

附录1 信息检索有关的免费网络资源

除著作按逆时序排列外，其余各类均按名称字顺排列。

(一) 著作

- [1] Allen B. Downey. Think Data Structures: Algorithms and Information Retrieval in Java. O'Reilly Media, 2017. <http://greenteapress.com/thinkdast/thinkdast.pdf>
- [2] Shengli Wu. Data Fusion in Information Retrieval. Springer-Verlag Berlin Heidelberg, 2012. https://www.researchgate.net/profile/Shengli_Wu/publication/268724557_Data_Fusion_in_Information_Retrieval/links/5797cb5d08aeb0ffcd06e46f.pdf
- [3] Tie-Yan Liu. Learning to Rank for Information Retrieval. Springer-Verlag Berlin Heidelberg, 2011. https://www.cda.cn/uploadfile/image/20151220/20151220115436_46293.pdf
- [4] Hang Li. Learning to Rank for Information Retrieval and Natural Language Processing(Synthesis Lectures on Human Language Technologies). Morgan & Claypool Publishers, 2011. <http://www.iro.umontreal.ca/~nie/IFT6255/Books/Learning-to-rank.pdf>
- [5] Efthimis Efthimiadis, Juan M. Fernández-Luna, Juan F. Huete, et. al. Teaching and Learning in Information Retrieval. Springer, 2011. <http://openaccess.city.ac.uk/id/eprint/1721/1/Teaching%20and%20Learning%20in%20Information%20Retrieval.pdf>
- [6] Stefan Büttcher, Charles L. A. Clarke. Information Retrieval: Implementing and Evaluating Search Engines. The MIT Press, 2010. <https://mitmecsept.files.wordpress.com/2018/05/stefan-bc3bcttcher-charles-l-a-clarke-gordon-v-cormack-information-retrieval-implementing-and-evaluating-search-engines->

2010-mit. pdf

- [7] Bénédicte Le Grand, Marie-Aude Aufaure. Emergent Web Intelligence: Advanced Information Retrieval. Springer-Verlag London, 2010. <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.457.4787&rep=rep1&type=pdf>
- [8] Jian-yun Nie. Cross-language Information Retrieval (Synthesis Lectures on Human Language Technologies). 2010. <http://disi.unitn.it/~bernardi/Courses/DL/clir.pdf>
- [9] B. Croft, D. Metzler, T. Strohman. Information Retrieval in Practice. Pearson Education, 2009. https://pdfs.semanticscholar.org/4c9f/afa3b1bed97bb00b8bc68db39a9ad48490f1.pdf?_ga=2.122474251.162472346.1564562769-939276901.1554433569
- [10] Christopher D. Manning, Prabhakar Raghavan, Hinrich Schütze. An Introduction to Information Retrieval. Cambridge University Press, 2008. <https://nlp.stanford.edu/IR-book/pdf/irbookonlinereading.pdf>
- [11] Richard K. Belew. Finding out About: a Cognitive Perspective on Search Engine Technology and the WWW. Cambridge: Cambridge University Press, 2008. <http://cseweb.ucsd.edu/~rik/foa/chap8.pdf>
- [12] C. Middleton, R. Baeza-Yates. A Comparison of Open Source Search Engines. 2007. <https://pdfs.semanticscholar.org/f751/546cd86faefa2c7a4642166643df4c7cc6af.pdf>
- [13] Information Retrieval: A Survey . Ed Greengrass, 2000, <http://www.csee.umbc.edu/cadip/readings/IR.report.120600.book.pdf>
- [14] Chris Manning, Hinrich Schütze. Foundations of Statistical Natural Language Processing. MIT Press, 1999. https://www.cs.vassar.edu/~cs366/docs/Manning_Schuetze_StatisticalNLP.pdf
- [15] R. Baeza-Yates, B. Ribeiro-Neto. Modern Information Retrieval. Addison-Wesley, 1999. <http://web.cs.ucla.edu/~miodrag/cs259-security/baeza-yates99modern.pdf>
- [16] Ingwersen, P. Information Retrieval Interaction. Taylor Graham, 1992. http://peteringwersen.info/publications/0060_ingwersen_iri.pdf
- [17] C. J. van Rijsbergen. Information Retrieval (2nd edition) . Butterworth-Heinemann, 1979. http://openlib.org/home/krichel/courses/lis618/readings/rijsbergen79_infor_retriev.pdf

- [18] 李晓明, 闫宏飞, 王继民著. 搜索引擎—原理、技术与系统. http://sewm.pku.edu.cn/book/LxmYhfWjm_v1.0.pdf

(二) 期刊

- [1] ACM Transactions on Database Systems (TODS) 《美国计算机协会数据库系统学报》<https://tods.acm.org/>
- [2] Briefings in Bioinformatics 《生物信息分析摘要》<https://academic.oup.com/bib/issue>
- [3] Computational Linguistics 《计算语言学》<https://www.mitpressjournals.org/loi/coli>
- [4] Data & Knowledge Engineering (DKE) 《数据和知识工程》http://www.elsevier.com/wps/find/journaldescription.cws_home/505608/description?navopenmenu=-2
- [5] D-Lib Magazine 《数字图书馆杂志》<http://www.dlib.org/>
- [6] Foundations and Trends in Information Retrieval 《信息系统基本原理和发展趋势》<https://www.nowpublishers.com/INR>
- [7] Information Processing Letters 《信息处理通讯》<https://www.journals.elsevier.com/information-processing-letters>
- [8] Information Processing and Management (IP&M) 《信息处理与管理》<https://www.journals.elsevier.com/information-processing-and-management>
- [9] Information Retrieval 《信息检索》<https://www.springer.com/computer/database+management+&+information+retrieval/journal/10791>
- [10] Information Research 《信息研究》<http://informationr.net/ir>
- [11] Information Systems 《信息系统》<https://www.journals.elsevier.com/information-systems/>
- [12] International Journal on Digital Libraries 《国际数字图书馆期刊》<https://link.springer.com/journal/799>
- [13] International Journal of Cooperative Information Systems (IJCIS) 《国际协作信息系统期刊》<https://www.worldscientific.com/worldscinet/ijcis>
- [14] International Journal on Document Analysis and Recognition 《国际文档分析和识别期刊》<https://link.springer.com/journal/10032>
- [15] International Journal of Intelligent Systems 《国际智能系统期刊》<https://onlinelibrary.wiley.com/journal/1098111x>
- [16] International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems (IJUFKS) 《国际不确定性、模糊性和基于知识的系统学报》<https://www.journals.elsevier.com/international-journal-of-uncertainty-fuzziness-and-knowledge-based-systems/>

[tps://www.worldscientific.com/worldscinet/ijufks](https://www.worldscientific.com/worldscinet/ijufks)

- [17] Journal of the American Society for Information Science and Technology (JASIST)《美国信息科学与技术协会会刊》<https://onlinelibrary.wiley.com/journal/23301643>
- [18] Journal of Documentation (JDoc)《文献杂志》<https://www.emerald.com/insight/publication/issn/0022-0418>
- [19] Journal of Intelligent Information Systems (JIIS)《智能信息系统杂志》<https://link.springer.com/journal/10844>
- [20] Knowledge and Information Systems (KAIS)《知识和信息系统》<https://link.springer.com/journal/10115>
- [21] Lecture Notes in Computer Science (LNCS)《计算机科学讲稿》<https://www.springer.com/gp/computer-science/lncs>
- [22] Natural Language Engineering《自然语言工程学》<https://www.cambridge.org/core/journals/natural-language-engineering>
- [23] Transactions On Information Systems (TOIS)《信息系统学报》<https://tois.acm.org/>
- [24] Transactions on Knowledge and Data Engineering (TKDE)《知识和数据工程学学报》<https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=69>
- [25] Transactions on Asian Information Processing (TALIP)《亚洲信息处理学报》<https://dl.acm.org/citation.cfm?id=J820>
- [26] The VLDB Journal《VLDB 期刊》<https://link.springer.com/journal/778>
- [27]《中文信息学报》<http://zwxx.qikan.com/>
- [28]《情报学报》<http://www.istic.ac.cn/tabid/726/jour/qbxb/default.aspx>

(三) 课程

- [1] Advanced Topics in Database Management, The University of Pittsburgh, 美国匹兹堡大学高级数据库管理前沿, <http://www.pitt.edu/~vizclass/classes/infsci2711/>
- [2] Big Data Integration and Processing, 大数据融合与处理, <https://www.coursera.org/learn/big-data-integration-processing>
- [3] Clustering and Retrieval, 聚类与检索, <https://www.coursera.org/learn/ml-clustering-and-retrieval>
- [4] Data Mining, 数据挖掘, <https://www.coursera.org/specializations/data-mining>

- [5] Data Mining Project, 数据挖掘项目, <https://www.coursera.org/learn/data-mining-project>
- [6] Information Retrieval, Illinois Institute of Technology, 美国伊利诺伊理工大学信息检索课 <https://science.iit.edu/courses/cs429>
- [7] Information Retrieval, University of Otago, 新西兰奥塔哥大学信息检索课, <http://www.cs.otago.ac.nz/cosc431/>
- [8] Information Retrieval and Web Search, Stanford University, 美国斯坦福大学文本信息检索和网络搜索课程, <https://web.stanford.edu/class/cs276/index.html>
- [9] Information Retrieval Systems, Bilkent University, 土耳其比尔肯大学信息检索系统课程, <http://www.cs.bilkent.edu.tr/~canf/CS533/>
- [10] Information Retrieval Systems, LSU LIS, 美国路易斯安那州立大学图书情报学院信息检索课程, <http://www.csc.lsu.edu/~wuyj/Teaching/7481/fa09/syllabus.html>
- [11] Intelligent Information Retrieval, Depaul University, 美国德保尔大学智能信息检索课程, <https://www.cdm.depaul.edu/academics/pages/courseinfo.aspx?CrseId=006711>
- [12] The Structure of Information Networks, Cornell University, 美国康奈尔大学信息网络构建课程, <http://www.cs.cornell.edu/courses/cs6850/2018sp/>
- [13] Online Library Learning Center, 美国佐治亚州立大学在线图书馆学习网站, <http://www.usg.edu/galileo/skills/>
- [14] Teaching impacts of technology: data collection, use, and privacy, 技术的影响: 数据收集、使用和隐私, <https://www.coursera.org/learn/teach-impacts-technology-data>
- [15] Text retrieval and search engines, 文本检索与搜索引擎, <https://www.coursera.org/learn/text-retrieval>
- [16] 文献管理与信息分析, 中国科学技术大学罗昭峰. <https://www.icourse163.org/course/USTC-9002>
- [17] 文献检索, 华东理工大学吉久明. <https://www.icourse163.org/course/ECUST-1002575003>
- [18] 文献信息检索与利用——让你成为行走的搜索引擎, 成都航空职业技术学院陈萍秀. <https://www.icourse163.org/course/CAVTC-1002602036>
- [19] 信息检索, 武汉大学黄如花. <https://www.icourse163.org/course/WHU->

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- [20] 信息素养通识教程:数字化生存的必修课,中山大学潘燕桃. [http://www. icourse163. org/course/SYSU-1001936003](http://www.icourse163.org/course/SYSU-1001936003)
- [21] 信息素养:效率提升与终身学习的新引擎,四川师范大学周建芳. [http://www. icourse163. org/course/SICNU-1002031014](http://www.icourse163.org/course/SICNU-1002031014)
- [22] 信息素养——学术研究的必修课(通识版),清华大学林佳, [http://www. xuetangx. com/courses/course-v1: TsinghuaX + THU201605X + sp/a-
bout](http://www.xuetangx.com/courses/course-v1:TsinghuaX+THU201605X+sp/about)
- [23] 信息素养与实践,武汉大学龚芙蓉, [http://www. icourse163. org/course/
WHU-1003640003](http://www.icourse163.org/course/WHU-1003640003)
- [24] 艺术信息检索与利用,中国美术学院彭建波. [http://www. icourse163. org/spoc/course/LIS-1001935007](http://www.icourse163.org/spoc/course/LIS-1001935007)

(四) 机构

- [1] ACM Special Interest Group on Information Retrieval(SIGIR) ,美国计算机协会信息检索专门兴趣小组, [http://www. sigir. org/](http://www.sigir.org/)
- [2] Association for Computational Linguistics(ACL) , 计算机语言学学会, [http://www. aclweb. org/](http://www.aclweb.org/)
- [3] Big6. [http://big6. com/pages/about/big6-skills-overview. php](http://big6.com/pages/about/big6-skills-overview.php)
- [4] Carnegie Mellon University Language Technologies Institute(LTI) , 卡内基梅隆大学语言技术研究院, [http://www. lti. cs. cmu. edu/](http://www.lti.cs.cmu.edu/)
- [5] Digital Library Federation, 数字图书馆联盟, [http://www. diglib. org/](http://www.diglib.org/)
- [6] Glasgow Information Retrieval Group, 英国格拉斯哥大学信息检索研究小组, [http://www. dcs. gla. ac. uk/ir/](http://www.dcs.gla.ac.uk/ir/)
- [7] IBM. The Information Retrieval and Analysis Group, IBM 研究院信息检索与分析小组 [http://www. research. ibm. com/irgroup/](http://www.research.ibm.com/irgroup/)
- [8] Information and Language Processing Systems Group at the University of Amsterdam, 荷兰阿姆斯特丹大学信息和语言处理系统研究小组, [http://ilps. science. uva. nl/](http://ilps.science.uva.nl/)
- [9] Information Retrieval Specialist Group, 信息检索专家小组, [http://irsg. bcs. org/](http://irsg.bcs.org/)
- [10] Massachusetts, The Center for Intelligent Information Retrieval(CIIR) , 美国马萨诸塞大学智能信息检索中心, [http://ciir. cs. umass. edu/](http://ciir.cs.umass.edu/)
- [11] Microsoft Research , Information Retrieval and Analysis, 微软研究院信息检索与分析小组, [http://research. microsoft. com/en-us/groups/ir/](http://research.microsoft.com/en-us/groups/ir/)

- [12] MSR Asia, Web Search & Data Mining Group, 微软亚洲研究院网络检索与数据挖掘小组, <https://www.microsoft.com/en-us/research/group/web-search-and-data-management/>
- [13] National Centre for Text Mining (UK), 英国国家文本挖掘研究中心, <http://www.nactem.ac.uk/>
- [14] Professional Associations in the Information Sciences, 美国圣何塞州立大学信息科学专业协会, <http://slisweb.sjsu.edu/resources/orgs.htm>
- [15] PSU Intelligent Systems Research Laboratory, 美国宾夕法尼亚州立大学智能系统研究实验室, <http://iis.ist.psu.edu/>
- [16] Stanford InfoLab, 美国斯坦福大学信息实验室, <http://infolab.stanford.edu/>
- [17] The American Society for Information Science and Technology (ASIS&T), 美国信息科学与技术协会, <https://www.asist.org/>
- [18] The International World Wide Web Conferences Steering Committee (IW3C2), 国际万维网会议组委会, <http://www.iw3c2.org/>
- [19] The Next Generation Information Retrieval Group, 芬兰下一代信息检索研究组, <http://cosco.hiit.fi/search/>
- [20] University of Cambridge, The Natural Language and Information Processing (NLIP) Research Group, 英国剑桥大学自然语言和信息处理研究小组, <http://www.cl.cam.ac.uk/Research/NL/>
- [21] UIUC Information Retrieval Group, 美国伊利诺伊州立大学香槟分校信息检索小组, <http://sifaka.cs.uiuc.edu/ir/>
- [22] 北京大学搜索引擎与互联网信息挖掘组(天网组), <http://sewm.pku.edu.cn/>
- [23] 北京大学计算语言学研究所, <http://opendata.pku.edu.cn/dataverse/icl>
- [24] 复旦大学信息检索和自然语言处理组, <http://www.cs.fudan.edu.cn/mcwil/irnlp/>
- [25] 哈尔滨工业大学信息检索组, <http://ir.hit.edu.cn/>
- [26] 清华大学智能技术与系统国家重点实验室, <http://www.csai.tsinghua.edu.cn/>

(五)会议

- [1] ACM/IEEE Joint Conference on Digital Libraries(JCDL), ACM/IEEE 数字图书馆联合会议, <http://jcdl.org/>

- [2] Annual Information Literacy Summit, 年度信息素养峰会, <http://www.informationliteracy.org.uk/tag/conferences/>
- [3] Conference on Information and Knowledge Management (CIKM) 美国马里兰大学巴尔的摩分校信息和知识管理大会, <http://www.csee.umbc.edu/cikm/>
- [4] European Conference on Information Retrieval (ECIR), 欧洲信息检索会议, <https://ecir2019.org/>
- [5] European Conference on Information Literacy (ECIL), 欧洲信息素养会议, <http://ilconf.org/>
- [6] Information Literacy Assessment, 信息素养评估, https://www.information-literacyassessment.com/?page_id=1036
- [7] Initiative for the Evaluation of XML Retrieval (INEX), XML 检索国际测评会议, <https://inex.mmci.uni-saarland.de/about.html>
- [10] International Conference on Information Integration, 国际信息集成会议, <http://www.iawas.org/conferences/iawas2019/>
- [11] International Conference on Machine Learning (ICML), 机器学习国际会议, <https://icml.cc>
- [13] Librarians' Information Literacy Annual Conference, 图书馆员信息素养年会, <https://www.lilacconference.com/about-lilac/background>
- [14] Multimedia Information Retrieval Workshop, 英国多媒体信息检索讨论会, <https://www.nii.ac.jp/en/event/workshop/>
- [15] NACSIS Test Collections for Information Retrieval (NTCIR), 日本国家科学信息中心信息检索系统测试集会议, <http://research.nii.ac.jp/ntcir/index-en.html>
- [17] Symposium of Search Engine and WebMining (SEWM), 中国搜索引擎和网上信息挖掘学术研讨会, <http://net.pku.edu.cn/~sewm/>
- [18] Text Analysis Conferences (TAC), 美国国家标准技术研究院文本分析会议, <http://www.nist.gov/tac/>
- [19] Text REtrieval Conference (TREC), 美国国家标准技术研究院文本检索会议, <http://trec.nist.gov/>
- [20] The Association for Computational Linguistics (ACL) Conference, 计算机语言学学会年会, <http://www.aclweb.org/>
- [21] WWW Conference series, 万维网会议系列, <http://www.iw3c2.org/>

- [23] 全国计算语言学学术会议, <http://www.cips-cl.org/static/CCL2019/index.html>

(六) 博客与论坛

- [1] Cross-Language Evaluation Forum (CLEF), <http://www.clef-campaign.org>
 [2] Data Mining Text Mining, Visualization and Social Media, <http://datamining.typepad.com/>
 [3] Google Blogscoped, <http://blogscoped.com/>
 [4] Hal Daume III, <http://users.umi.acs.umd.edu/~hal/>
 [5] Research Buzz, <https://researchbuzz.me/about/>

(七) 系统与项目

- [1] Apache Lucene: a full-featured text search engine library, 全文搜索引擎图书馆 <http://lucene.apache.org/java/docs/index.html>
 [2] A General Architecture for Text Engineering (Gate), 英国文本处理基本构建, <http://gate.ac.uk/>
 [3] Managing Gigabytes fast search engine, 管理千兆字节快速搜索引擎, <http://www.math.utah.edu/pub/mg/>
 [4] MySQL full-Text Search, MySQL 全文检索软件, <http://dev.mysql.com/doc/refman/5.0/en/fulltext-search.html>
 [5] NII-NACSIS Test Collection for IR Systems (NTCIR), 日本国家科学信息中心信息检索系统, <http://research.nii.ac.jp/ntcir/>
 [6] Open Source Search Engines Tools Product Listings, 开源搜索引擎工具列表, <http://www.searchtools.com/tools/tools.html>
 [7] Proteus Project, 美国纽约大学 Proteus (希腊海神) 研究项目 <http://nlp.cs.nyu.edu/index.shtml>
 [8] Search Engine Showdown, 搜索引擎比较, <http://www.searchengineshowdown.com/>
 [9] Smart Early IR engine from Cornell University (Smart), 美国康奈尔大学智能信息检索引擎, <ftp://ftp.cs.cornell.edu/pub/smart/>
 [10] Terrier IR Platform, 英国格拉斯哥大学 Terrier 信息检索平台, <http://ir.dcs.gla.ac.uk/terrier/>
 [11] Text to Matrix Generator (TMG) TMG 内容挖掘软件, http://scgroup20.ceid.upatras.gr:8000/tmg/index.php/Main_Page

- [12] The Anatomy of a Large-Scale Hypertextual Web Search Engine, 美国斯坦福大学关于大规模超文本的网络检索引擎的分析, <http://infolab.stanford.edu/~backrub/google.html>
- [13] The Lemur Toolkit for Language Modeling and Information Retrieval, Lemur 语言模型和信息检索工具组, <http://www.lemurproject.org/>
- [14] Webglimpse Site Search Software, Webglimpse 网站搜索软件, <http://webglimpse.net/subfeatures/features.html>
- [15] Wumpus File System Retrieval, 加拿大滑铁卢大学 Wumpus 文档系统检索, <http://www.wumpus-search.org/>

附录2 查新合同的格式

(来源于国家标准《科技查新技术规范》附录 E,标准号 GBT 32003-2015)

科技查新委托单

编号： 填表日期： 年 月 日

查新项目名称		中文					
		英文					
委 托 人	单位名称					机构类别代码	
	通信地址				邮政编码		
	负责人		电话		手 机		
	联系人		电话		手 机		
			传真		电子邮箱		
查 新 机 构	机构名称				网 址		
	通信地址				邮政编码		
	联系人		电话		手 机		
			传真		电子邮箱		
<div>一、委托须知</div> <div>1. 委托人必须按要求认真填写并对所提供资料的真实性及可靠性负责，查新委托内容经确认并被受理后，则不能随意更改。若委托人要求更改查新内容或增加查新点，则需重新办理查新委托，并按新项目收费，或双方协商酌情增加收费。</div> <div>2. 项目查新实行先付费制度，受托人与查新机构确认查新内容并按收费标准办理缴款手续后，查新委托方被受理。</div> <div>3. 查新受理日以缴款或汇款凭证传真至本查新机构的日期为准。</div> <div>4. 若有其他情况，请致电 查询。</div>							