Clarivate
Web of Science™

新版Web of Science平台功能介绍及应用

目录

Clarivate™

1 Web of Science平台资源简介

Web of Science™平台

Web of Science™核心合集

自然科学

社会科学

艺术人文

CABI

(The British international agriculture and biological sciences research center

英国国际农业与生物科学研究中心)

◆CAB Abstracts

◆Global Health

MEDLINE

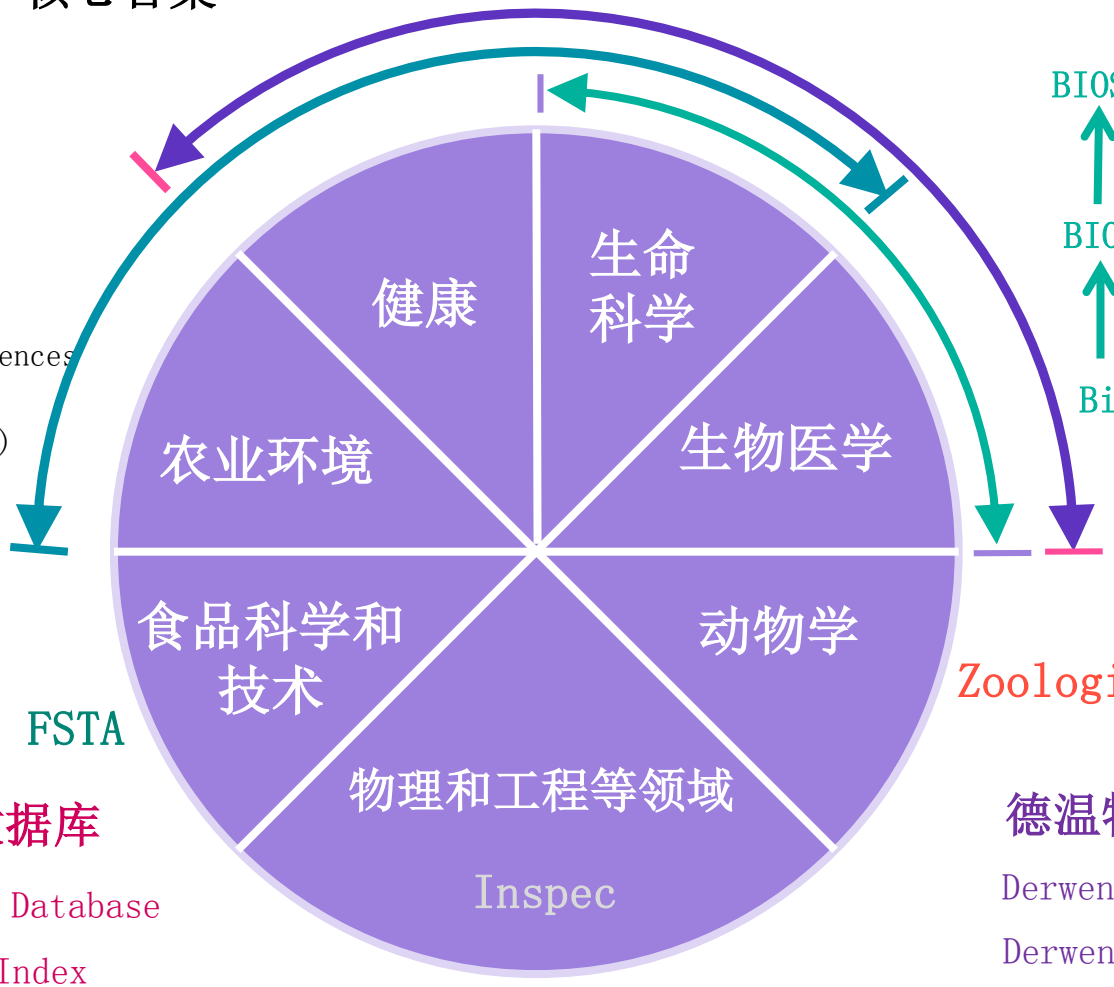
BIOSIS Citation Index

+引文索引的BP

BIOSIS Previews

期刊内容以及Reports, Review, Meetings等内容

Biological Abstracts



一站式发现检索分析平台，为科研共同体中的基础研究与高影响力研究提供强大的、多学科的数据资源

FSTA

Zoological Record

区域性的引文数据库

KCI-Korea Journal Database

Russian Citation Index

SciELO Citation Index

中国科学引文数据库

科研数据引文数据库

Data Citation Index

德温特专利数据库

Derwent World Patent Index

Derwent Patent Citation Index

Clarivate™

Web of Science™核心合集数据库

- **Science Citation Index Expanded (科学引文索引)**

  178个学科的9500多种高质量学术期刊

- **Social Sciences Citation Index (社会科学引文索引)**

  58个社会科学学科的3500多种权威学术期刊

- **Arts & Humanities Citation Index (艺术与人文引文索引)**

  收录28个人文艺术领域学科的1800多种国际性、高影响力的学术期刊的数据内容

- **Emerging Sources Citation Index (ESCI) --2005年至今**

期刊
SCI+SSCI+A&HCI+ESCI

- **Conference Proceedings Citation Index – Science+ Social Science & Humanities**

  (会议录引文索引– 自然科学版+社会科学与人文版)

  超过200,000个会议录，涉及250多个学科

会议
CPCI-S+CPCI-SSH

- **Book Citation Index - Science + Social Science & Humanities**

  (图书引文索引–自然科学版 + 社会科学与人文版)

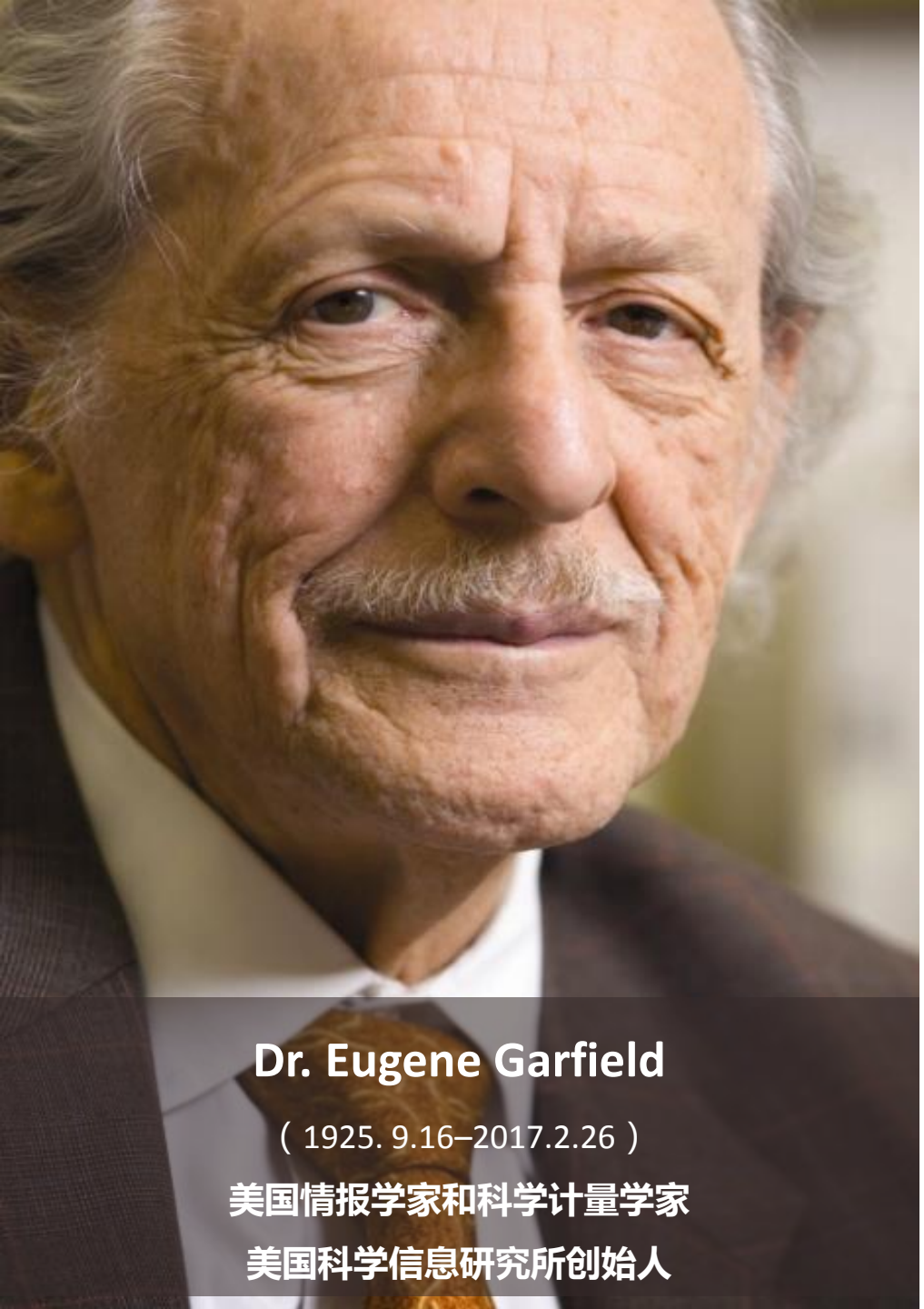
  收录超过101,800种学术专著，同时每年增加10,000种新书

图书
BKCI

- **IC/CCR(化学类数据库)**

  包括超过100万种化学反应信息及420万种化合物

化学式
IC/CCR



Dr. Eugene Garfield

（1925. 9.16–2017.2.26）

美国情报学家和科学计量学家

美国科学信息研究所创始人

独特

Citation Indexes for Science

A New Dimension in Documentation through Association of Ideas

Eugene Garfield

"The uncritical citation of disputed data by a writer, whether it be deliberate or not, is a serious matter. Of course, knowingly propagandizing unsubstantiated claims is particularly abhorrent, but just as many naive students may be swayed by unfounded assertions presented by a writer who is unaware of the criticisms. Buried in scholarly journals, critical notes are increasingly likely to be overlooked with the passage of time, while the studies to which they pertain, having been reported more widely, are

approach to subject control of the literature of science. By virtue of its different construction, it tends to bring together material that would never be collated by the usual subject indexing. It is best described as an association-of-ideas index, and it gives the reader as much leeway as he requires. Suggestiveness through association-of-ideas is offered by conventional subject indexes but only within the limits of a particular subject heading.

If one considers the book as the macro unit of thought and the periodical article

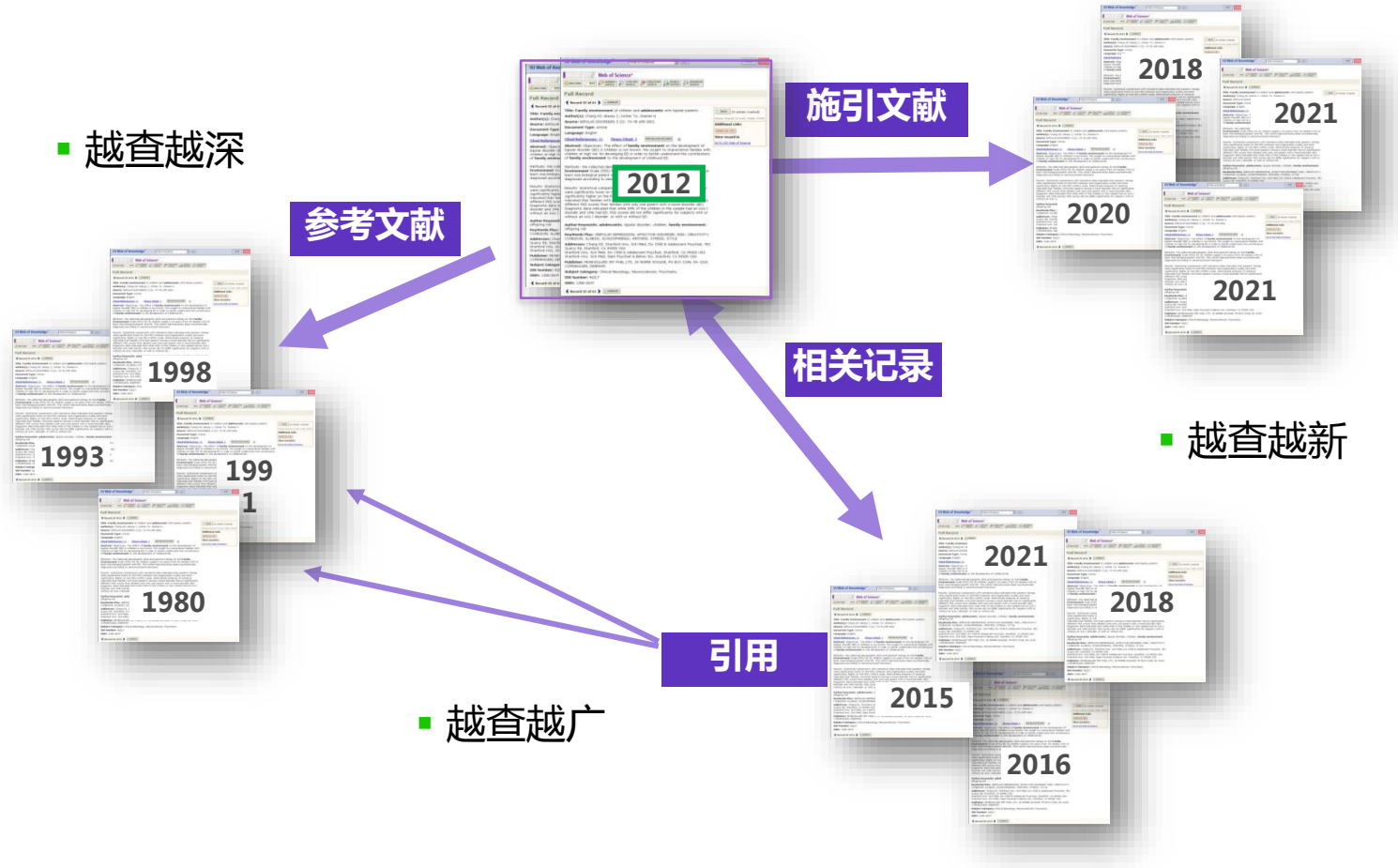
Citation Index 引文索引

Dr. Garfield 1955年在 *Science* 发表论文提出将引文索引作为一种新的文献检索与分类工具：将**一篇文献**作为检索字段从而跟踪一个Idea的发展过程及学科之间的交叉渗透的关系。

引文网络三维度检索——把握课题脉络 挖掘文献宝藏

独特

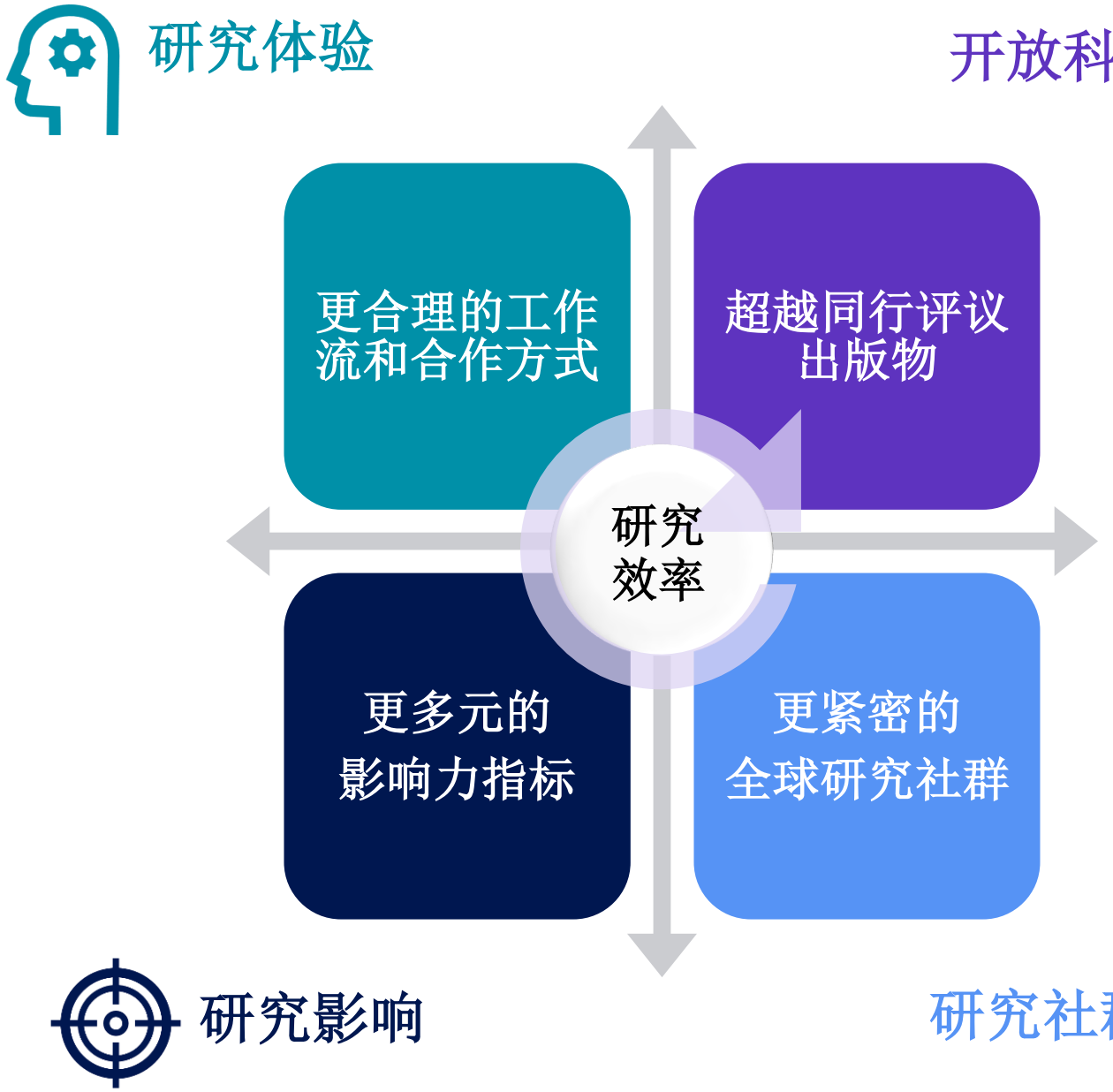
从一篇高质量的文献出发，沿着科学研究的发展道路前行



2 New Web of Science升级简介

新版 Web of Science

- 研究体验
- 开放科学
- 研究影响
- 研究社群



Clarivate™

New Web of Science升级更新速览

更新时间：截止到2021年5月27日

双平台权限时间节点

- 2020年11月30日，现有WoS用户全部开通
- 2021全部用户可双平台访问
- 2021年第三季度，全部用户直接访问New WoS，并可返回Classic WoS
- 2021年底前，逐步关闭Classic WoS

已迁移的数据库

- Web of Science Core Collection
- BIOSIS Citation Index
- Biological Abstracts
- BIOSIS Previews
- Zoological Records
- Chinese Science Citation Database
- CABI: CAB Abstracts and Global Health
- Medline
- All Databases
- KCI-Korean Journal Database
- Russian Science Citation Index
- SciELO Citation Index
- Inspec
- Data Citation Index
- Arabic Citation Index
- FSTA
- 更多数据库持续迁移中…

已迁移功能

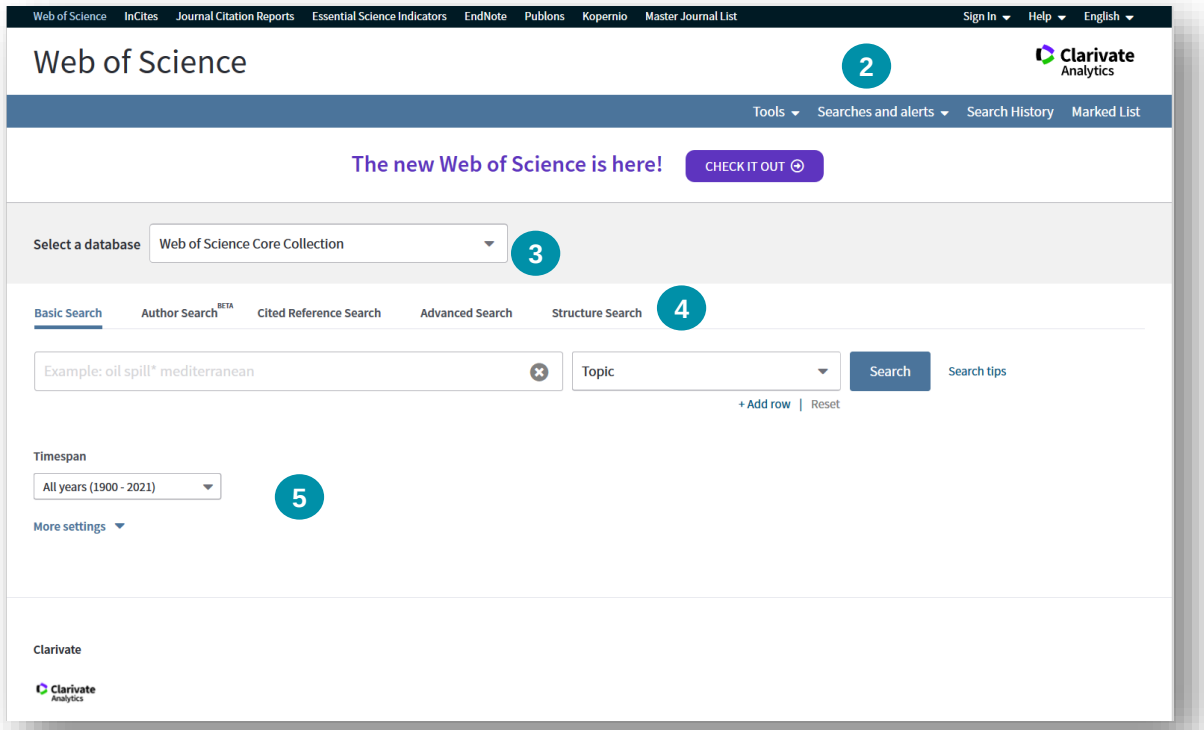
- 基本检索
- 高级检索
- 作者检索/作者记录
- 分析检索结果
- 创建引文报告及导出
- 文献导出格式EndNote、plain text file、Excel、导出至InCites及Publons等
- Publons同行评议徽章
- 创建跟踪，引文跟踪
- 全文选项
- Web of Science学科、 WoScc作者姓名检索支持输入联想
- 简体中文、繁体中文、日语、俄语、葡萄牙语、西班牙语操作界面
- 其他功能持续迁移中…

改进功能

- 被引参考文献检索支持全库检索
- 新增publisher检索字段
- 新增导出 RIS格式
- 文献最多可一次性导出1000篇记录
- 新增作者影响力射束图
- 新增作者记录correction功能，合并作者记录功能
- 改进检索历史
- 标记结果列表新增精炼选项
- 资源中心Pendo
- 引文报告：精炼分析文献的出版年
- 可分享的检索链接
- 高级检索新增“Exact search”
- 新增Early Access、Review articles精炼选项
- 检索字段升级：Affiliation,DOI, Accession number, PubMed ID
- 您可也想要…文献推荐
- Enriched cited references
- 基金数据及字段
- Library custom branding
- 更多个性化功能持续升级中…

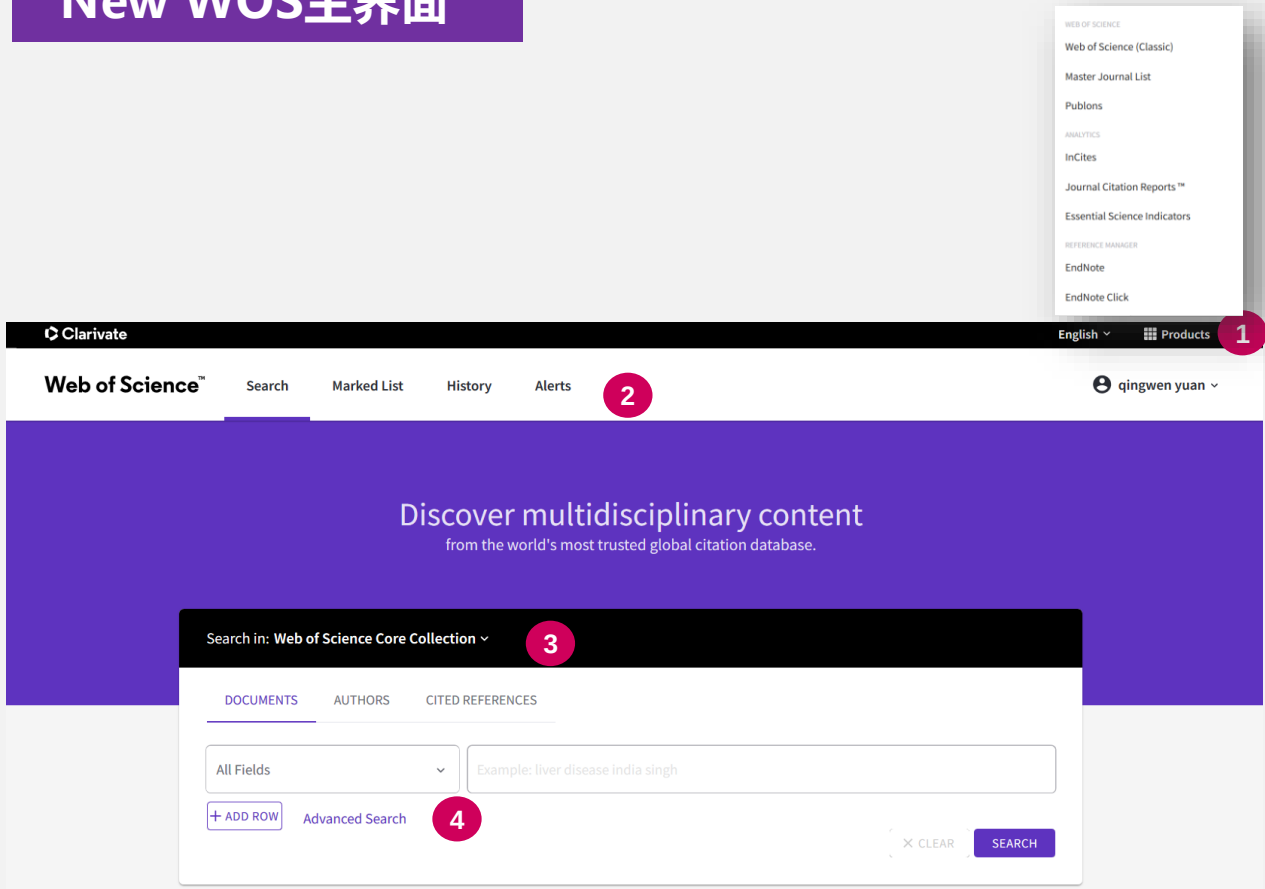
3 New Web of Science界面与新功能

Classic WOS主界面



1. 相关数据库快捷访问入口
2. 科研管理及帮助选项
3. 检索数据库选择
4. 基本检索与高级检索位置
5. 文献出版时间设置

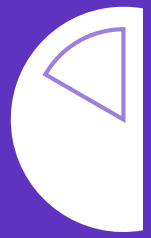
New WOS主界面



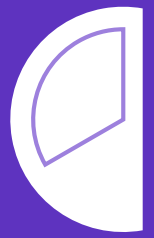
基本检索与高级检索均整合到文献检索模块

更加关注用户体验
让科研更高效

New Web of Science在科研中的应用



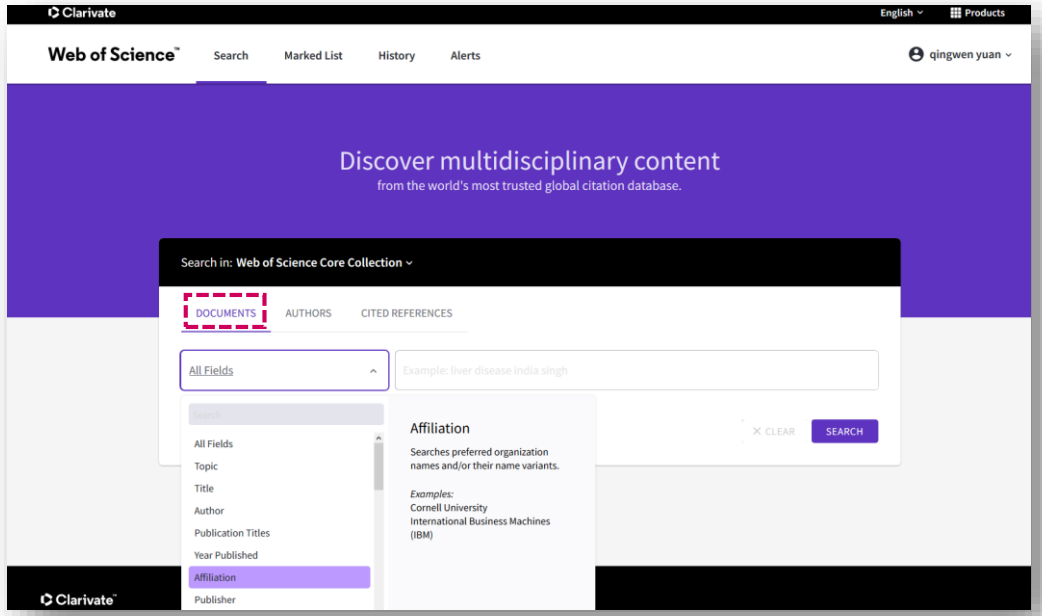
检索



分析

管理

基本检索-检索字段变更及新增



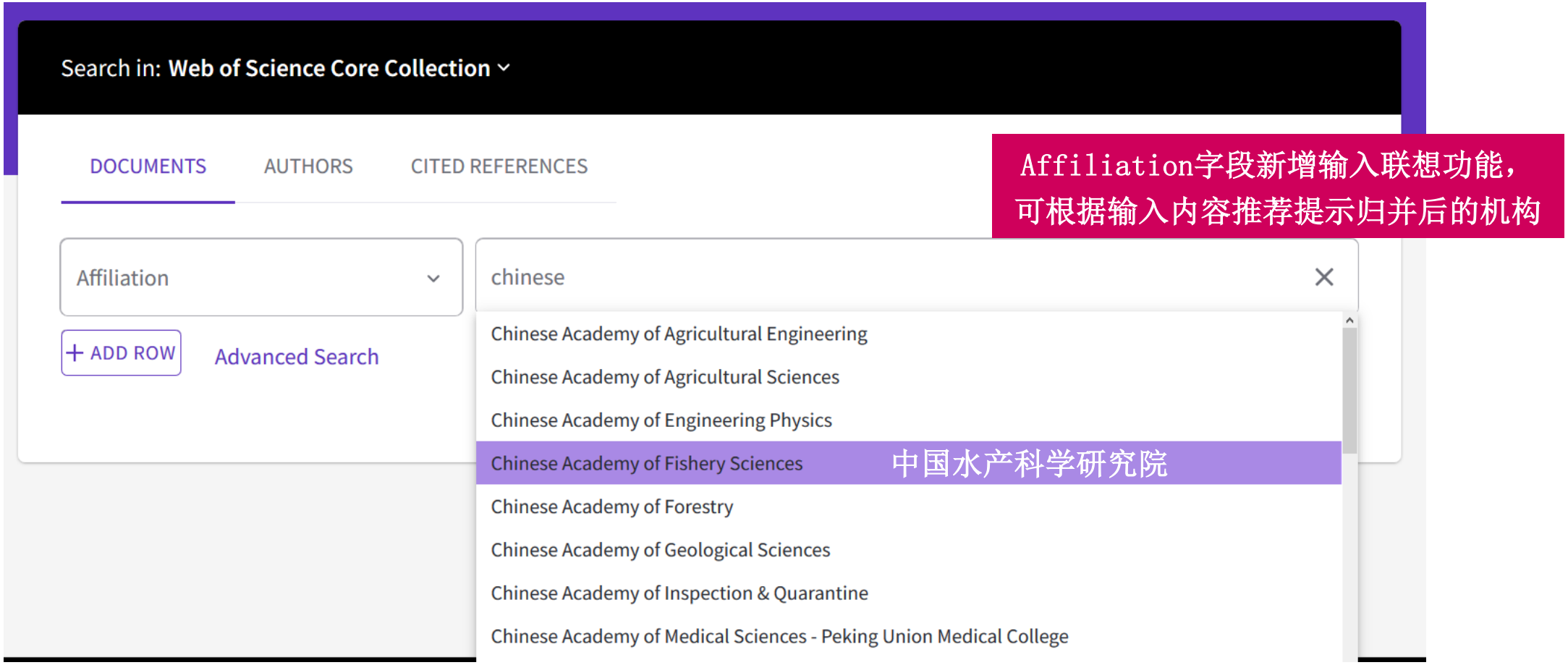
Classic WOS	New WOS
Topic	Topic
Title	Title
Author	Author
Publication name	Publication titles
Year published	Year published
Funding agency	Funding agency
Organization-enhanced	**Affiliation**
Accession number	Accession number
Address	Address
Author identifiers	Author identifiers
Conference	Conference
Document type	Document type
Doi	Doi
Editor	Editor
Grant number	Grant number
Group author	Group author
Language	Language
PubMed ID	PubMed ID
All fields	All fields
	Web of Science Categories
	Publisher
	Publication date
	Author keywords
	Keyword Plus ®
	Index date
	Abstract

机构扩展字段由 **Organization-enhanced** 重命名为**affiliation**

出版商名称字段已归并 - 可获取较为完整的出版商发行文献

基本检索模块
新增检索字段

基本检索：机构检索示例

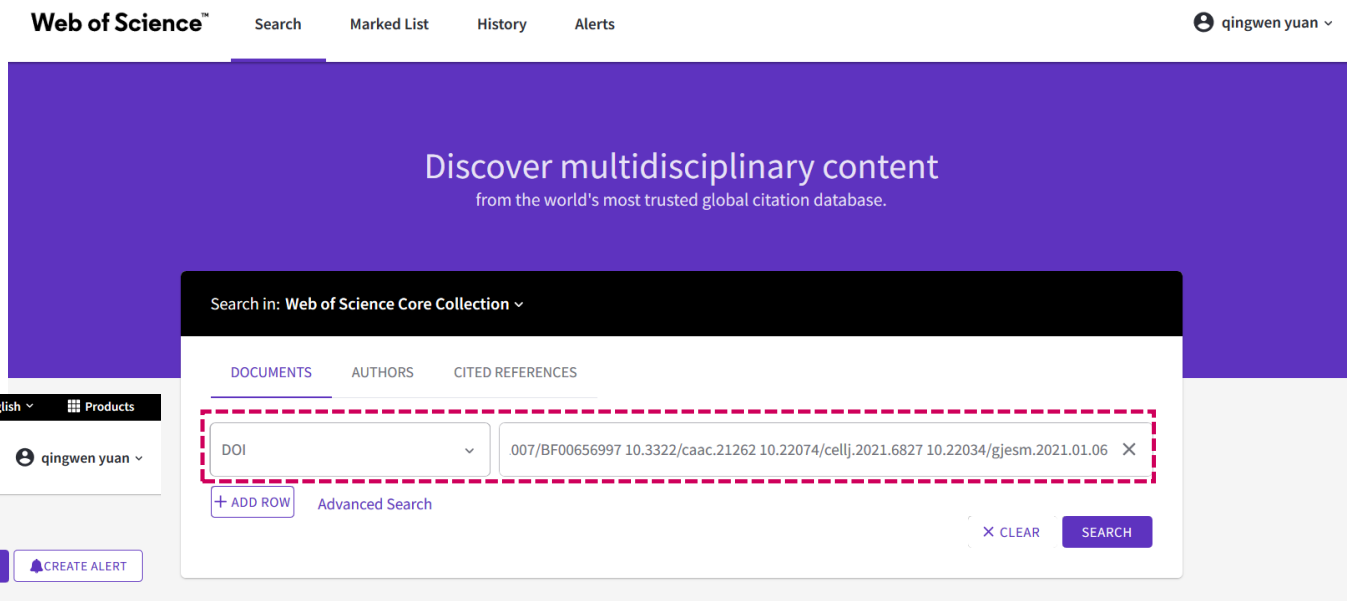


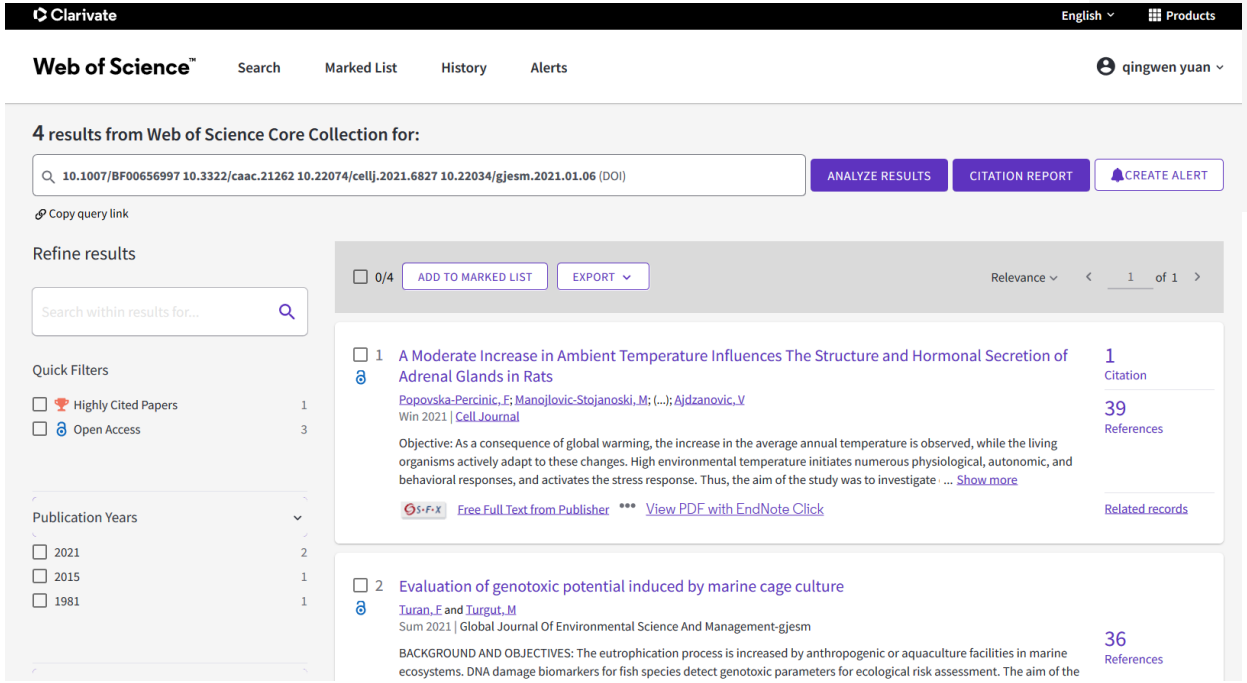
Affiliation字段新增输入联想功能，
可根据输入内容推荐提示归并后的机构

基本检索-功能升级

支持输入一串DOI，入藏号Accession Number、PubMed ID进行检索，无需布尔运算符连接

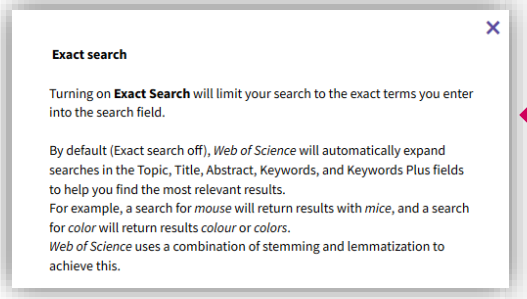
10.1007/BF00656997
10.3322/caac.21262
10.22074/cellj.2021.6827
10.22034/gjesm.2021.01.06

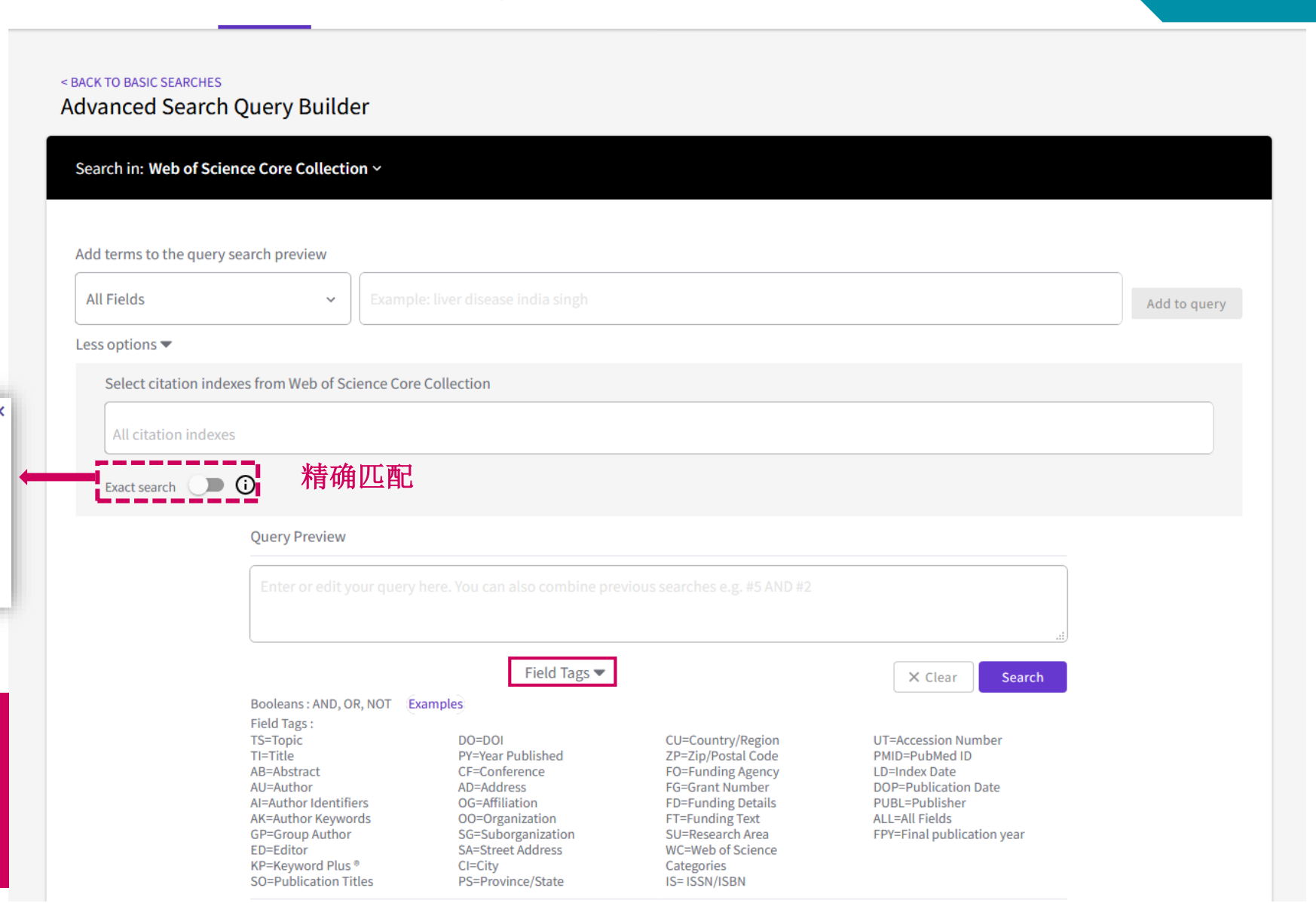




高级检索

Advance search中
新增“精准匹配”开关





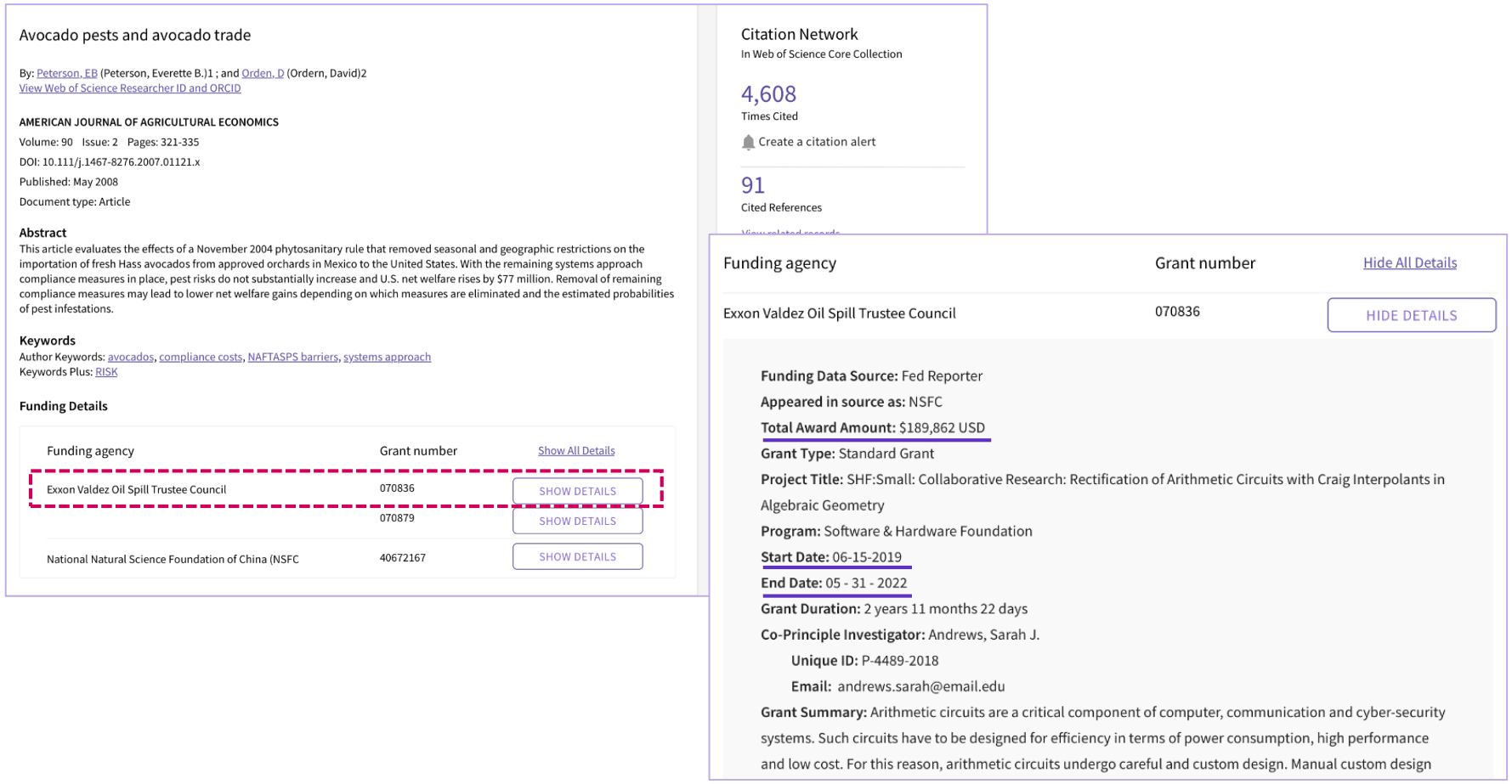
高级检索新增字段
DOP= Publication Date
LD= Index Date
FD=Funding Details
FPY=Final Publication Year

基金数据

- 5大基金数据来源
- 预计2021年将纳入20+的基金数据

- Grant Title
- Grant Summary
- Program Name
- Principle Investigator (and Co-Principle)
- Award Amount and Currency
- Grant Type
- Grant Duration
- Keywords

基金数据



Avocado pests and avocado trade

By: Peterson, EB (Peterson, Everette B.)1 ; and Orden, D (Ordern, David)2
View Web of Science Researcher ID and ORCID

AMERICAN JOURNAL OF AGRICULTURAL ECONOMICS
Volume: 90 Issue: 2 Pages: 321-335
DOI: 10.111/j.1467-8276.2007.01121.x
Published: May 2008
Document type: Article

Abstract
This article evaluates the effects of a November 2004 phytosanitary rule that removed seasonal and geographic restrictions on the importation of fresh Hass avocados from approved orchards in Mexico to the United States. With the remaining systems approach compliance measures in place, pest risks do not substantially increase and U.S. net welfare rises by $77 million. Removal of remaining compliance measures may lead to lower net welfare gains depending on which measures are eliminated and the estimated probabilities of pest infestations.

Keywords
Author Keywords: avocados, compliance costs, NAFTASPS barriers, systems approach
Keywords Plus: RISK

Funding Details

Funding agency	Grant number	Show All Details
Exxon Valdez Oil Spill Trustee Council	070836	SHOW DETAILS
	070879	SHOW DETAILS
National Natural Science Foundation of China (NSFC	40672167	SHOW DETAILS

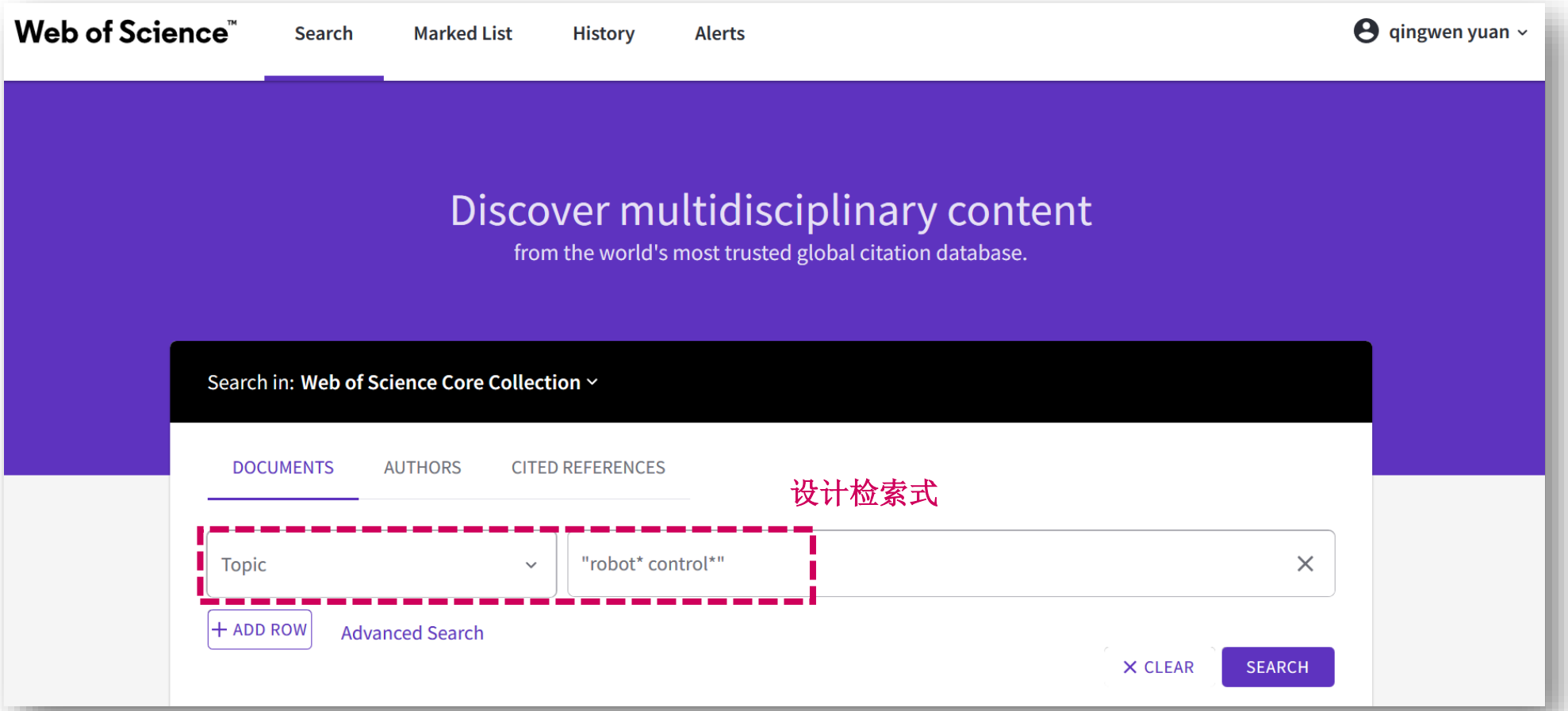
Citation Network
In Web of Science Core Collection
4,608
Times Cited
Create a citation alert
91
Cited References

Funding agency	Grant number	Hide All Details
Exxon Valdez Oil Spill Trustee Council	070836	HIDE DETAILS

Funding Data Source: Fed Reporter
Appeared in source as: NSFC
Total Award Amount: $189,862 USD
Grant Type: Standard Grant
Project Title: SHF:Small: Collaborative Research: Rectification of Arithmetic Circuits with Craig Interpolants in Algebraic Geometry
Program: Software & Hardware Foundation
Start Date: 06-15-2019
End Date: 05 - 31 - 2022
Grant Duration: 2 years 11 months 22 days
Co-Principle Investigator: Andrews, Sarah J.
Unique ID: P-4489-2018
Email: andrews.sarah@email.edu
Grant Summary: Arithmetic circuits are a critical component of computer, communication and cyber-security systems. Such circuits have to be designed for efficiency in terms of power consumption, high performance and low cost. For this reason, arithmetic circuits undergo careful and custom design. Manual custom design

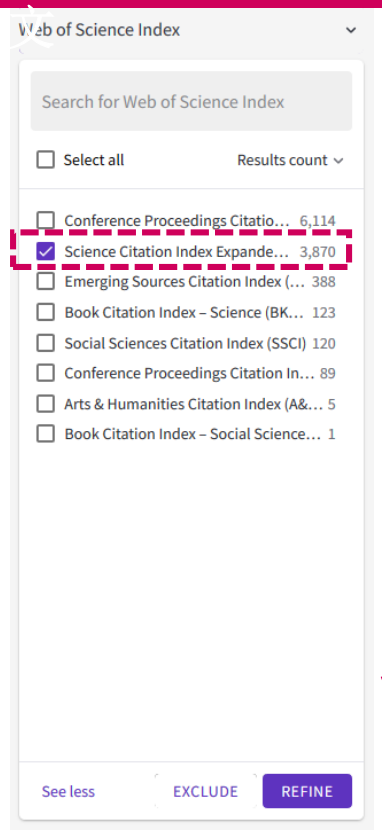
- 快速向资助者展示您的投资回报率（ROI）
- 深入了解全球研究基金状况，为您的战略规划提供依据
- 将您的机构与同行机构进行基金对标分析

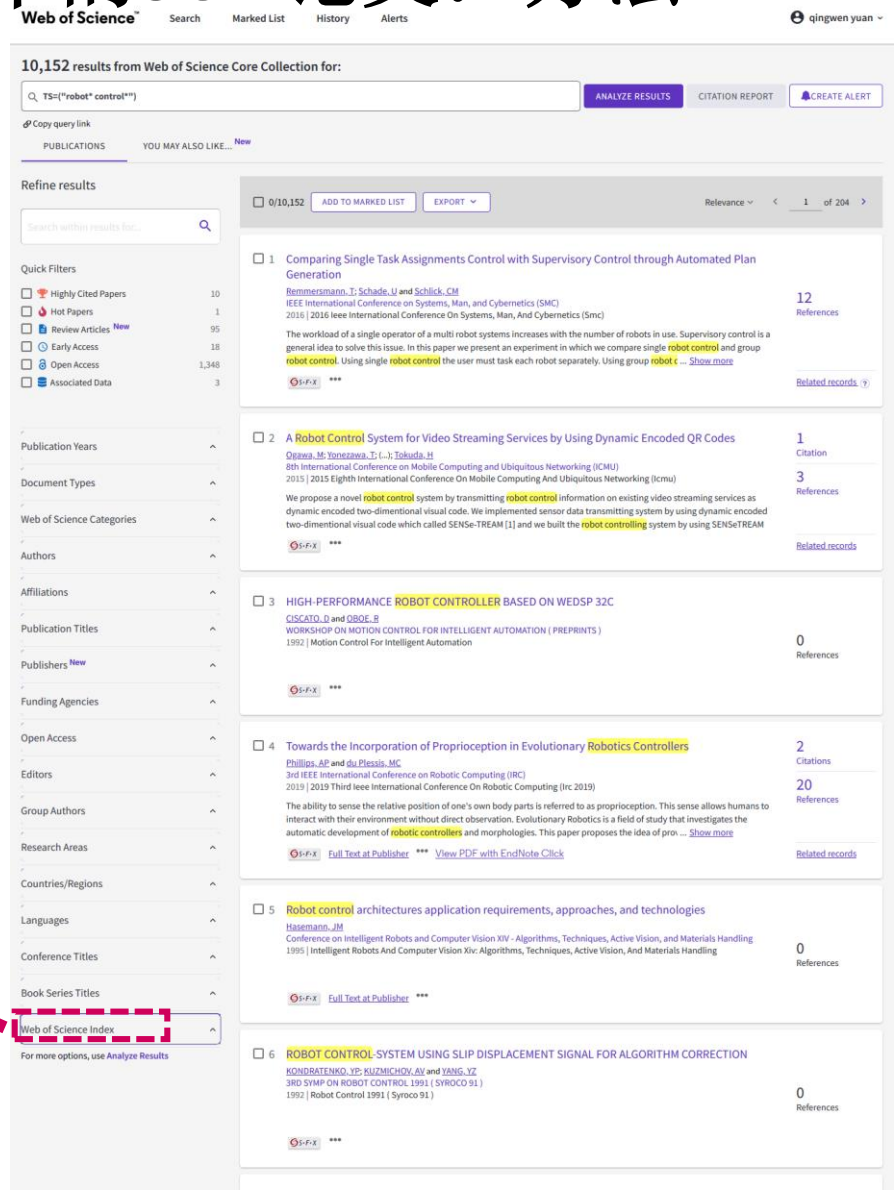
示例：查询机器人控制技术的SCIE论文：方法一



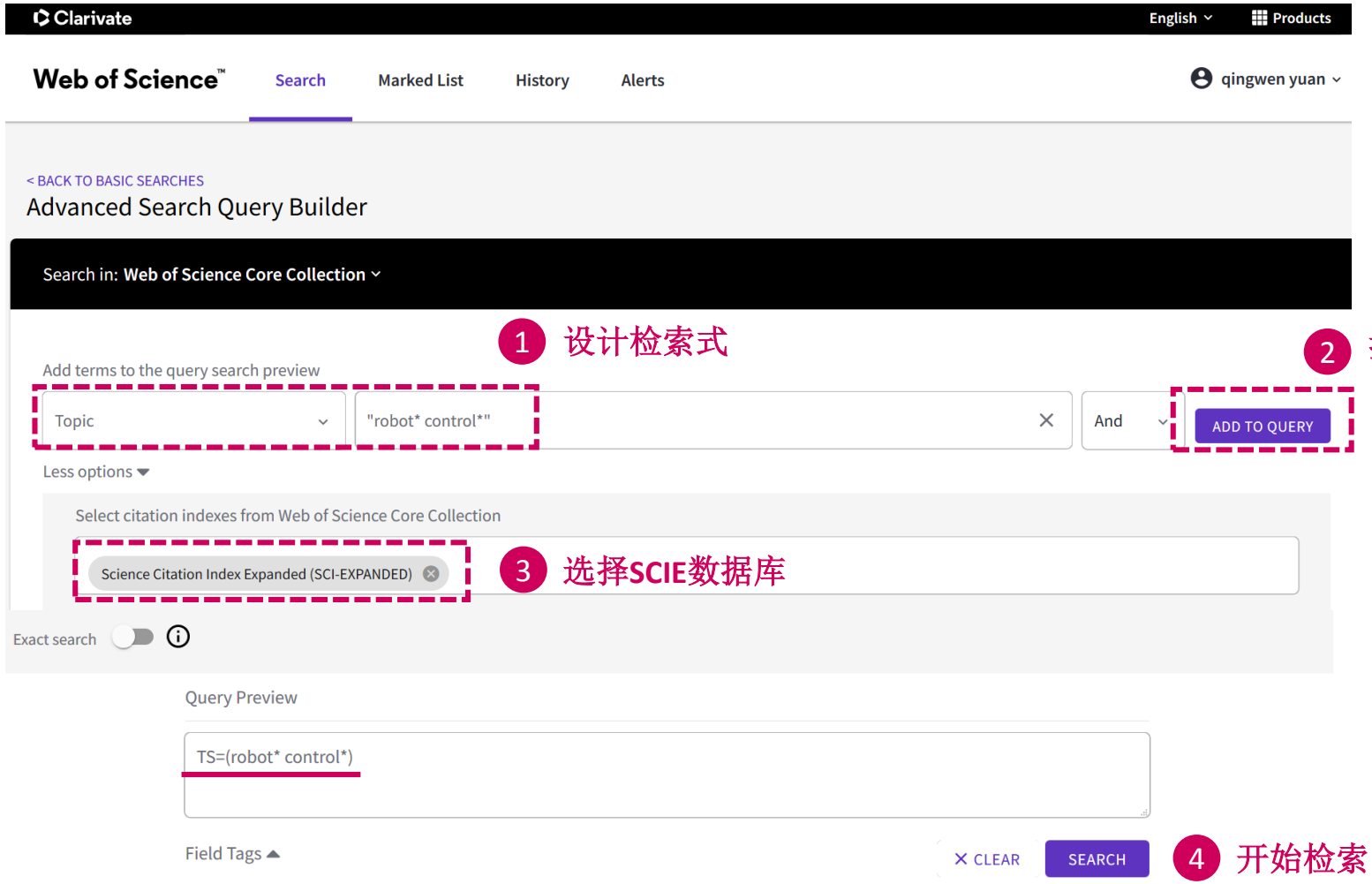
示例：查询机器人控制技术的SCIE论文：方法一

精炼Web of Science Index 结果，限定检索





示例：查询机器人控制技术的SCIE论文：方法二



2 把检索式添加至检索式预览框review

示例：查询机器人控制技术的SCIE论文

Clarivate English Products

Web of Science™ Search Marked List History Alerts qingwen yuan

3,870 results from Science Citation Index Expanded (SCI-EXPANDED):

TS=("robot* control*") 1 ANALYZE RESULTS CITATION REPORT CREATE ALERT

Copy query link 2

PUBLICATIONS YOU MAY ALSO LIKE... New 6

Refine results

Search within results for...

Quick Filters

- Highly Cited Papers 10
- Hot Papers 1
- Review Articles New 76
- Early Access 14
- Open Access 849
- Associated Data 3

Publication Years

- 2021 151
- 2020 356
- 2019 273
- 2018 218

0/3,870 ADD TO MARKED LIST EXPORT 4 Relevance 1 of 78

1 Neural & Bio-inspired Processing and Robot Control

Khan, AH; Li, S; (...); Wang, HQ

Nov 8 2018 | Frontiers In Neurorobotics

Free Full Text from Publisher

5 Citations 6 References Related records

2 A one-stop solut

Ge, SS; Lee, TH; (...); W

Sep 2000 | Ieee Robot

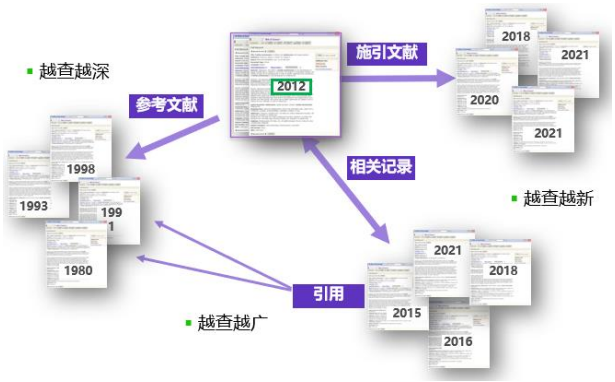
OpenRob: An Open-A

Full Text a

Relevance
Date: newest first
Date: oldest first
Citations: highest first
Citations: lowest first
Usage (all time): most first
Usage (last 180 days): most first
Recently added
Conference title: A to Z
Conference title: Z to A
First author name: A to Z
First author name: Z to A
Publication title: A to Z
Publication title: Z to A

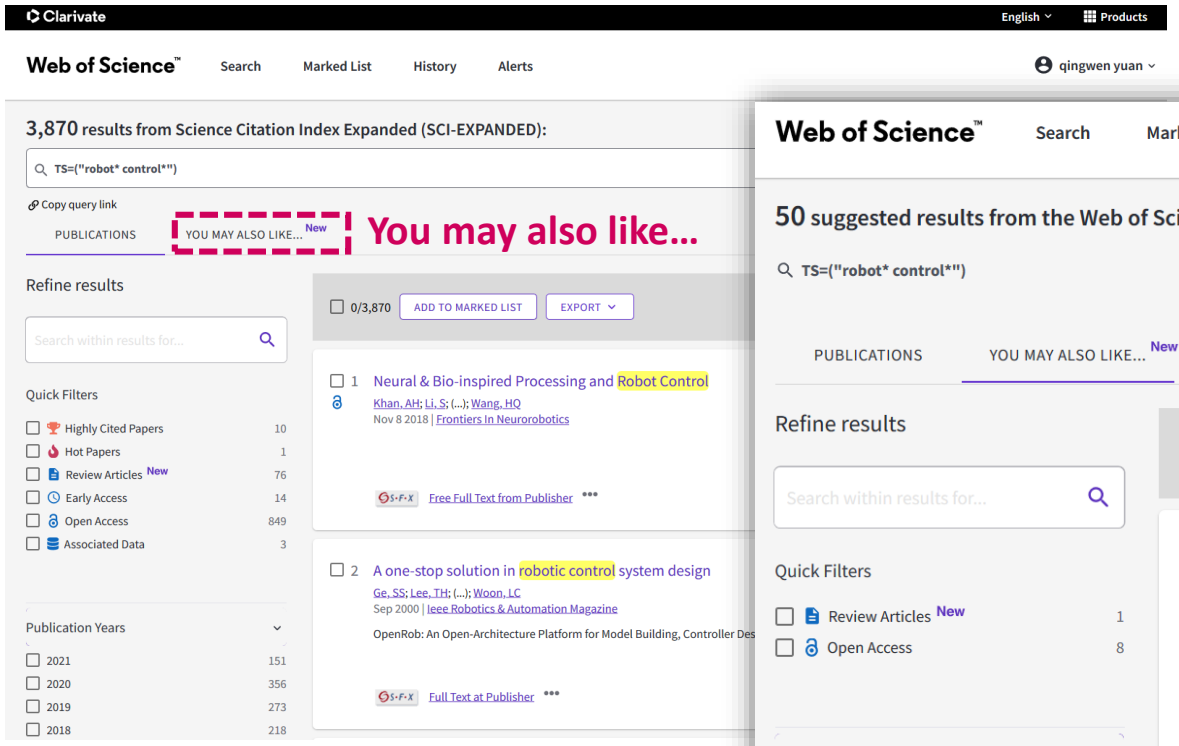
被引频次降序

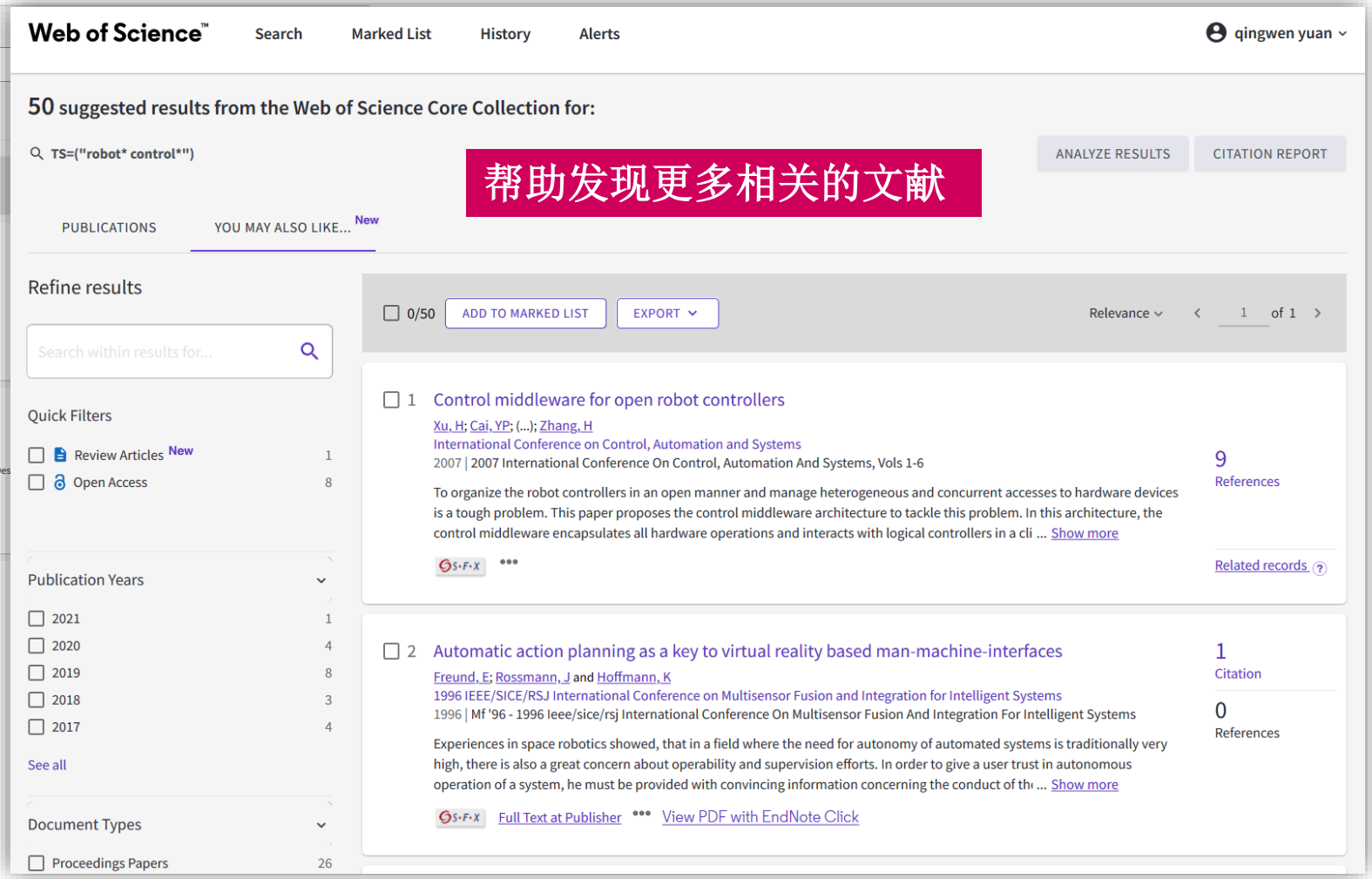
使用次数最近180天



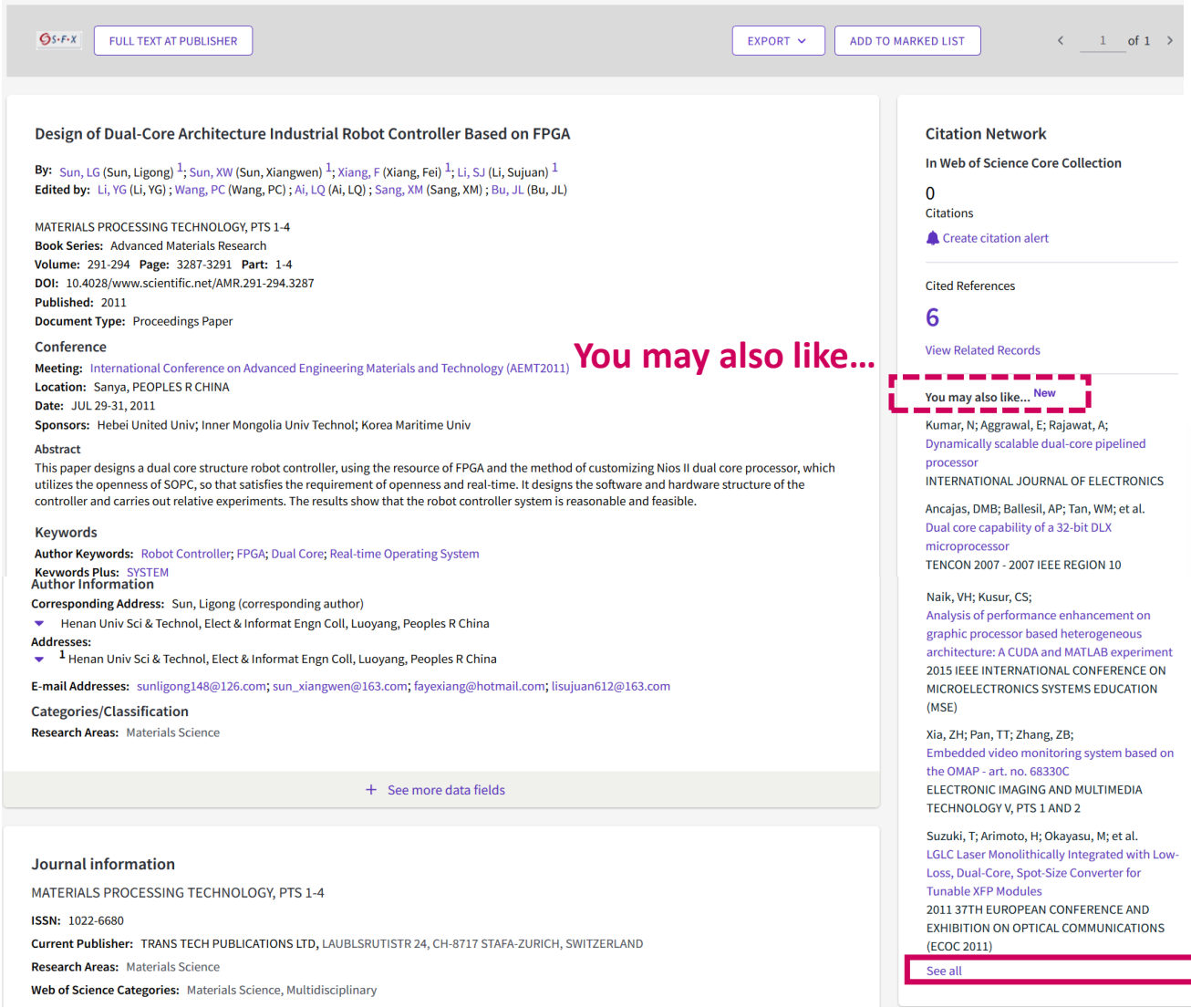
1. 新增检索栏，无需返回主页面可随时进行新的检索
2. 新增Copy query link
3. 新增Early access精炼选项和Review article快捷精炼项
4. 文献排序方式收起到右边
5. 文献列表每一篇文献均可直接利用引文索引3维度分析

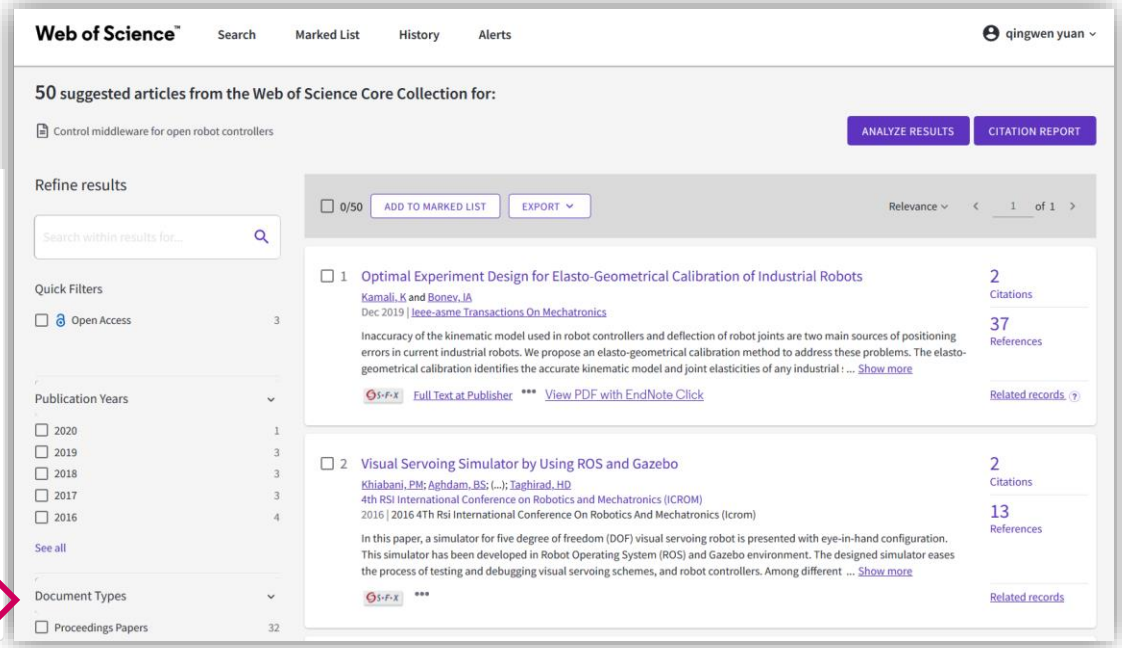
您可能也想要You may also like…





您可能也想要You may also like…





- 数据基础：近一年的用量数据和文章数据（标题，摘要和作者关键词）
- 频率：每天更新
- 推荐：5个（预览页面）至50个最被推荐

检索导航

Web of Science™ Search Marked List History Alerts qingwen yuan

Search > Results > Results > WOS:000332436300016

新增检索导航标签

Full text at publisher | Full Text Links | Export | Add to Marked List | 2 of 3,077

A review of oil, dispersed oil and sediment interactions in the aquatic environment: Influence on the fate, transport and remediation of oil spills

By: Gong, YY (Gong, Yanyan) [1]; Zhao, X (Zhao, Xiao) [1]; Cai, ZQ (Cai, Zhengqing) [1]; O'Reilly, SE (O'Reilly, S. E.) [2]; Hao, XD (Hao, Xiaodi) [1, 3]; Zhao, DY (Zhao, Dongye) [1]

View Web of Science ResearcherID and ORCID (provided by Clarivate)

MARINE POLLUTION BULLETIN
Volume: 79 **Issue:** 1-2 **Page:** 16-33
DOI: 10.1016/j.marpolbul.2013.12.024
Published: FEB 15 2014
Document Type: Review

Abstract
The 2010 Deepwater Horizon oil spill has spurred significant amounts of researches on fate, transport, and environmental impacts of oil and oil dispersants. This review critically summarizes what is understood to date about the interactions between oil, oil dispersants and sediments, their roles in developing oil spill countermeasures, and how these interactions may change in deepwater environments. Effects of controlling parameters, such as sediment particle size and concentration, organic matter content, oil properties, and salinity on oil-sediment interactions are described in detail. Special attention is placed to the application and effects of oil dispersants on the rate and extent of the interactions between oil and sediment or suspended particulate materials. Various analytical methods are discussed for characterization of oil-sediment interactions. Current knowledge gaps are identified and further research needs are proposed to facilitate sounder assessment of fate and impacts of oil spills in the marine environment. (C) 2013 Elsevier Ltd. All rights reserved.

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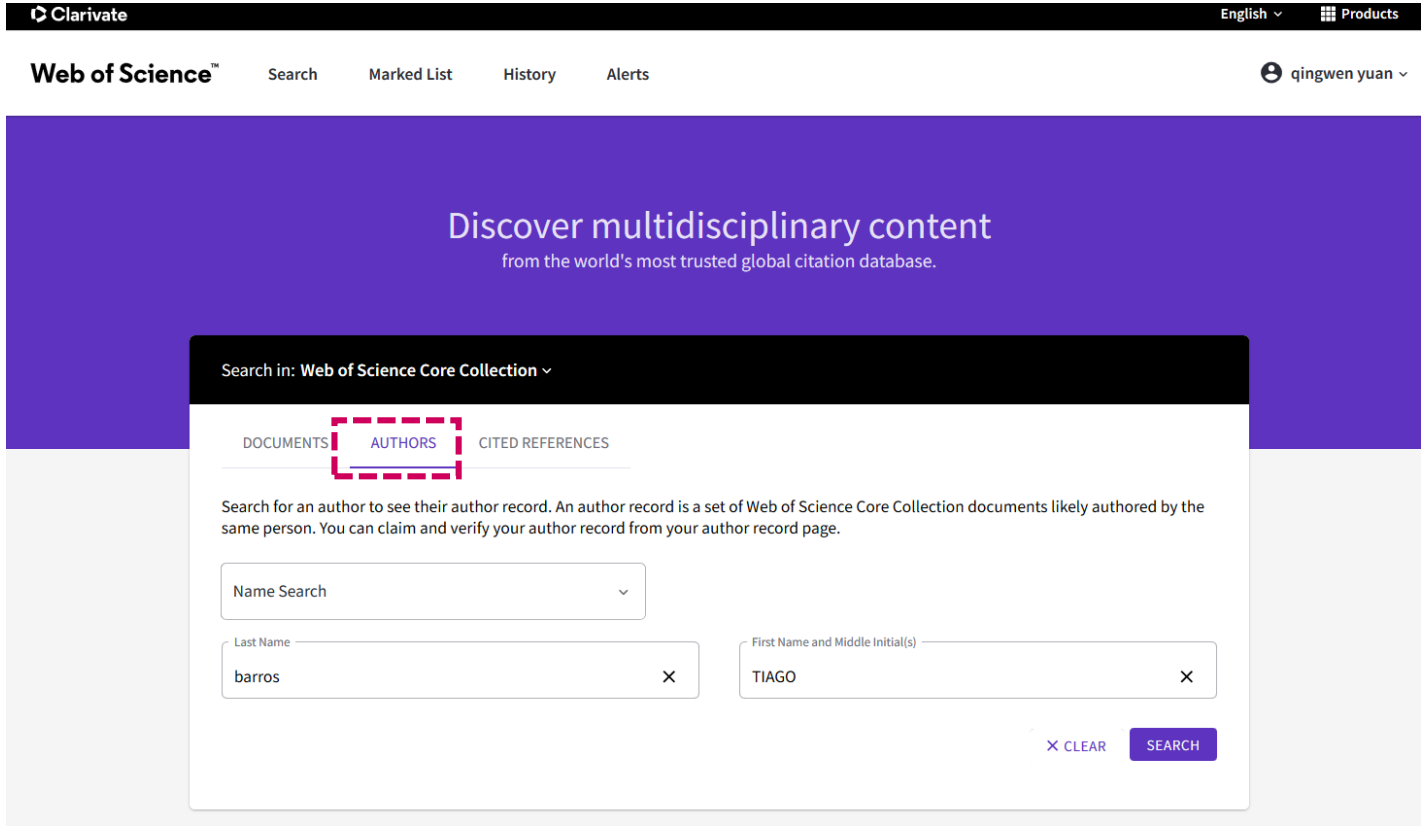


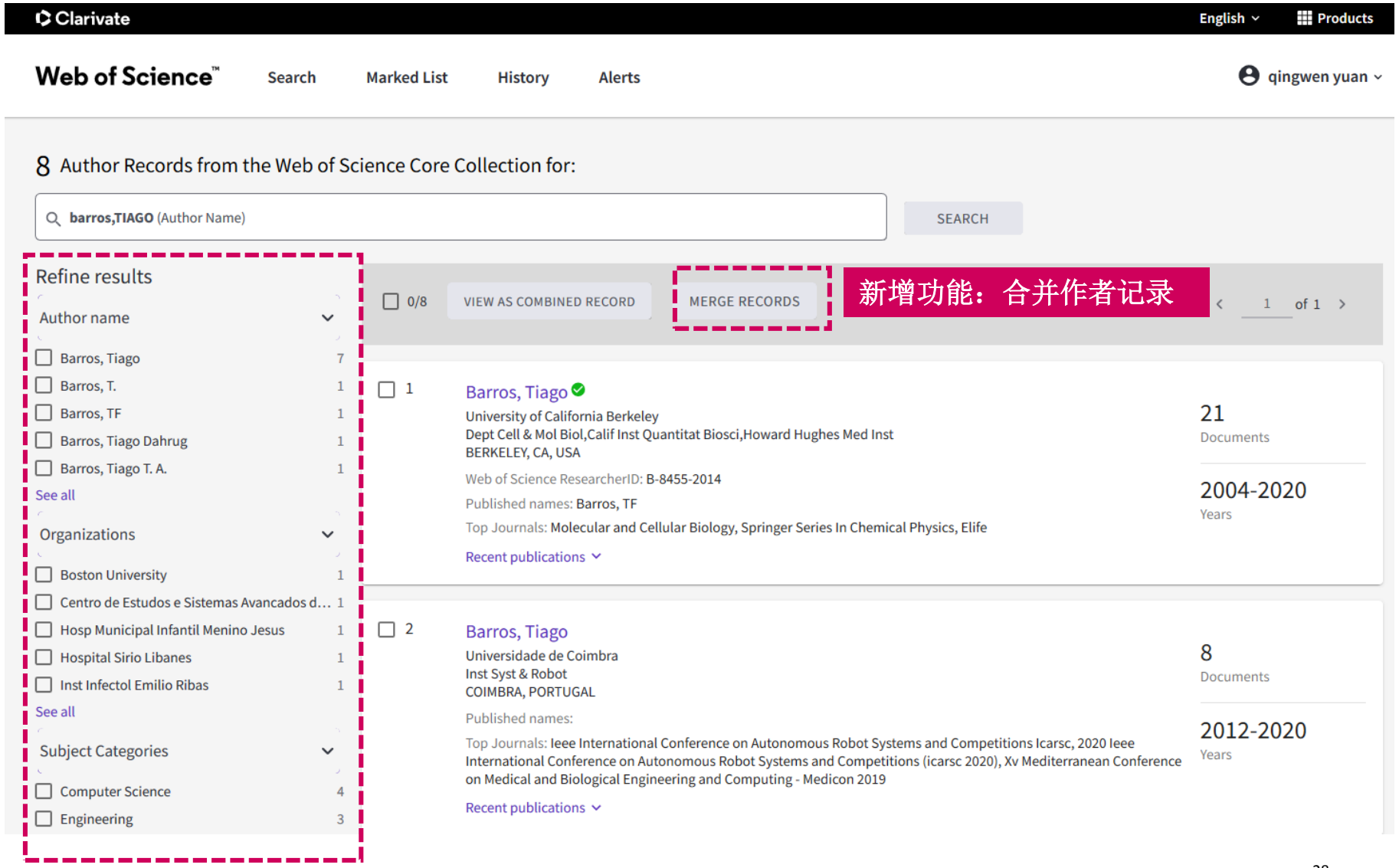
作者检索

- 支持姓名与Authors Identifiers检索
- 支持“偏好姓名”检索（**姓名变体**）
- 当检索结果过多时，不再强制用户填写“国家”与“机构”信息（对比Classic WOS）

作者检索

作者检索结果界面：

- 页面左侧新增精炼选项
- 姓名、机构与研究方向按出现频次降序排列



作者检索/作者记录示例

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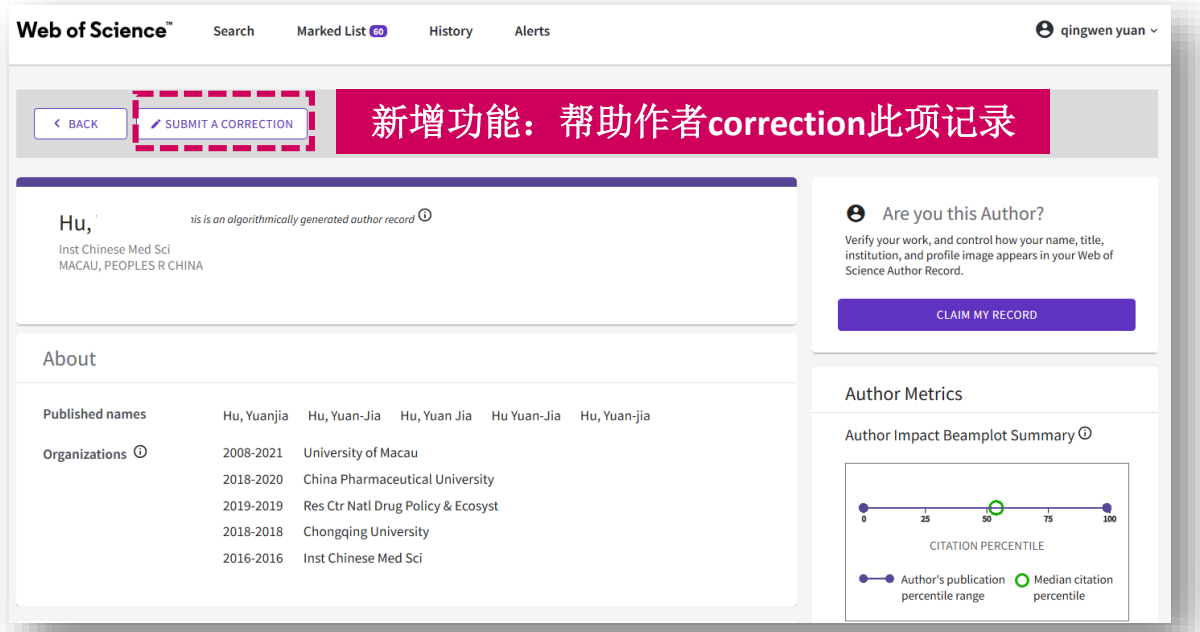

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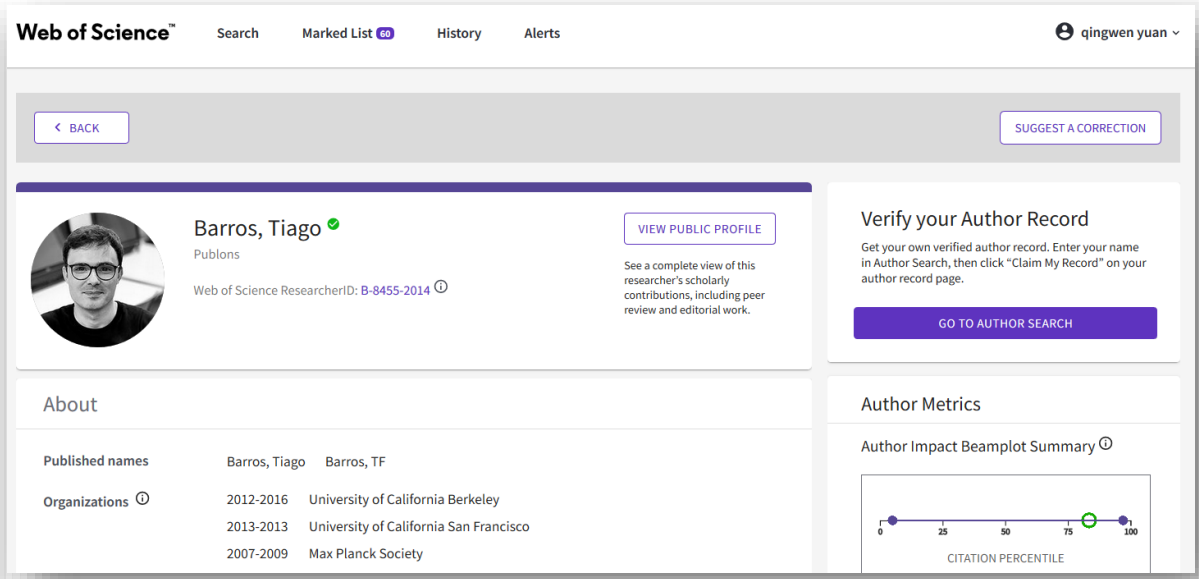
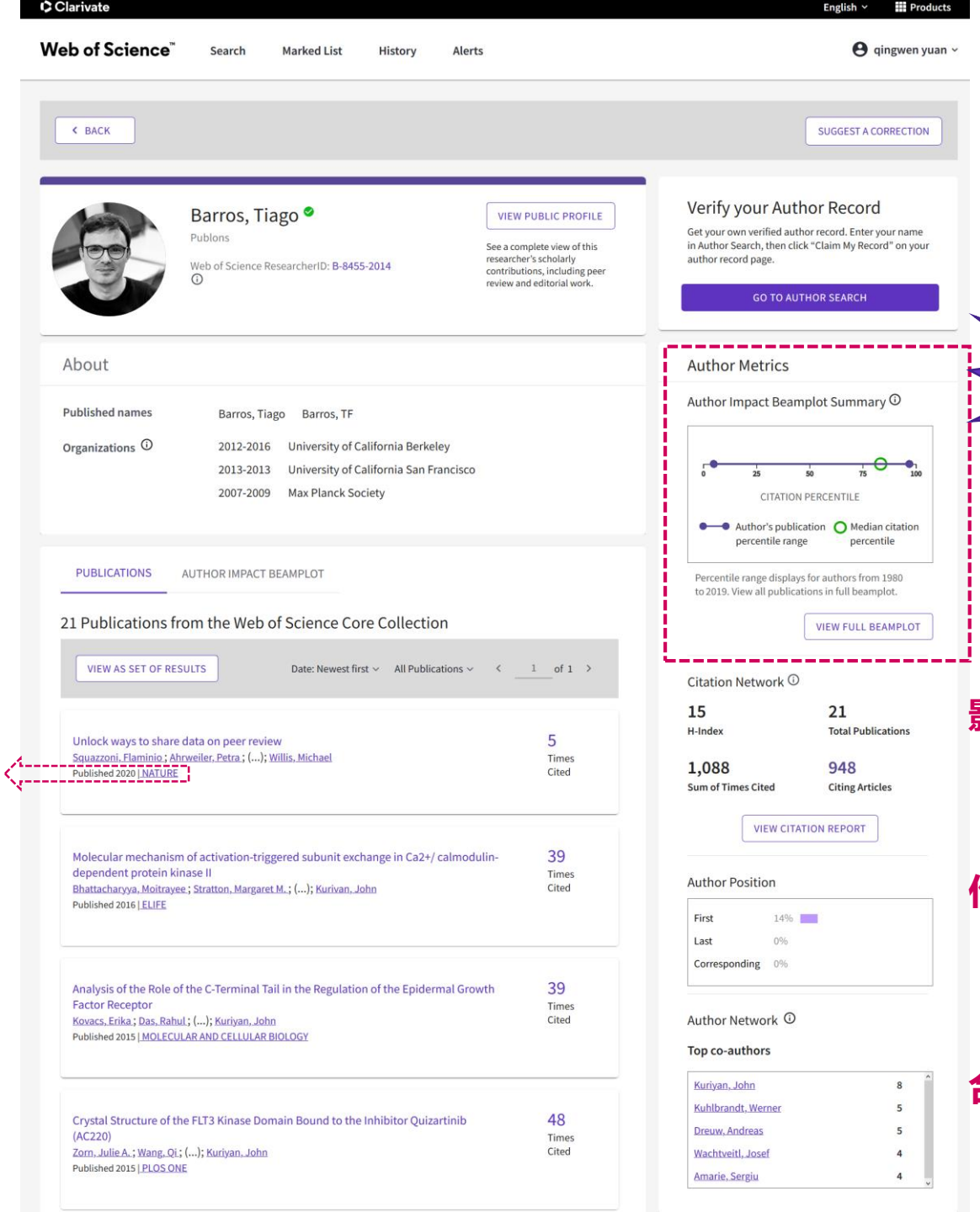


作者检索/作者记录示例



新增功能

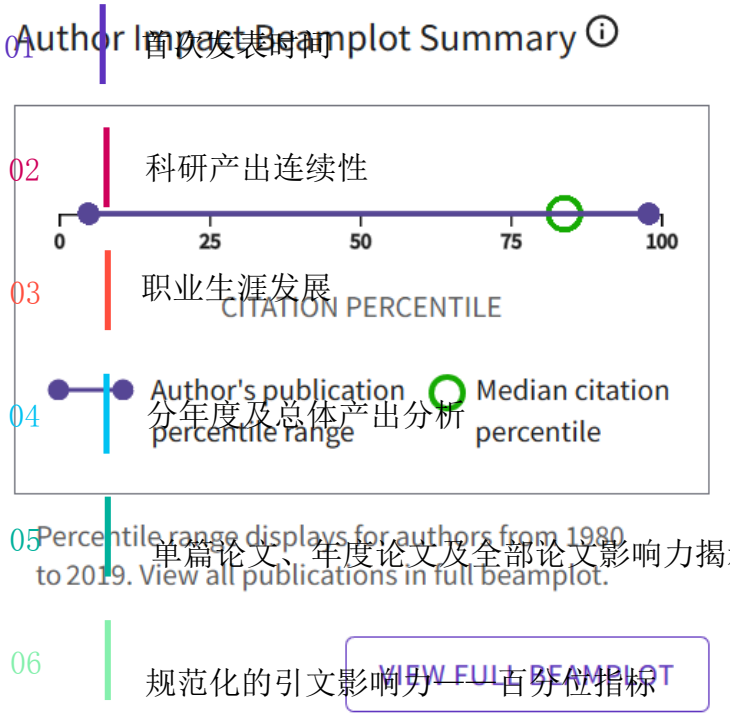
影响力指标

作者位置

合作作者分析

作者记录界面选择期刊标题查看期刊影响力

作者检索/作者记录：Author Record Beamplots 射束图



Beamplots 适用范围：

- 只在New WoS中呈现
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- 最早回溯至1980
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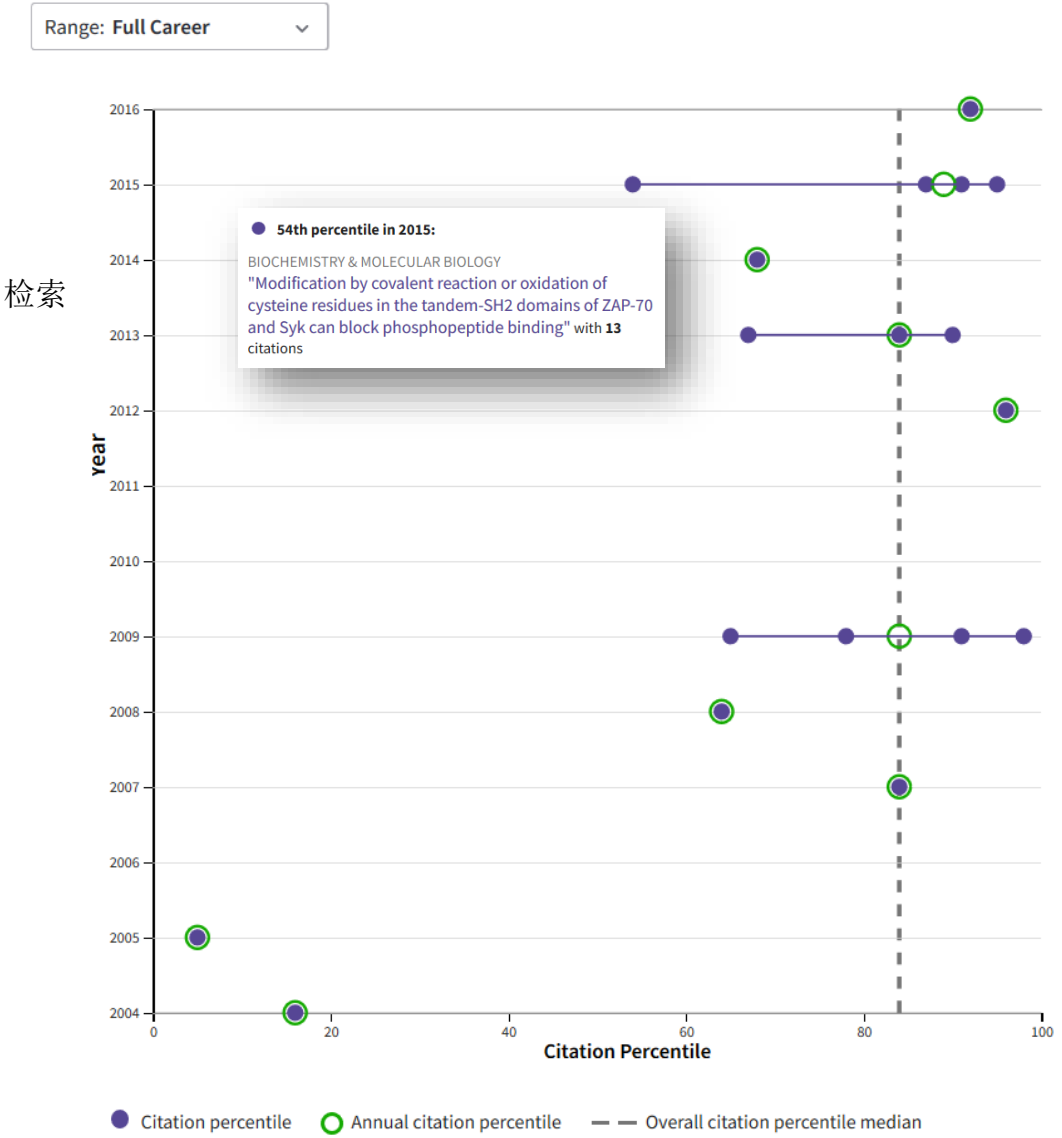

百分位数：每篇论文的被引次数均按与**同学科、同出版年、同文献类型**的平均值进行“规范化”，并将该值转换为百分位数，数值越大影响力越高。比如：百分位数为90，意味着该论文的影响力超过90%的同类型论文。

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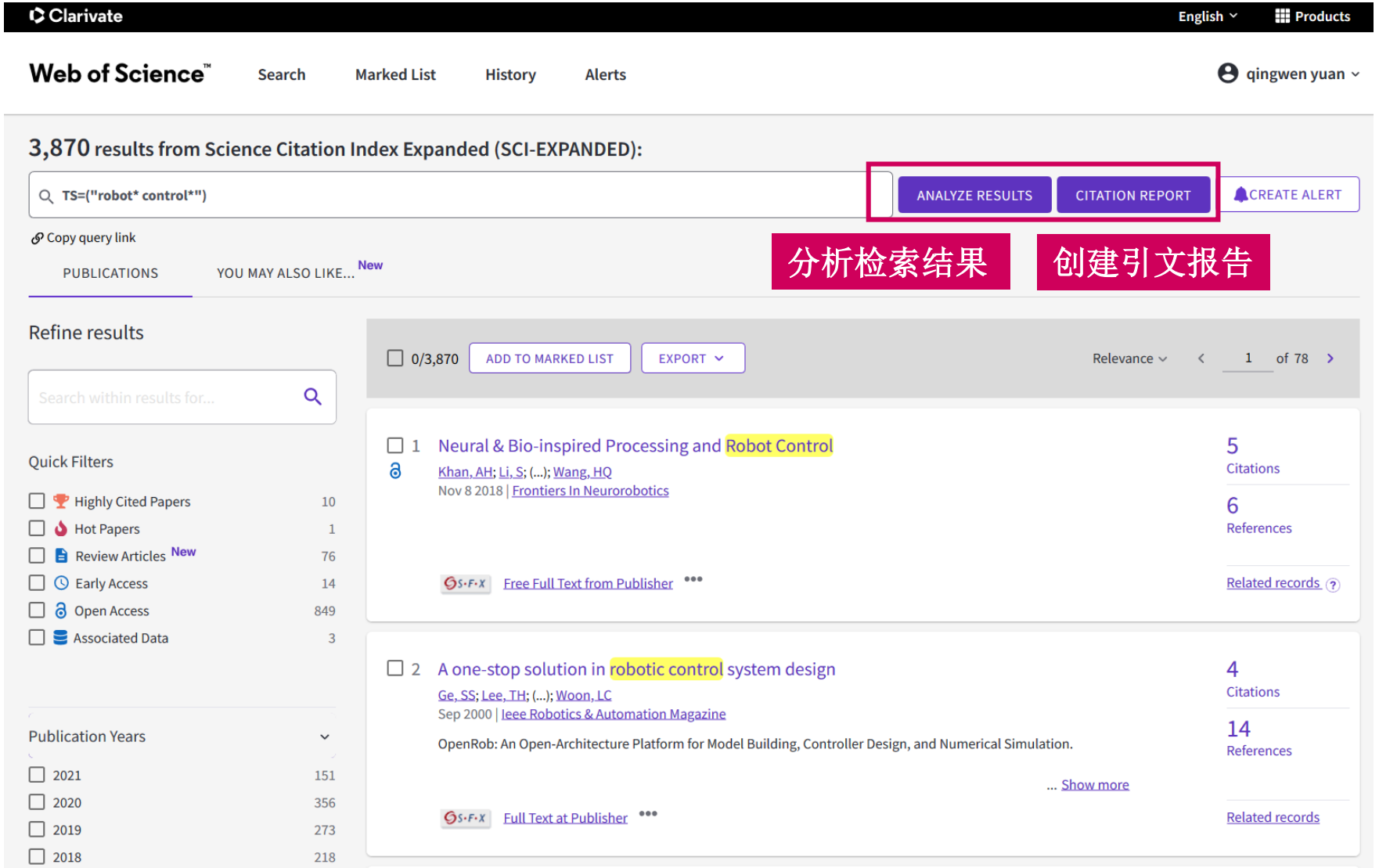
Citation counts are from Web of Science Core Collection; citation percentile data are from InCites.

分析检索结果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OpenRob: An Open-Architecture Platform for Model Building, Controller Design, and Numerical Simulation.
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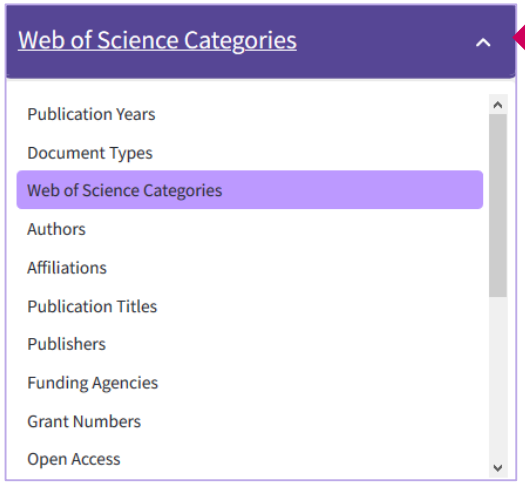
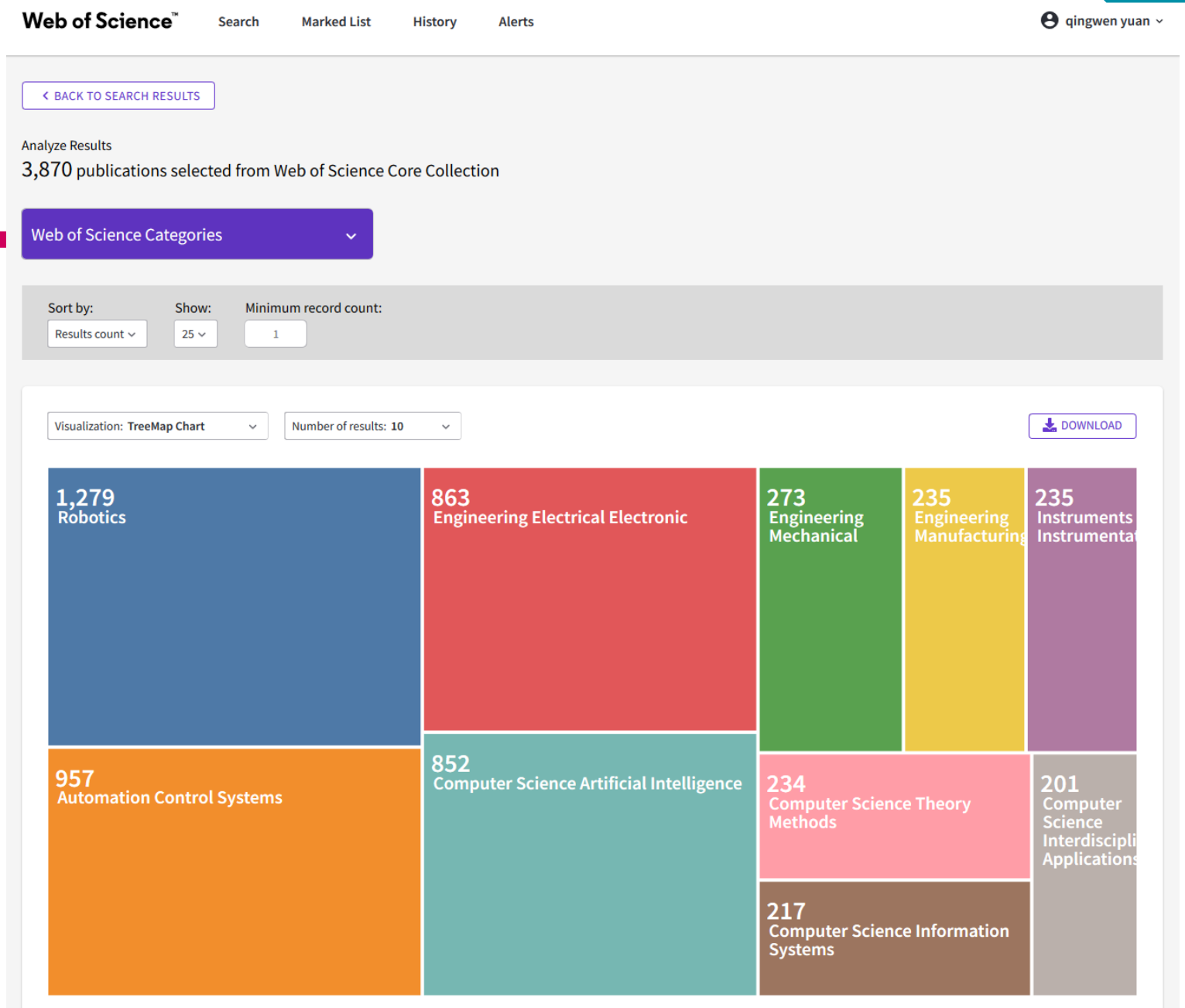




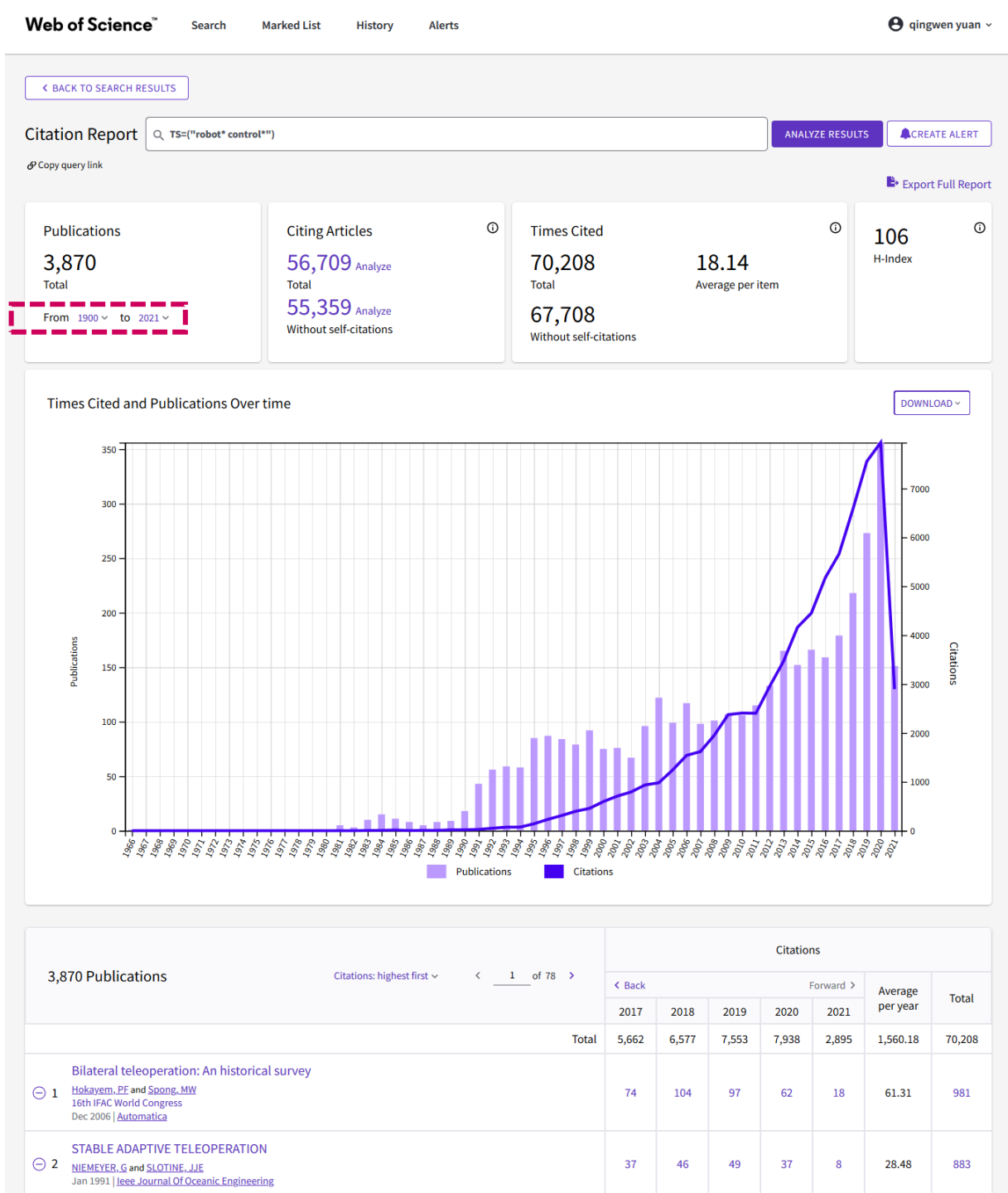
创建引文报告界面

新增：可调整文献发表年时间区间

分析特定年限文献的引文影响力

升级：图谱可综合分析

文献产出趋势及其引文影响力趋势



文献全记录界面-Publons透明同行评议徽章

Publons透明同行评议徽章

- 来自参与“Publons透明同行评议”项目的出版社
- 含评审意见，作者反馈，编委最终意见等

被引参考文献深度分析Citation Context: Enriched Cited References

Article or source: This is the article that matches your research interests.

Recent trends in the U.S. Behavioral and Social Sciences Research (BSSR) workforce

Hyungjo Hur, Maryam A. Andalib, Julie A. Maurer, Joshua D. Hawley, Navid Ghaffarzadegan

Published: February 6, 2017 • https://doi.org/10.1371/journal.pone.0170887

Reference: This is the cited reference that appears in the bibliography.

20. Ginther DK, Schaffer WT, Schnell J, Masimore B, Liu F, Haak LL, et al. Race, ethnicity, and NIH research awards. Science. 2011;333(6045):1015–9. pmid:21852498
View Article • PubMed/NCBI • Google Scholar

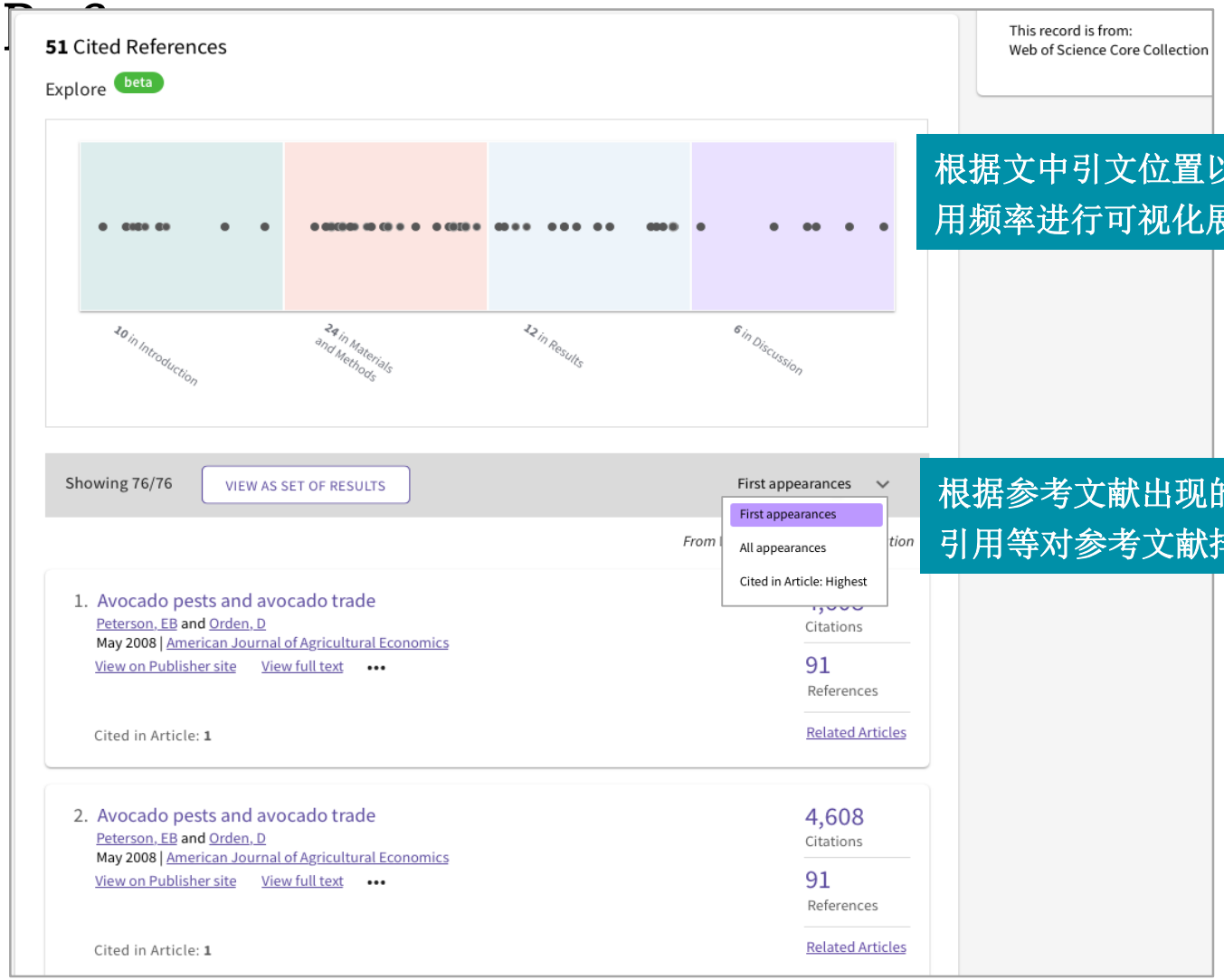
In-text citation, or mention:

This is the occurrence of the citation to a reference within the full text of the article.

Several of these studies point to concerns about the supply and demographic composition (gender or racial/ethnic imbalances) of the workforce in the engineering or biomedical sciences [13, 14, 17–20]. Another common concern is related to the productivity and demographic do not have gender or racial/ethnic parity in the STEM workforce. Minorities are less likely to be promoted up the higher education ladder to full professor positions [30] or receive federal grants [20].

Similar reasons can also be offered for the lack of racial/ethnic parity in STEM fields [34]. Scholars and policy makers have increased their focus on the distribution of funding by different racial/ethnic groups–especially with recent academic work [20]. Ginther et al. [20] found an association between racial/ethnic demographics of NIH grant applicants and their chances of getting a proposal funded. Specifically, Ginther et al. [20] found that, controlling for various institutional factors, Asians are 4 percentage points and African-Americans are 13 percentage points less likely to be funded than whites. Ginther et al. [20] also found positive effects of prior NIH awards and journal citations on receiving NIH grants, which suggests a reinforcing loop of success for the already successful and a deteriorating trend regarding future chances for success of minorities [35]. As a result, NIH decided to assess carefully grant reviewers' implicit bias against minorities [36].

被引参考文献深度分析Citation Context: Enriched Cited



根据文中引文位置以及引用频率进行可视化展示

根据参考文献出现的位置、引用等对参考文献排序

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- 符合IMRAD 结构的Article
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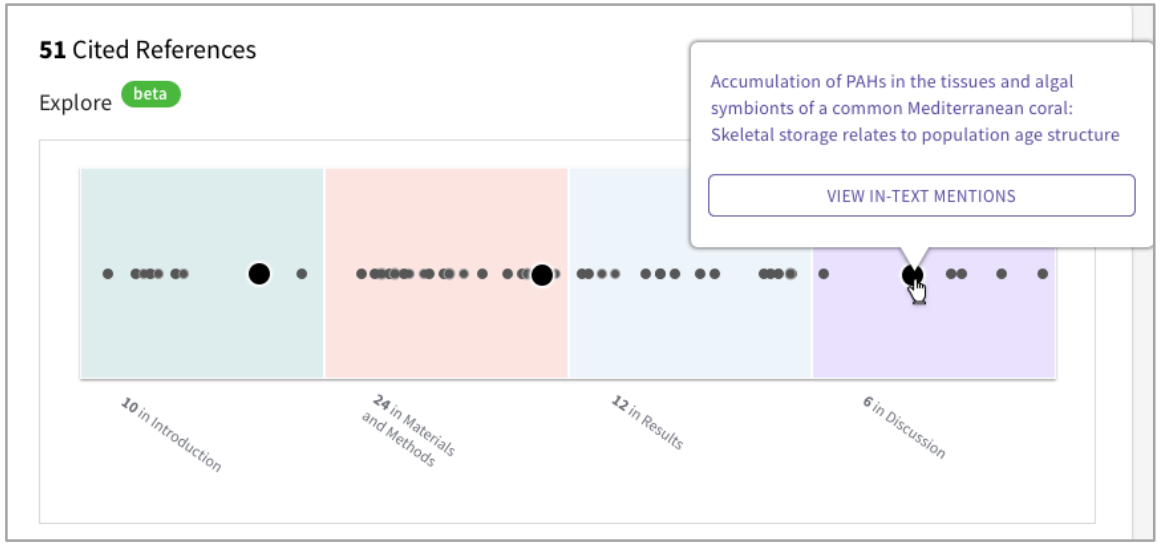
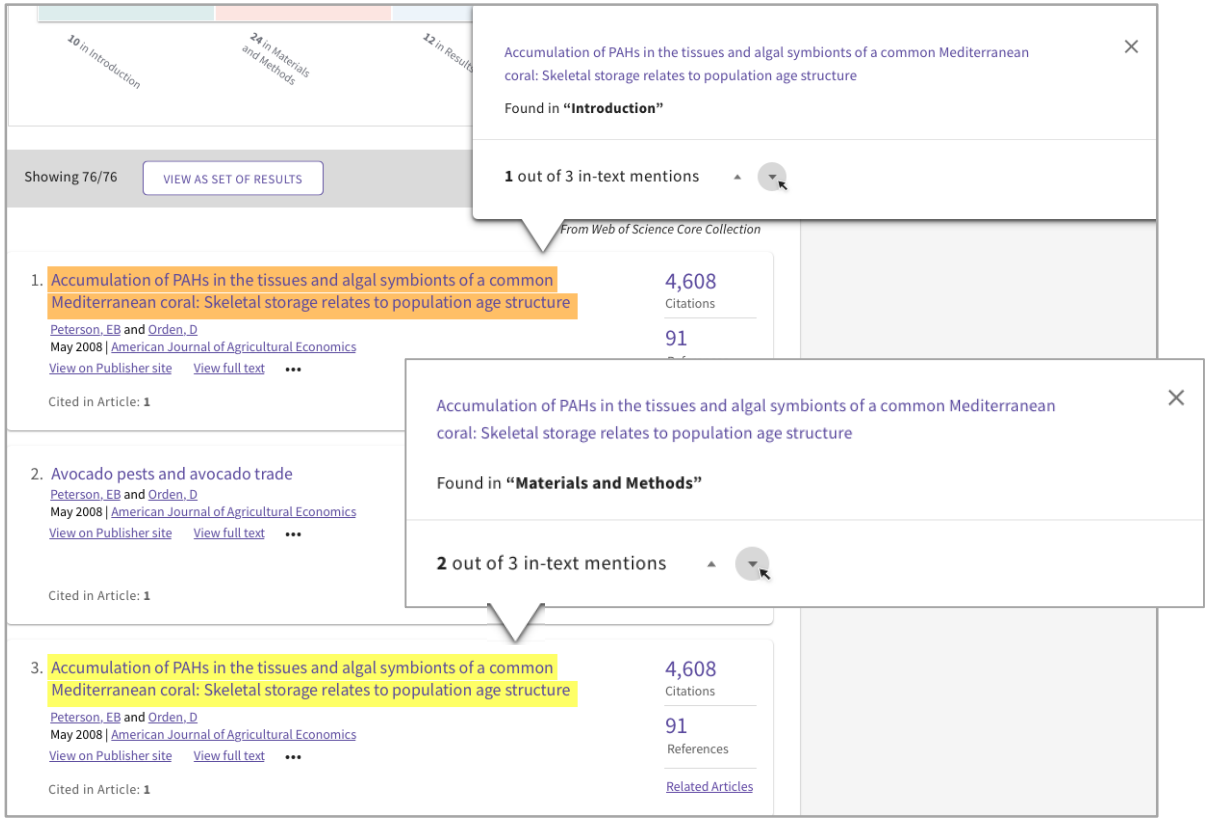
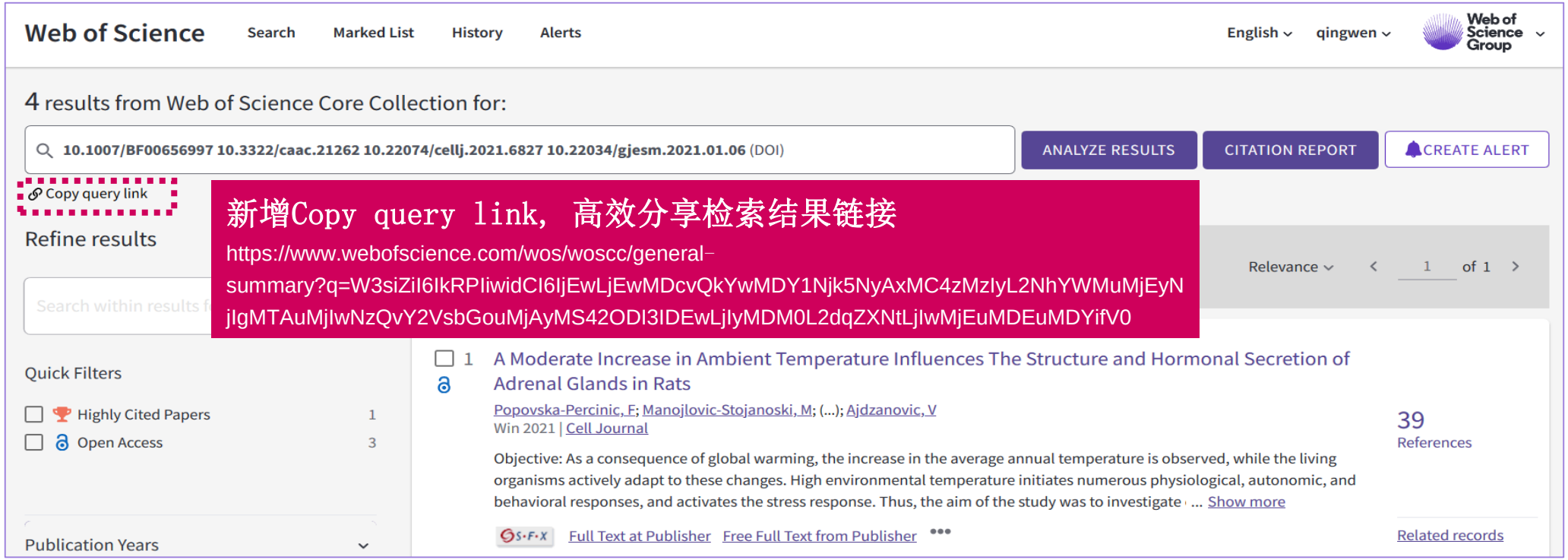


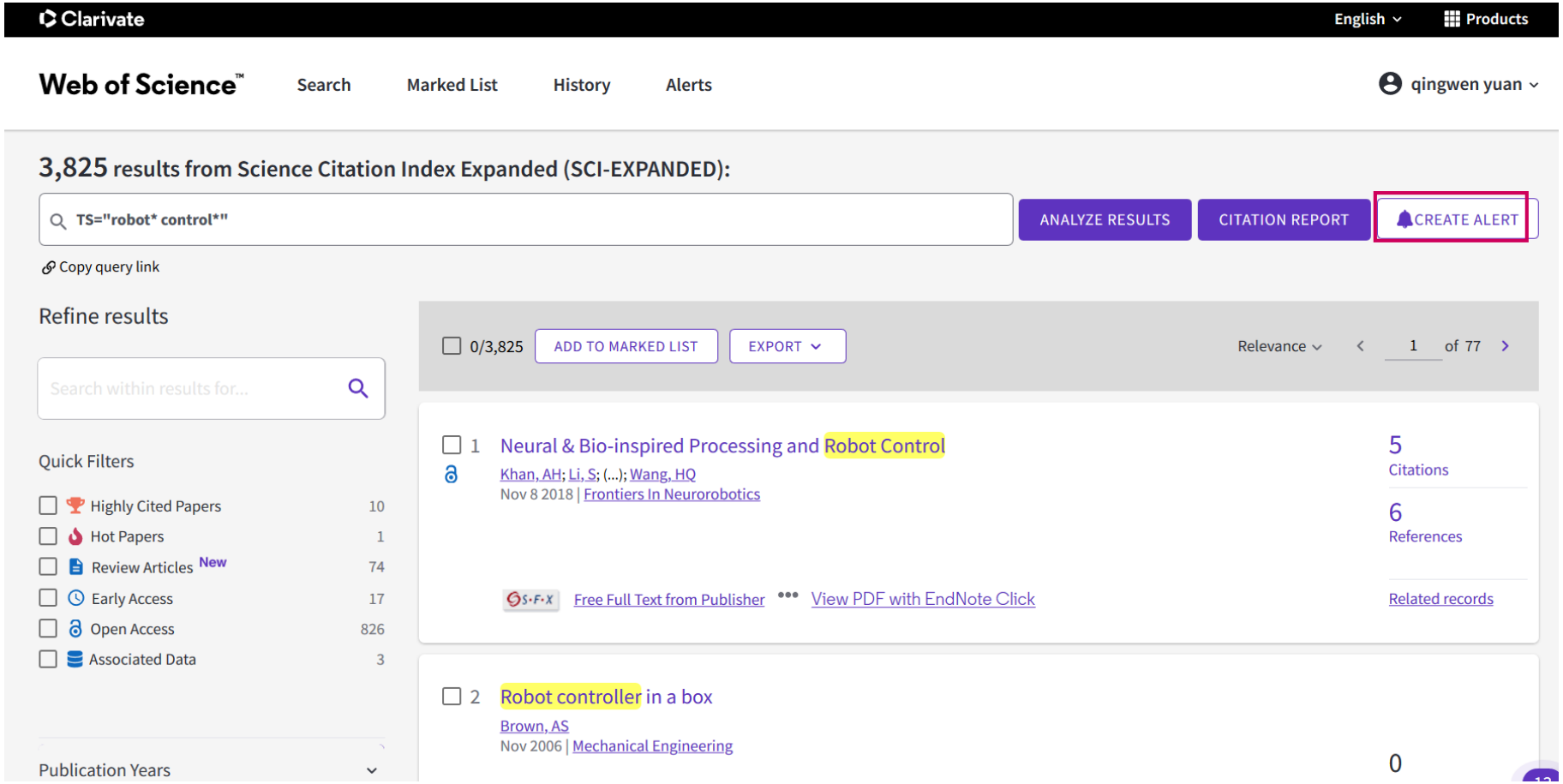


- 定位引用参考文献的章节，了解引用目的
- 发现对该篇文献影响较大的参考文献
- 发现相关文献，相似论文以及共同被引用的论文

管理-与团队共享检索结果



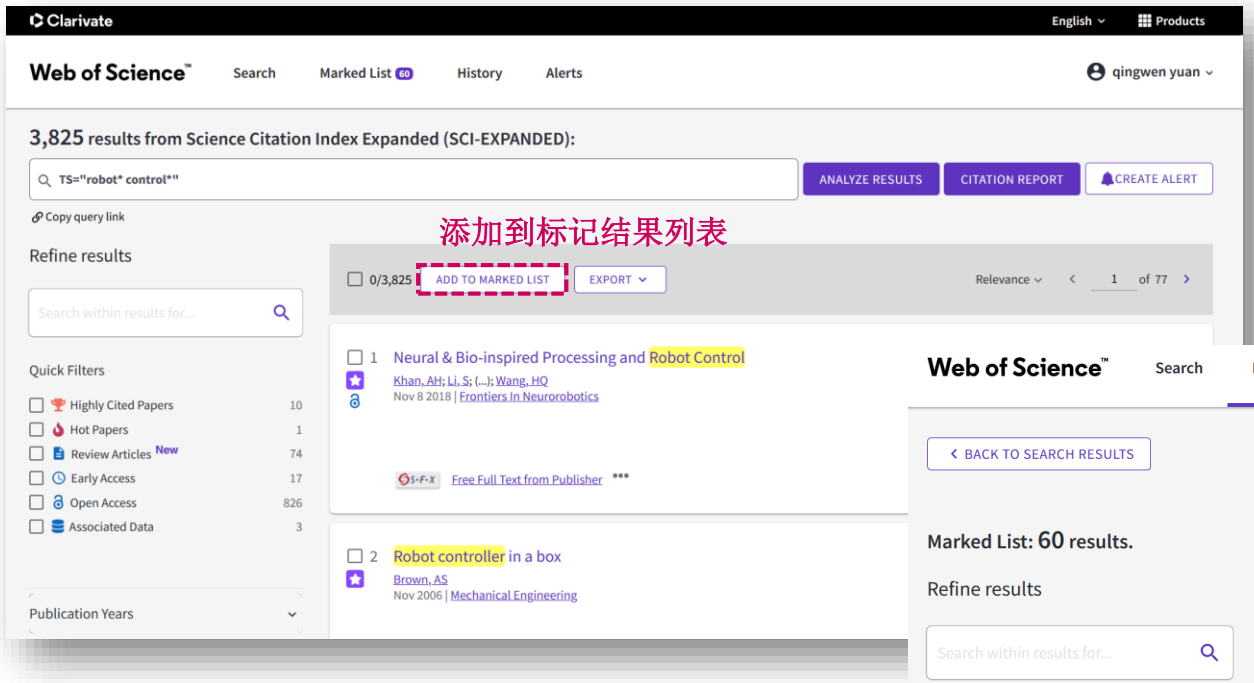
管理-创建跟踪：定题跟踪

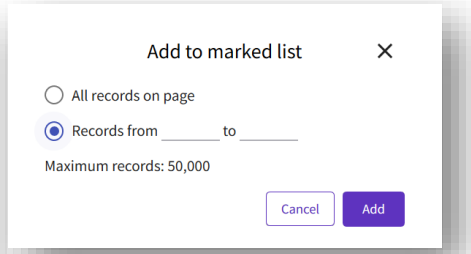


创建定题跟踪

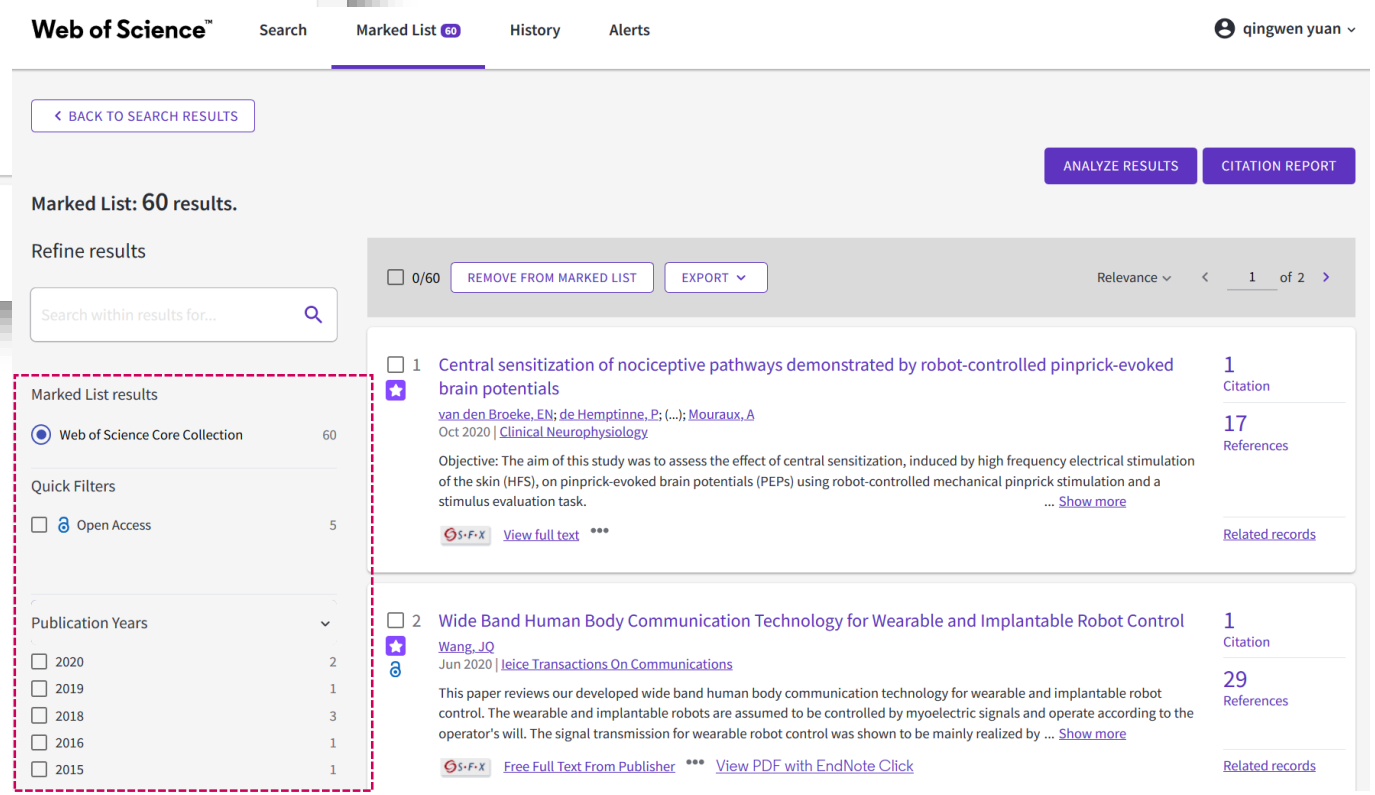
实时跟踪某课题、某作者、某机构等的最新研究进展

管理-标记结果列表





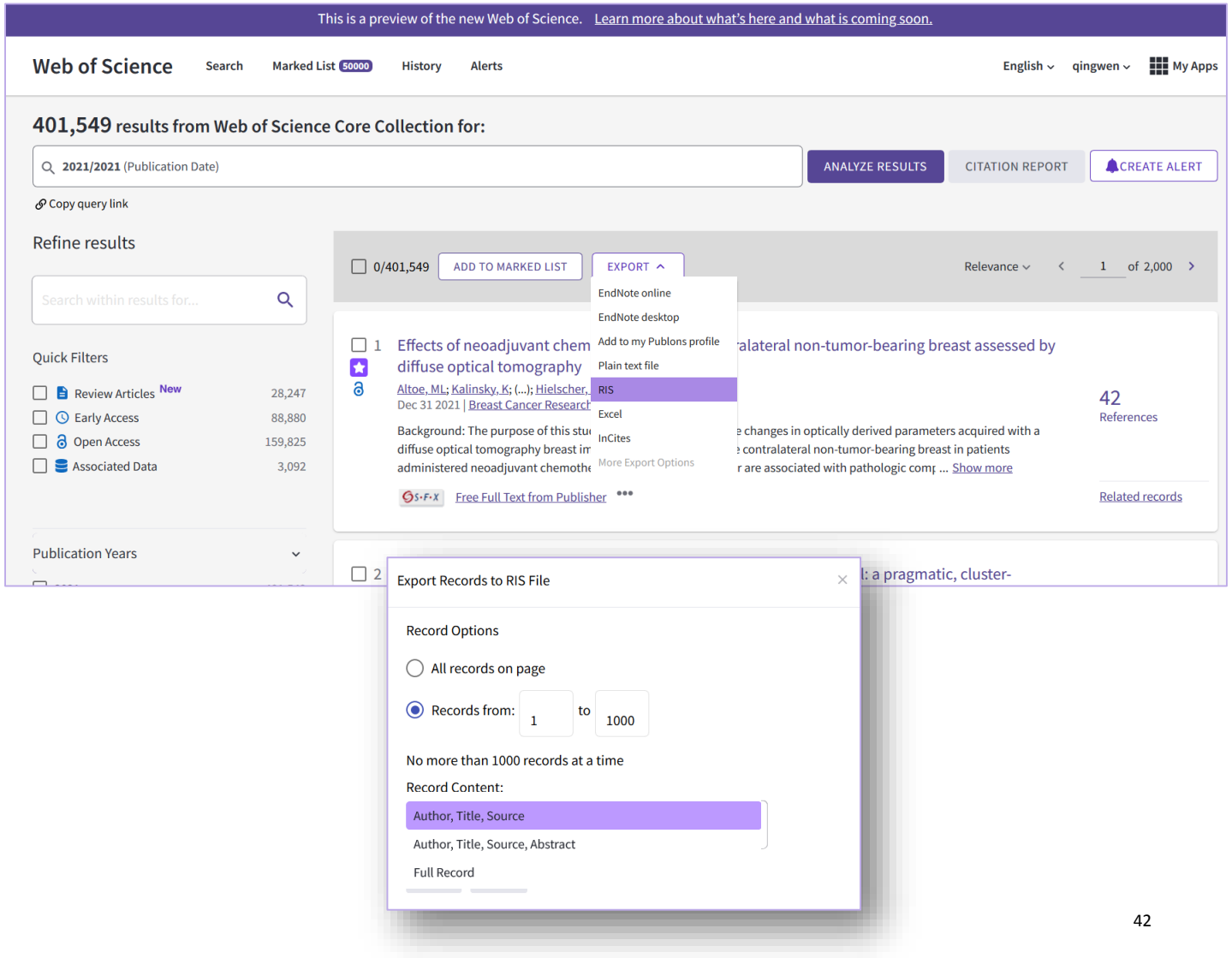
选择标记文献范围，一次最多可批量标记 **50000** 篇文献



新增：页面左侧新增精炼选项，协助用户快速分析及锁定所需结果

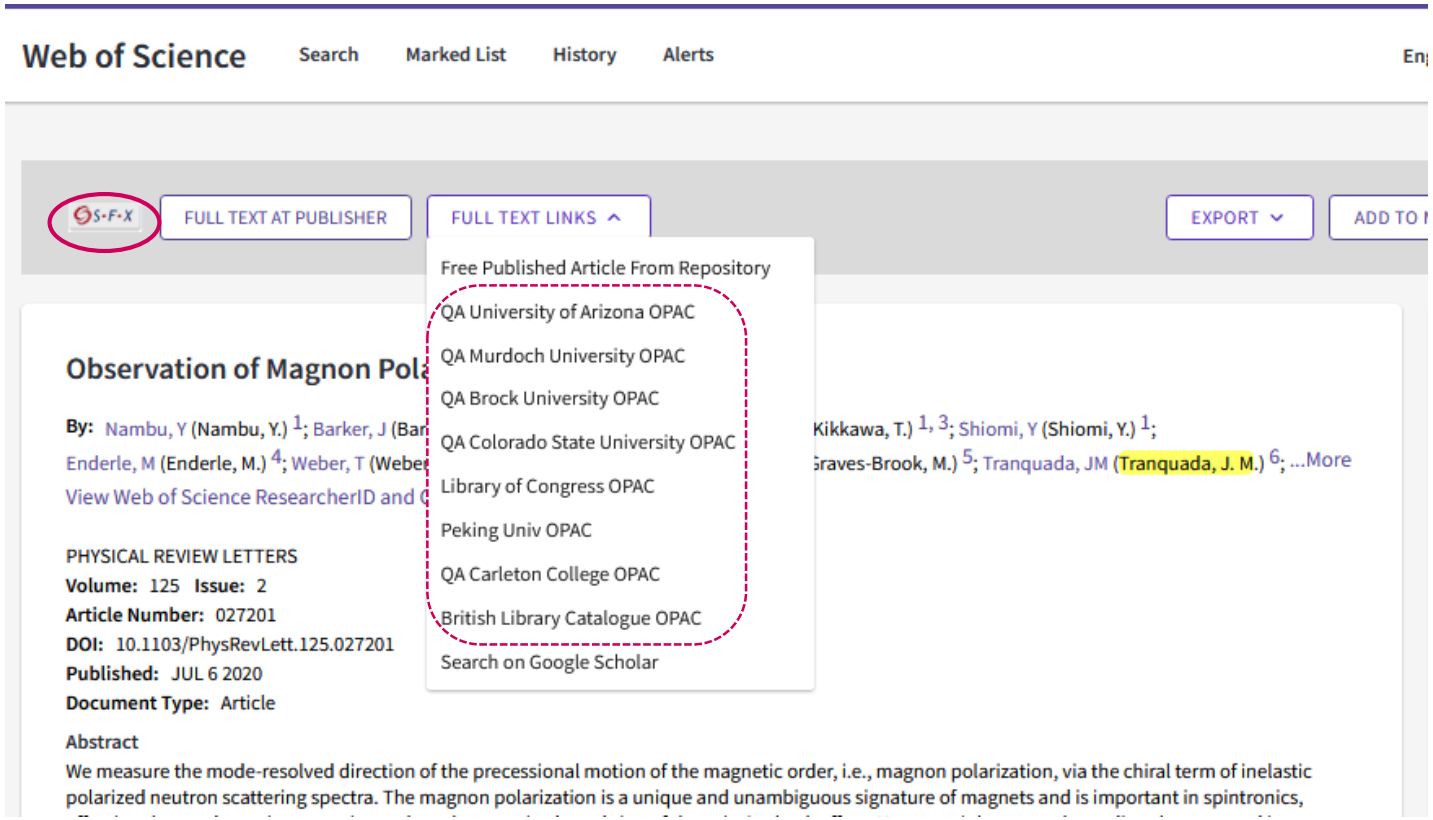
导出文献功能更新

- ✓ 已迁移的导出功能：EndNote online、EndNote desktop、plain text file、Excel、Publons、InCites
- ✓ 新增导出格式RIS
  与EndNote，Mendeley，Zotero，Papers，RefWorks等参考文献管理器兼容
- ✓ 新增：一次最多可批量导出 **1000** 条文献记录

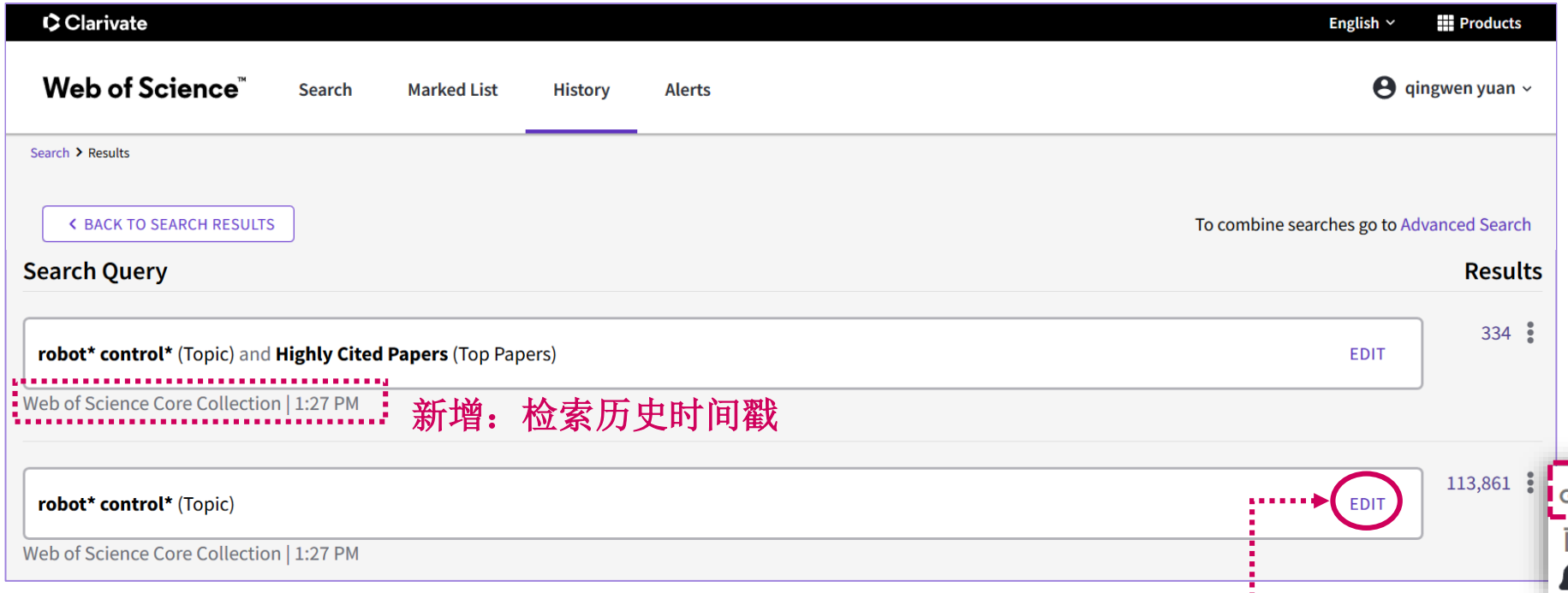


Full Text Links全文选项

- S•F•X 通过设置open URL链接到机构已订购的电子资源
- 启用联机公共检索目录（OPAC），通过期刊ISSN识别可获取全文的来源



管理-管理检索历史



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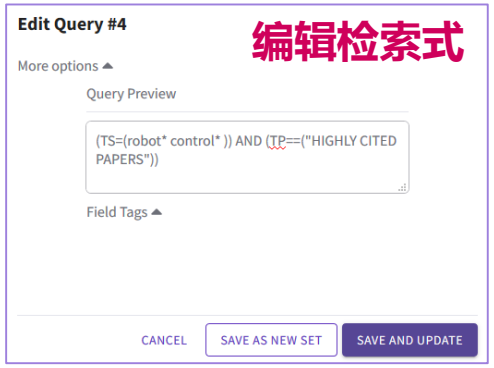

New Web of Science升级更新速览

更新时间：截止到2021年5月27日

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- Web of Science Core Collection
- BIOSIS Citation Index
- Biological Abstracts
- BIOSIS Previews
- Zoological Records
- Chinese Science Citation Database
- CABI: CAB Abstracts and Global Health
- Medline
- All Databases
- KCI-Korean Journal Database
- Russian Science Citation Index
- SciELO Citation Index
- Inspec
- Data Citation Index
- Arabic Citation Index
- FSTA
- 更多数据库持续迁移中…

已迁移功能

- 基本检索
- 高级检索
- 作者检索/作者记录
- 分析检索结果
- 创建引文报告及导出
- 文献导出格式EndNote、plain text file、Excel、导出至InCites及Publons等
- Publons同行评议徽章
- 创建跟踪，引文跟踪
- 全文选项
- Web of Science学科、 WoScc作者姓名检索支持输入联想
- 简体中文、繁体中文、日语、俄语、葡萄牙语、西班牙语操作界面

- 其他功能持续迁移中…

改进功能

- 被引参考文献检索支持全库检索
- 新增publisher检索字段
- 新增导出 RIS格式
- 文献最多可一次性导出1000篇记录
- 新增作者影响力射束图
- 新增作者记录correction功能，合并作者记录功能
- 改进检索历史
- 标记结果列表新增精炼选项
- 资源中心Pendo
- 引文报告：精炼分析文献的出版年
- 可分享的检索链接
- 高级检索新增“Exact search”
- 新增Early Access、Review articles精炼选项
- 检索字段升级：Affiliation,DOI, Accession number, PubMed ID
- 您可也想要…文献推荐
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- 基金数据及字段
- Library custom branding
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双平台权限时间节点

- 2020年11月30日，现有WoS用户全部开通
- 2021确保全部用户可双平台访问
- 2021年第三季度，全部用户直接访问New WoS，并可返回Classic WoS
- 2021年底前，逐步关闭Classic WoS

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谢谢！