字词的两个检索词(任意顺序)的文档。将"n"替换为数字。例如,3表示在3个字词中。	nursing NEAR/3 education media N/3 women

#### **ProQuest**

Search tips

https://search.proquest.com/help/academic.zh-

CN/webframe.html?Search\_Tips.html



EBSCO <a href="http://search.china.epnet.com">http://search.china.epnet.com</a>

- Over 100 online databases
- Academic Search Premier(ASP): 4000 full text publications, 3600 peer-reviewed
- Linguistics, Art and Culture, Education, Ethnic Studies, Computer Science
- Business Source Premier(BSP): 3600 full text journals, 1100 peer-reviewed
- Economic, Finance, Management, Marketing, Accounting



### CNKI/中国知网

http://www.cnki.net/

#### 行业知识服务与知识管理平台

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城乡规划 建筑材料 建筑 电力 冶金 石油 煤炭 交通 船舶

制造、信息技术、贸易

#### 研究学习平台

#### 研究型学习平台

#### 大数据研究平台

研究生 本科生 高职学生 专利分析 学术图片 统计数据 学术热点 中职学生 中学生 学者库

协同研究平台 协同研究平台教学版 科研项目申报信息库

中国学术期刊(网络版) & 中国学术期刊网络出版总库

#### 专题知识库

#### 党政/红色专题

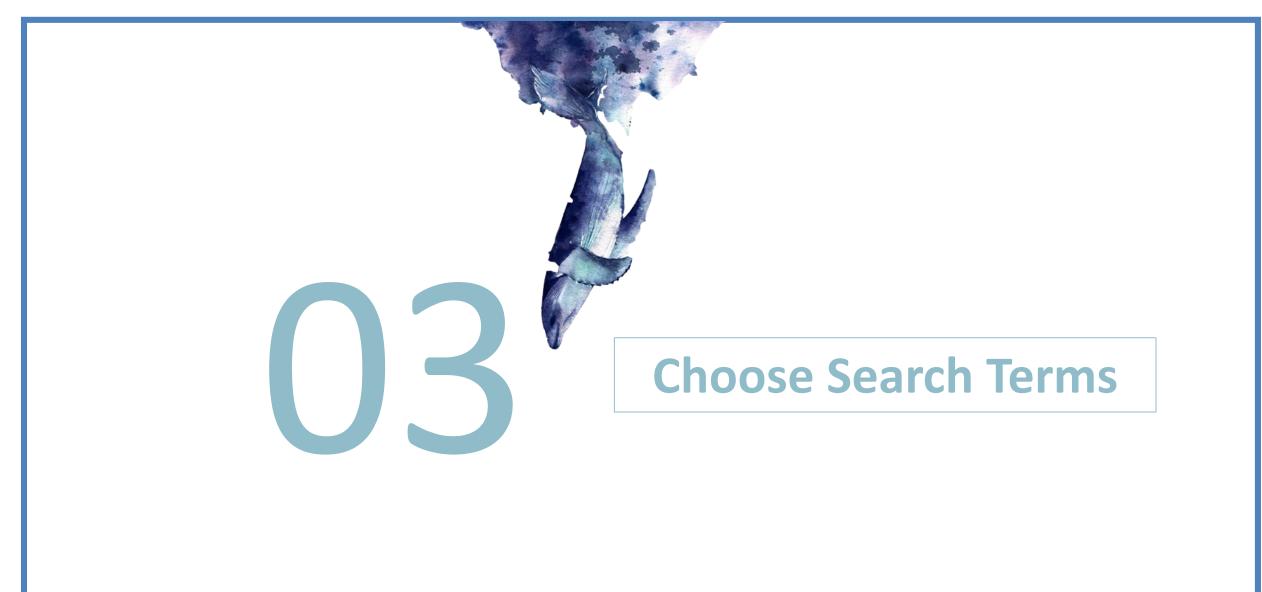
机关公文 科学决策 两学一做 三 十九大 长征 党史 军史 抗战

#### 公共管理

深化改革 治国理政 司法改革 依 税改 PPP 城镇化

社会知识





# 03 Choose Search Terms/Key words

- Substance keywords: research object, research purpose, research methods
- Characteristic words: such as 'social mutual-construction theory'
- DO NOT be obsessed with the so-called 'professional terms'
- Avoid using large concept words: such as project, compare, test...
- Use Keyword Index in SCOPUS, EBSCO...



## **04 Make Retrieval Strategies**

What is retrieval strategies:

The logic of retrieving and arrangement of retrieving steps

- Retrieval process:
  - 1. Choose keywords, databases
  - 2. Check the retrieval results, find better keywords

Try again and again until you get satisfactory result.

## **04 Make Retrieval Strategies**

#### **Tips**

- Check FAQ, help in databases
- Use 'AND, OR, NOT' in advanced search
- e.g. virtual team management, will be split to virtual AND team AND management, use" virtual team management"
- Choose search type: full text, topic, title, keywords, abstract...
- Find key literature, references
- Total Cites
- Find literature of domain experts

## **04 Make Retrieval Strategies**

SCOPUS					Reg	ister   Login 🗉
Search Sources Analytics My Alerts My List My Set	ttings				QQ u	ve Chat (1) Help
Quick Search Go					Brought t Mayor rese SCOPU	o you by
Scopus: 999 More Web Patents						
Your query: TITLE-ABS-KEY( <b>virtual team management</b> ) <u>Edit</u>	Save Save as Alert RSS	<b>S</b>				Search History
Refine Results						Close
Source Title	Author Name	Year		Affiliation	Subject Area	
Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics (24)  ASEE Annual Conference Proceedings (23)  IEEE International Engineering Management Conference (18)  Proceedings of SPIE the International Society for Optical Engineering (16)  Proceedings of the Annual Hawaii International Conference on System Sciences (13)	Levitt, R.E. (8)  Kunz, J.C. (6)  Jin, Y. (5)  Dominick, P. (5)  Majchrzak, A. (5)	523		Stanford University (13) Pennsylvania State University (12) University of Central Florida (12) New Jersey Institute of Technology (9) University of Southern California (9)	Engineering (460) Computer Science (356) Business, Management and Accounting (199) Social Sciences (117) Medicine (84)	
Display 5		() Limit to	Exclude			Add categories
Results: 999 Show all abstracts  Output Citation tracker Add to list Download  Designent (sort by relevance)	References Cited by	Select: 🗌 All	□ Page   Author(s)	Ĩ.	Search within results  Go to page: 1 of 5	Go
Document (sort by relevance)		1.5	La		✓ Cited By	
1. Virtual teams: Technology and the workplace of the future  Abstract + Refs Show Abstract			Townsend, A.M., DeMarie, S.M., Hendrickson, A.R.		1998 <u>Academy of Management Executive</u> 1 (3), pp. 17-29	200
2. Hierarchically-organized, multihop mobile wireless networks for quality-of-service support  Abstract + Refs View at Publisher Show Abstract		Ramanathan, R., Steenstrup, M.		1998 <u>Mobile Networks and Applications</u> 3 (1), pp. 101-119	<u>172</u>	
Motivation of software developers in open source projects: An Internet-based survey of contributors to the Linux kernel      Abstract + Refs   View at Publisher		Hertel, G., Niedner, S., Herrmann, S.		2003 <i><u>Research Policy</u> 32 (7),</i> pp. 1159-117	7 <u>157</u>	
4 🗆 Cotting it together: Temporal coordination and conflic	rt management in glob	al vietual	Montova-Wei	ее М.М. Массол Л. D	2001 Academy of Management Tournal 44	145



## **05 Case Study**



#### **Social Issue**

**EBSCO** 

http://search.china.epnet.com

AACN BO

6. Social Media: Legal and Ethical Issues.



AACN Bold Voices, Dec2017; 9(12): 16-16. 1/2p. (Article - brief item) ISSN: 1948-7088, 数据库: CINAHL Plus with Full Text

主题: Social Media Legislation and Jurisprudence; Social Media Ethical Issues





Cyber-violence, Motivation, Solution



cyberbully, cyber violence, network violence, internet violence motivation, motive, cause, reason... "AND OR NOT"



Author, reference



## 06 Bibliographic Software – NoteFirst



#### **NoteFirst**

http://www.notefirst.com/download/

- Retrieve
- Manage
- Analyze
- Note-taking
- Generate reference index



EndNote, Papers, Reference Manager, Mendeley, RefMe...

#### **Contact Us**

- Opening Hour: 8:30--22:30 Monday to Sunday
- Website: http://lib.intl.zju.edu.cn
- Email: library@intl.zju.edu.cn
- Hotline: 0571-87572288



# THANK YOU

