



ProQuest 学科专辑数据库

平台登录链接: <https://www.proquest.com> (注册 IP 内直接登录, 学科专辑包含了系列数据库, 各机构订购的专辑存在差异, 具体数据库登录方式查看文件中附录)

平台登录二维码



数据库类型: 全文、文摘和索引/期刊、报告等

日期: 1909年-至今 (少量例外, 系列学科专辑数据库收录时间各不相同)

语种: 英文为主

学科: 综合类, 主要涵盖了材料、工程、航空航天、计算机、农业、环境、生物、医学、地球、大气、水产、司法、教育、语言、图书馆与信息科学、社会学、艺术、人文、设计、建筑等学科

一、数据库简介

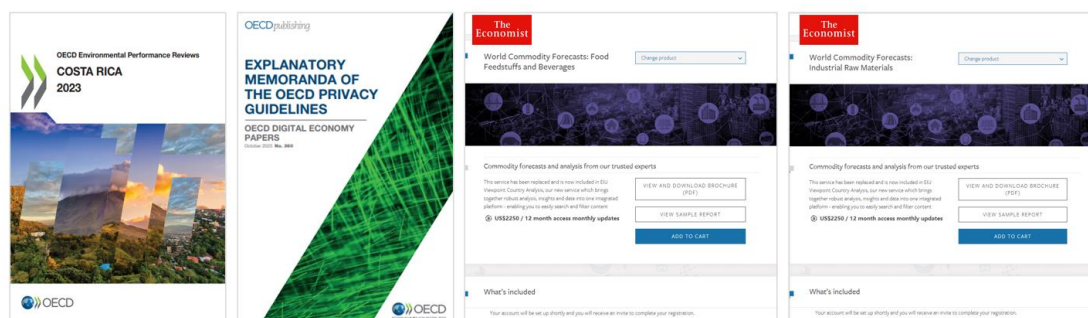
ProQuest 学科专辑数据库中包含了系列数据库, 按照领域划分, 包括了 SciTech Premium

Collection 科学与技术学科专辑数据库高级版, Social Science Premium Collection 社会科学学科专辑数据库高级版, Art, Design & Architecture Collection 艺术、设计与建筑学学科专辑数据库。三大学科专辑数据库中又包含了不同层级的子库, 主要数据库构架查看文件中附录

ProQuest 学科专辑数据库到 2024 年底, 该库收录了 12,000 多种全文出版物 (未统计原剑桥科学文摘收录出版物), 同时提供全球 300,000 多篇技术领域博硕论文全文。提供众多一流的学术期刊, 例如:



以及来自经济合作与发展组织 OECD、EIU 经济学人等机构的研究报告, 例如:

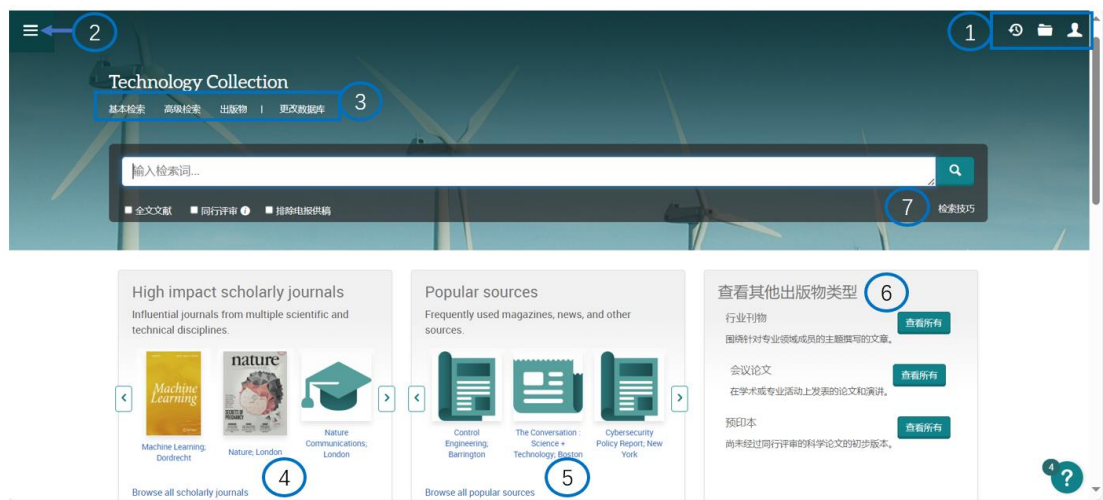


收录内容来自全球上千家出版机构, 含主流出版商、学术团体、专业协会、大学出版社, 例如:

同时还提供知名原剑桥科学文摘，例如：NTIS, ASFA, ERIC, AGRICOLA, LISA, LLBA, MGA, GeoRef 等

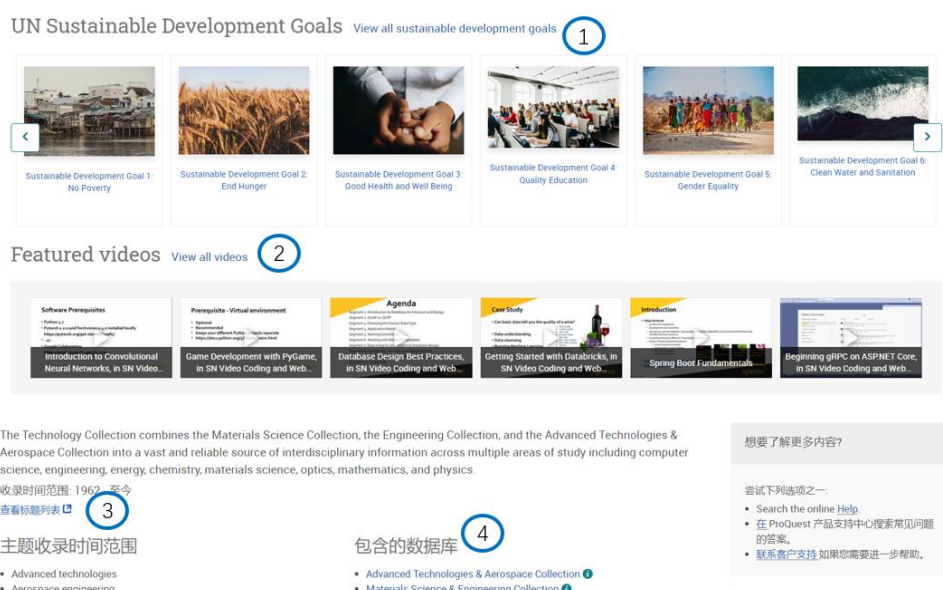
二、数据库使用简介（以 Technology Collection 为例）

1-1 基本检索（页面上方）



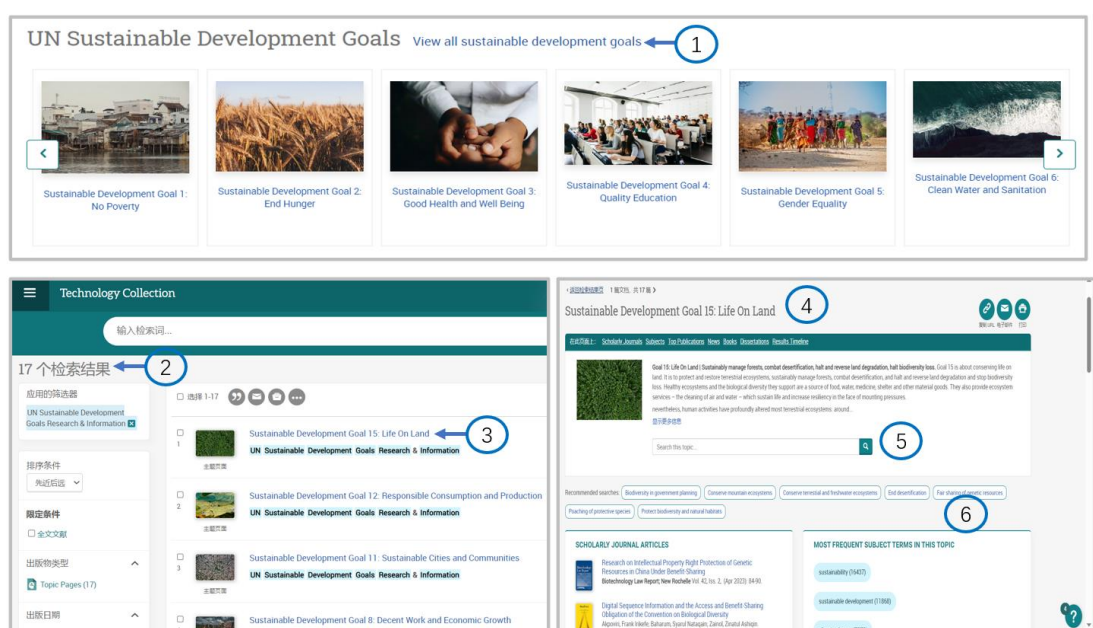
说明： 1. 近期检索策略、所选文献记录、个人账户“我的检索”和界面语种等 2.通过左上汉堡按钮实现功能切换 3.切换不同的功能页面，高级检索（含命令行检索），出版物（浏览与刊中检索）等 4.学术期刊推荐及查看全部学术期刊 5.常用行业杂志、杂志、报纸及查看这三种类型全部出版物 6.查看行业杂志、会议论文、预印本 7.检索技巧在线说明资料。注意：4.5.6 三种出版物查询方式也可以通过**出版物页**实现。

1-2 基本检索（页面下方）



说明： 1. 联合国可持续发展目标-17 个目标主题页 2.学术视频 3.下载所收录出版物清单 4.包含的子数据库

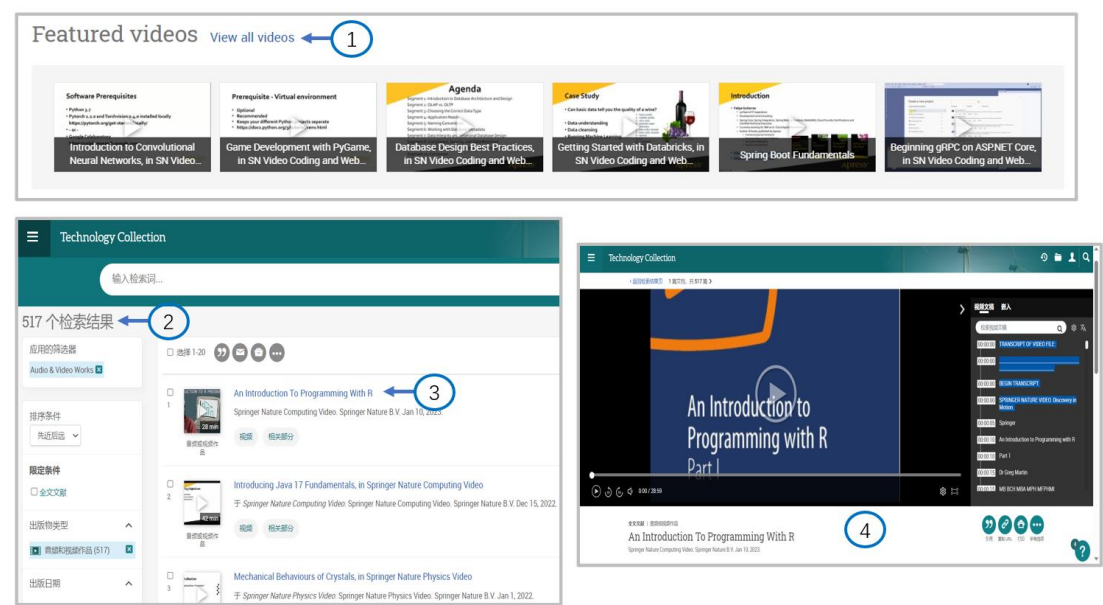
1-3 基本检索（联合国可持续发展目标）



说明： 1. 可以浏览全部 17 个目标主题页（或是单击下方具体某个主题） 2. 点击后，检索结果页呈现全部目标主题 3. 点击具体目标主题 4. 进入具体目标主题页 5. 可实现在该目标主题范围检索（预设了检索策略） 6. 推荐检索策略、相关的学术文章、推荐主题，页面下方还包括了该主题主要出版物、新闻报道、杂志文章、书、博硕论文、近十年检索结果分布等

1-4 基本检索（学术视频）

学术视频主要来在 Springer Nature Computing Video 、Springer Nature Physics Video 等



说明：1.查看全部视频 2.显示视频文献数 3.点击具体视频 4.打开该视频浏览页

2 高级检索



说明： 1.通过下拉菜单选择常用检索字段，例如标题、摘要、作者、主题、全文等。2.提供在线帮助，包括词库（提供了 4 个主题词表：Environmental Science Thesaurus、Life Sciences Thesaurus、ProQuest Thesaurus、Technology Thesaurus，由于技术学科专辑数据库包含了多个学科的子库，部分子库采用了专门的主题词表）、字段代码、检索技巧等。3.可限定全文

文献、同行评审、排除电报、出版日期、出版物类型、文档类型、语言等，可在线查询主题、公司/组织及限定

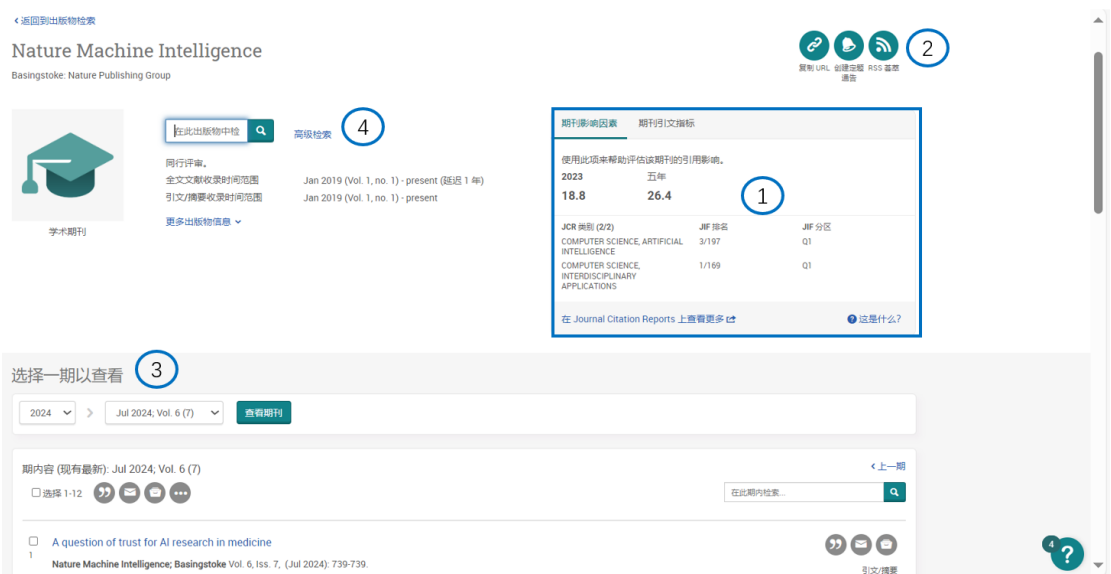
3 出版物

<https://www.proquest.com/technology1/publicationbrows> 提供了检索和浏览刊物



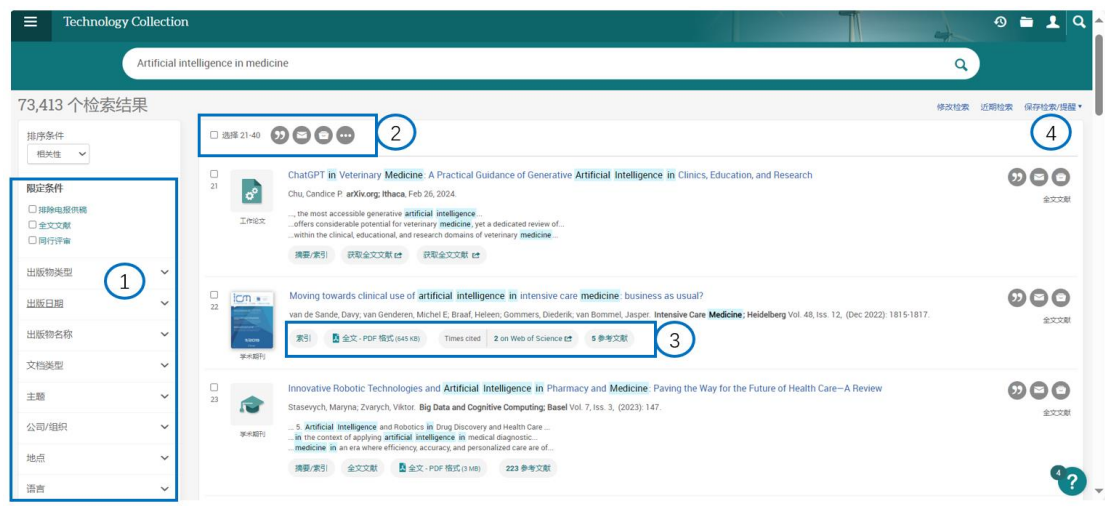
说明：1.支持出版物标题、摘要、主题检索。2.可以限定出版物类型、名称、语言、出版商。

具体出版物页面举例：



说明：在出版物页面提供了：1.在 JCR 中期刊评价指标，含 JCI 期刊引文指标，类别、排名及分区，如订购了 JCR，将显示 JIF 期刊影响因子、类别、排名及分区等 2.期刊定题 3.按卷期浏览 4.刊中检索。

4 检索结果页



说明：1.检索结果可以按照出版物类型、出版日期、出版物名称、主题、语言等进行限定 2.可选多篇文献实现批处理，包括生成引文、电邮、保存到“我的检索”，其中...按钮提供了导出和保存的更多选项 3.文献的摘要/索引、全文、在 Web of Science 核心合集中被引频次等。4.保存检索与检索定题。

5 文献详情页

Technology Collection

[返回检索结果页](#)
[11 篇文档, 共 57,101 篇](#)

[全文文献](#) | [学术期刊](#)

Perspective of artificial intelligence in healthcare data management: A journey towards precision medicine

Nancy Sanjay Gupta, Kumar, Pravir. Computers in Biology and Medicine, Oxford, Vol. 162, (Aug 2023). DOI:10.1016/j.combiomed.2023.107051

1

全文文献

全文 - PDF 格式

摘要/索引

2

参考文献

3

引用次数

4

Web of Science

5

包含共享参考文献的文档

摘要

翻译

自 英语 至 简体中文 翻译

5

摘要

Mounting evidence has highlighted the implementation of big data handling and management in the healthcare industry to improve the clinical services. Various private and public companies have generated, stored, and analyzed different types of big healthcare data, such as omics data, clinical data, electronic health records, personal health records, and sensing data with the aim to move in the direction of precision medicine. Additionally, with the advancement in technologies, researchers are curious to extract the potential involvement of artificial intelligence and machine learning on big healthcare data to enhance the quality of patient's lives. However, seeking solutions from big healthcare data requires proper management, storage, and analysis, which imposes hinderances associated with big data handling. Herein, we briefly discuss the implication of big data handling and the role of artificial intelligence in precision medicine. Further, we also highlighted the potential of artificial intelligence in integrating and analyzing the big data that offer personalized treatment. In addition, we briefly discuss the applications of artificial intelligence in personalized treatment, especially in neurological diseases. Lastly, we discuss the challenges and limitations imposed by artificial intelligence in big data

更多

全文文献

翻译

自 英语 至 简体中文 翻译

5

6

开启检索导航

1 Introduction

ProQuest has been a leading provider of digital content and services for over 50 years. It is a leading provider of digital content and services for over 50 years. It is a leading provider of digital content and services for over 50 years.

3

显示突出显示

建议来源

Perspective of artificial intelligence in healthcare data management: A journey towards precision medicine. Gupta, Nancy Sanjay; Kumar, Pravir. Computers in biology and medicine Vol. 162, (August 2023): 107051.

Guidance, Considerations, & Intentions for the Use of Artificial Intelligence in West Virginia Schools. Version 1.1 West Virginia Department of Education. West Virginia Department of Education : West Virginia Department of Education, (2024)

Research on Artificial-Intelligence-Assisted Medicine: A Survey on Medical Artificial Intelligence Gou, Fangfang; Liu, Jun; Xiao, Chunwen; Wu, Jia. Diagnostics, Basel Vol. 14, Iss. 14, (2024): 1472.

The future of valvular heart disease assessment and therapy Sengupta, Partho P; Kluin, Jolanda; Seung-Pyo, Lee; Oh, Jae K; Anthal, P M Smits. The Lancet, London Vol. 403, Iss. 10436, (Apr 20, 2024): 1590-1600.

Optimization Algorithm of Intelligent Warehouse Management System Based on Reinforcement Learning Zhou, Jianjun. Journal of Electrical Systems.

4

下载 PDF 引用 复制 URL 打印 所有选项

说明： 1.内容类型 2.部分文献提供了参考文献、引用人、共享参考文献、在 Web of Science 核心合集中被引频次等 3.推荐相关文献 4.单篇文献处理，包括生成引文、电邮、保存到“我的检索”，其中...按钮提供了导出和保存的更多选项 5.针对大部分 Html 格式摘要和全文提供了翻译 6.提供在线聆听和下载 MP3。注：部分功能需要在管理平台激活。

6 其他

中文公开课

<https://proquest.libguides.com/webinar> (中文)

数据库在线指南

<https://proquest.libguides.com/>

全球公开课

<https://clarivate.com/research-solutions-live-training/> (英语等)

ProQuest 学术公众号

附录

学科专辑中主要数据库架构	登录链接
1.ProQuest Scitech Premium Collection	https://www.proquest.com/scitechpremium

1.1 Technology Collection	https://www.proquest.com/technology1
1.1.1 Advanced Technologies & Aerospace Collection	https://www.proquest.com/advancedtechaerospace
1.1.2 Materials Science & Engineering Collection	https://www.proquest.com/materialscienceengineering
1.1.2.1 Engineering Collection	https://www.proquest.com/engcoll
1.1.2.2 Materials Science Collection	https://www.proquest.com/mscoll
NTIS Database (National Technical Information Service) (可选购)	https://www.proquest.com/ntis
1.2 Natural Science Collection	https://www.proquest.com/naturalscience
1.2.1 Agricultural & Environmental Science Collection	https://www.proquest.com/agricenvironm
1.2.1.1 Agricultural Science Collection	https://www.proquest.com/agriculture
1.2.1.1.1 AGRICOLA	https://www.proquest.com/agricolamodule
1.2.1.1.2 Agriculture Science Database	https://www.proquest.com/agriculturejournals
1.2.1.2 Environmental Science Collection	https://www.proquest.com/escoll
1.2.2 Biological Science Collection	https://www.proquest.com/biologicalscience1
1.2.3 Earth, Atmospheric & Aquatic Science Collection	https://www.proquest.com/earthatmosphericaquatic
1.2.3.1 Aquatic Science and Fisheries Abstracts (ASFA)	https://www.proquest.com/asfa

1.2.3.2 Meteorological and Geoastrophysical Abstracts (MGA)	https://www.proquest.com/mga
1.2.3.3 Earth, Atmospheric & Aquatic Science Database	https://www.proquest.com/eaasdb
GeoRef (可选购)	https://www.proquest.com/georef
1.3 Science Database	https://www.proquest.com/sciencejournals
2.Social Science Premium Collection	https://www.proquest.com/socialsciencepremium
2.1 Criminology Collection	https://www.proquest.com/criminology
2.1.1 Criminal Justice Database	https://www.proquest.com/criminaljusticeperiodicals
2.1.2 National Criminal Justice Reference Service (NCJRS) Abstracts Database	https://www.proquest.com/ncjrs
2.2 Education Collection	https://www.proquest.com/education1
2.2.1 Education Database	https://www.proquest.com/education
2.2.2 ERIC	https://www.proquest.com/eric
2.3 International Bibliography of the Social Sciences (IBSS)	https://www.proquest.com/ibss
2.4 Library & Information Science Collection	https://www.proquest.com/libraryinformation
2.4.1 Library & Information Science Abstracts (LISA)	https://www.proquest.com/lisa

2.4.2 Library Science Database	https://www.proquest.com/libraryscience
2.5 Linguistics Collection	https://www.proquest.com/linguistics1
2.5.1 Linguistics Database	https://www.proquest.com/linguistics
2.5.2 Linguistics and Language Behavior Abstracts (LLBA)	https://www.proquest.com/llba
2.6 Politics Collection	https://www.proquest.com/politics
2.6.1 Political Science Database	https://www.proquest.com/politicalscience
2.6.2 PAIS Index	https://www.proquest.com/pais
2.6.3 Policy File Index	https://www.proquest.com/policyfile
2.6.4 Worldwide Political Science Abstracts	https://www.proquest.com/wpsa
2.7 Social Science Database	https://www.proquest.com/socscijournals
2.8 Sociology Collection	https://www.proquest.com/sociology1
2.8.1 Applied Social Sciences Index & Abstracts (ASSIA)	https://www.proquest.com/assia
2.8.2 Sociological Abstracts	https://www.proquest.com/sociologicalabstracts
2.8.3 Sociology Database	https://www.proquest.com/sociology
EconLit (可选购)	https://www.proquest.com/econlit
3. Art, Design & Architecture Collection	https://www.proquest.com/adac/arts
3.1 ARTbibliographies Modern (ABM)	https://www.proquest.com/artbibliographies
3.2 Arts & Humanities Database	https://www.proquest.com/artshumanities

3.3 Design & Applied Arts Index (DAAI)	https://www.proquest.com/daai
3.4 International Bibliography of Art (IBA)	https://www.proquest.com/iba