CSIndex

计算机科学核心文献数据库

CSIndex简介

CSIndex 计算机科学核心文献数据库是在双一流建设指引下、率先建设的具有中国特色收录标准与评价体系的世界一流学科核心文献资源库。

CSIndex 数据库为计算机科学、软件工程、人工智能等相关学科的师生提供核心文献数据一站式检索和全文链接解析、参考文献、 引文数据、会议收录分析、期刊收录分析、学科竞争力分析等服务。

数据库基于 **CCF** 中国计算机学会推荐目录收录的 **ABC** 类目下 **339** 种会议来源以及 **263** 种核心期刊来源，累计收录核心文献论文 126 万篇。其中会议论文数据收录年限 **1960-2019** 年，期刊论文数据收录年限 **1929-2019** 年，文献数据每周自动更新。

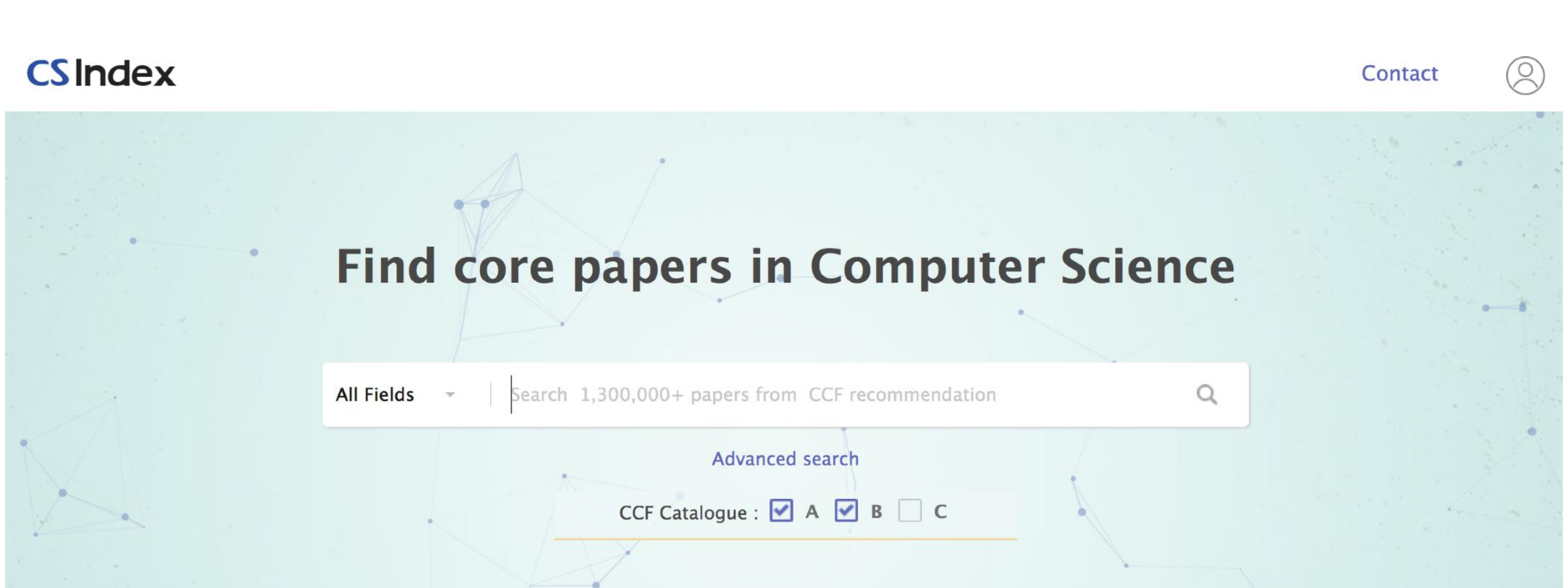
Power Data

CSIndex简介

数据库基于机器学习、语义检索、自动标引、知识图谱、主题模型、可视化、链接解析、开放获取全文等技术，为用户提供更好的计算机学科核心文献检索服务。

数据库为中国高校提供计算机、软件工程，人工智能等一流学科排名和学科竞争力分析数据服务，为学院管理者提供学科发展参考数据和决策支持。

访问网址：http://csindex.casdc.com



CSIndex简介

产品功能点：

1. 计算机专业方向下文献保障　　领域内知识发现、查询、浏览

2. 研究前沿，关注学者、机构研究方向　　动态学术信息、学者机构最新发文

3. 本机构定位以及研究机构的论文竞争力分析　　例如对比南大和上交大

4. 本校教师贡献度分析　　评定职称、申报项目等参考

CSIndex简介

数据库收录内容：（截止 2019 年 8 月）

CCF 目录	会议/期刊数量	文献数量
A 类会议	53	159686
A 类期刊	32	100326
B 类会议	124	233428
B 类期刊	111	283663
C 类会议	169	274710
C 类期刊	123	208879

核心优势

CSIndex使用案例

通过研究领域发现信息

1. 发现研究领域的一流文献，搜索machine learning

CS Index

All Fields | machine learning | Advanced search | Contact

About 142,395 results | More Filters | Sort by Newest first | Relevance

Patch-based self-adaptive matting for high-resolution image and video

Cao, Guangying;Li, Jianwei;Chen, Xiaowu;He, Zhiqiang; • VISUAL COMPUTER • 2019

We propose an efficient patch-based self-adaptive matting approach to reduce memory consumption in processing high-resolution image and video. Most existing image matting techniques employ a global optimization over the whole set of image pixels, incurring a prohibitively high memory consumption, es... More+

Fulltext Link | Save

GCAC: galaxy workflow system for predictive model building for virtual screening

Bharti, Deepak R.;Hemrom, Anmol J.;Lynn, Andrew M.; • BMC BIOINFORMATICS • 2019

BackgroundTraditional drug discovery approaches are time-consuming, tedious and expensive. Identifying a potential drug-like molecule using high throughput screening (HTS) with high confidence is always a challenging task in drug discovery and cheminformatics. A small percentage of molecules that pa... More+

Fulltext Link | Save

Publication count per year

Machine learning

Watch Analysis

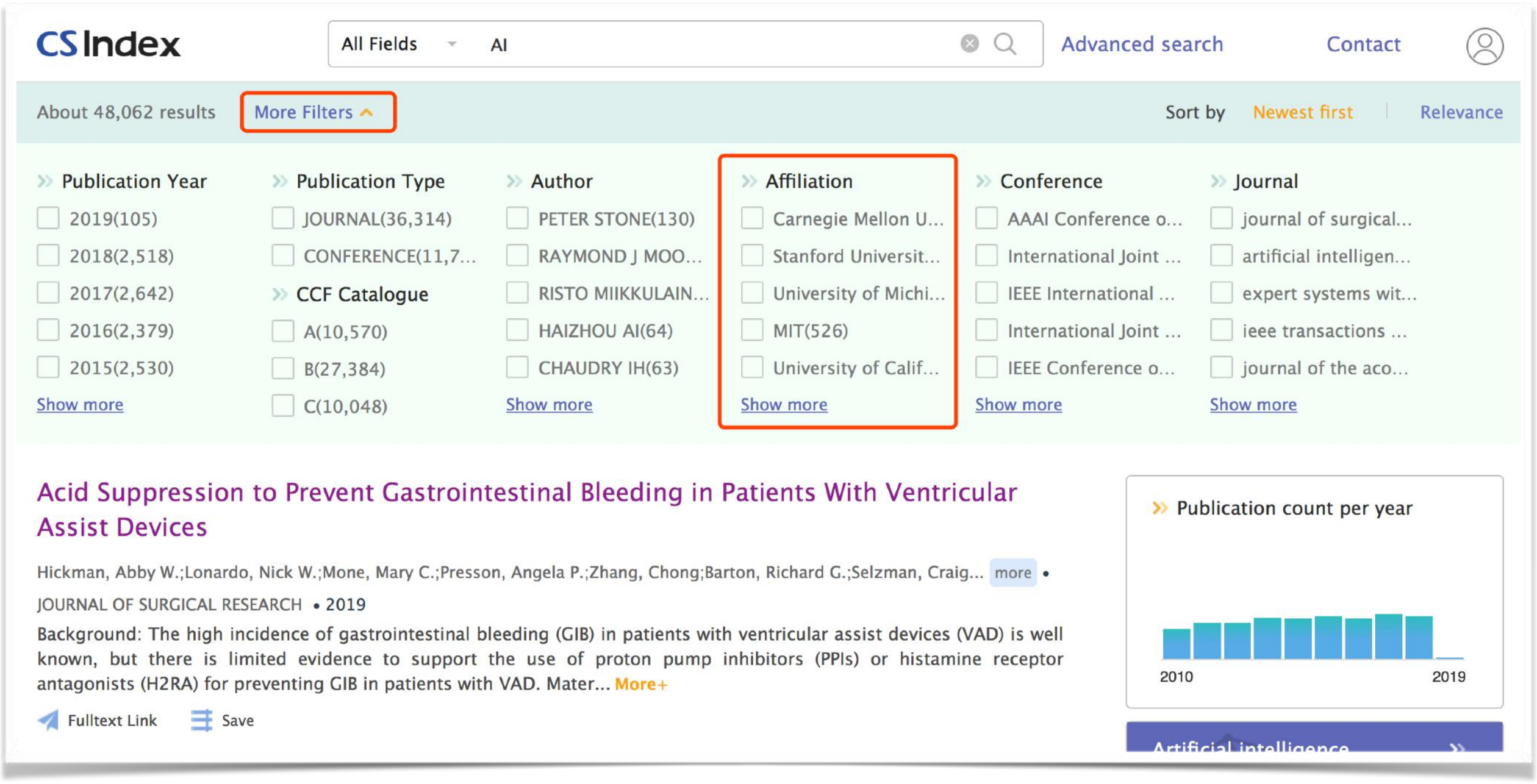
Related Topics

Artificial intelligence

CSIndex使用案例

通过研究领域发现信息

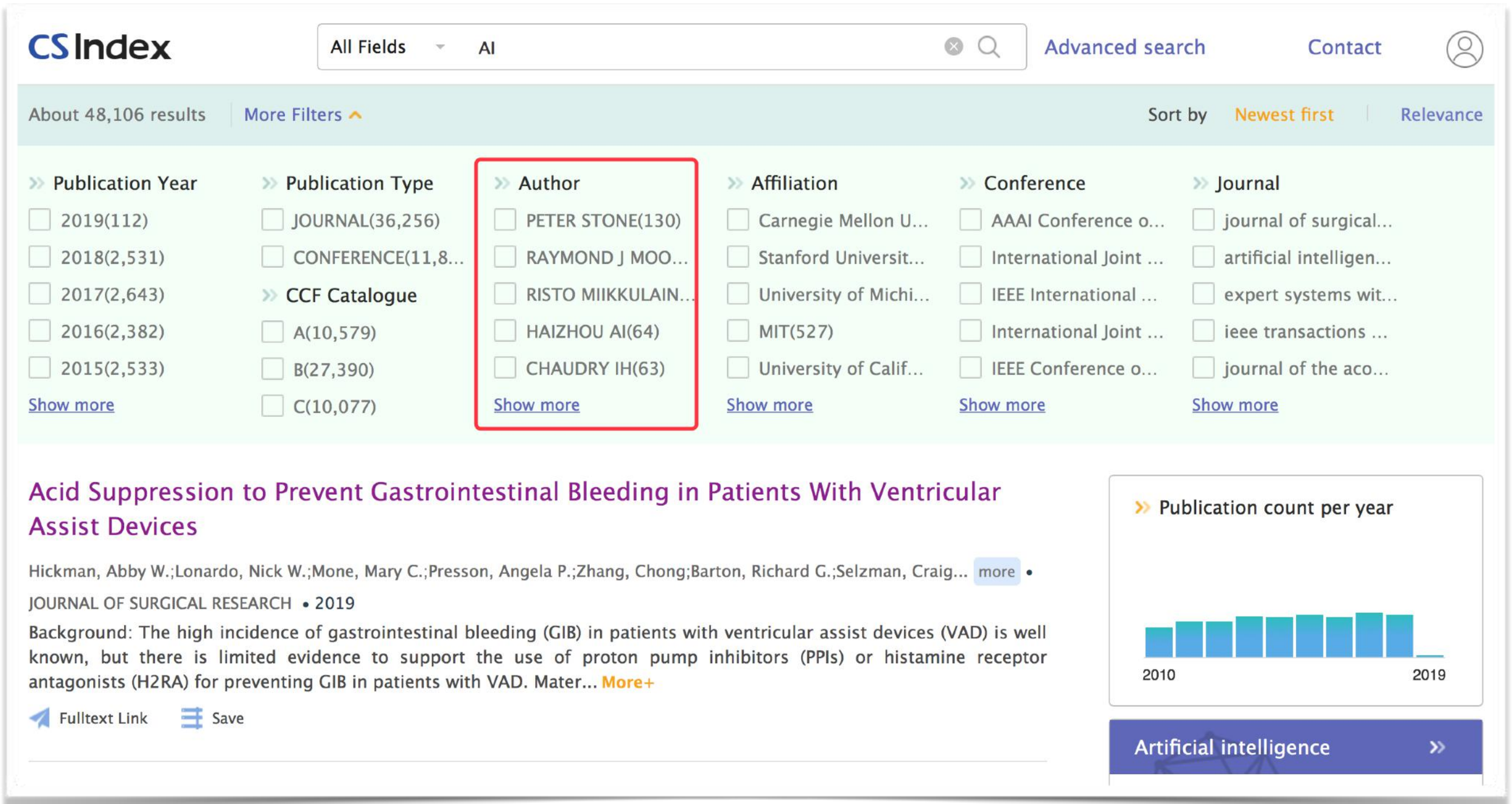
2. 发现研究领域的一流机构，搜索 AI，看聚类



CSIndex使用案例

通过研究领域发现信息

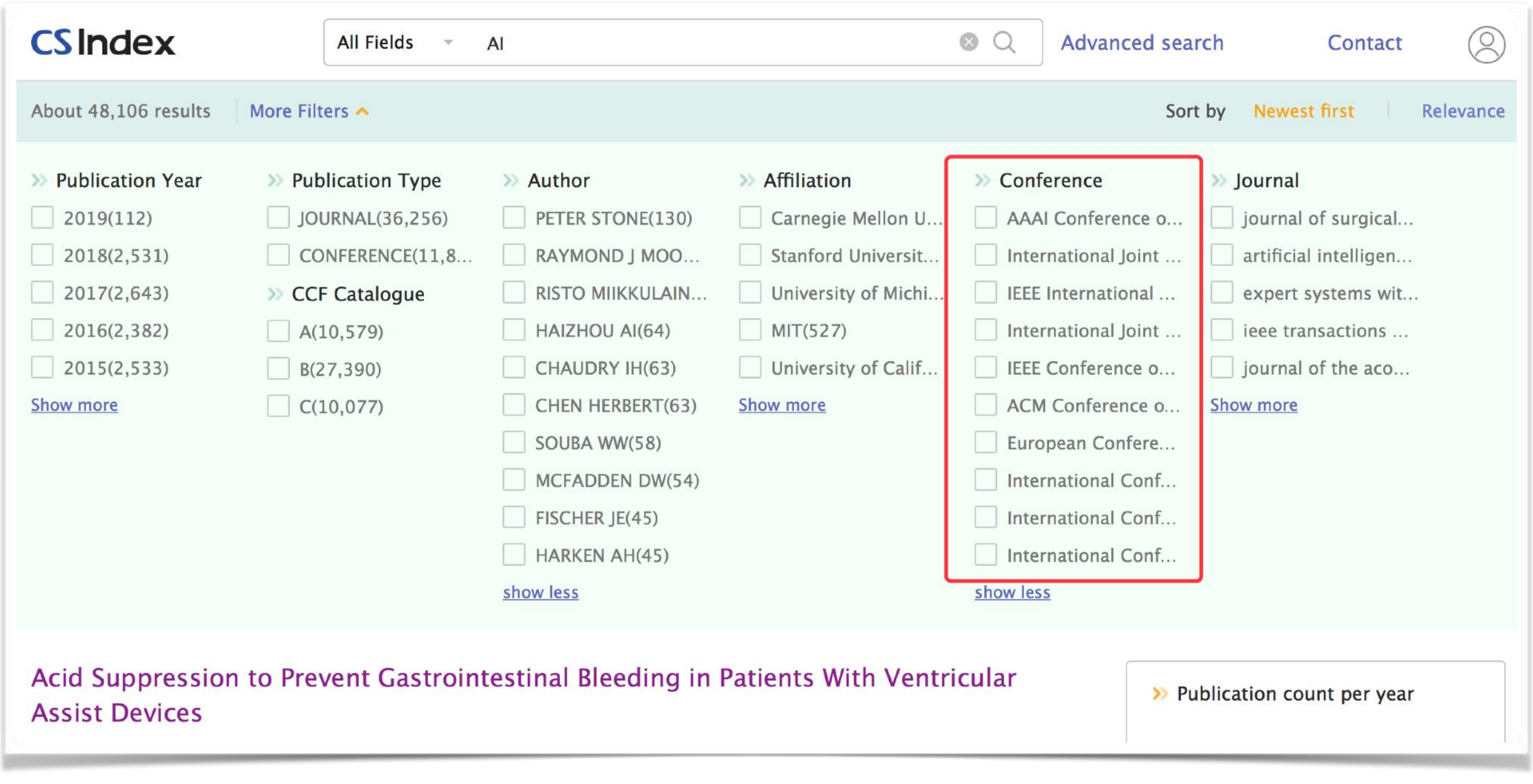
3. 发现研究领域的一流人才，搜索 AI，看聚类



CSIndex使用案例

通过研究领域发现信息

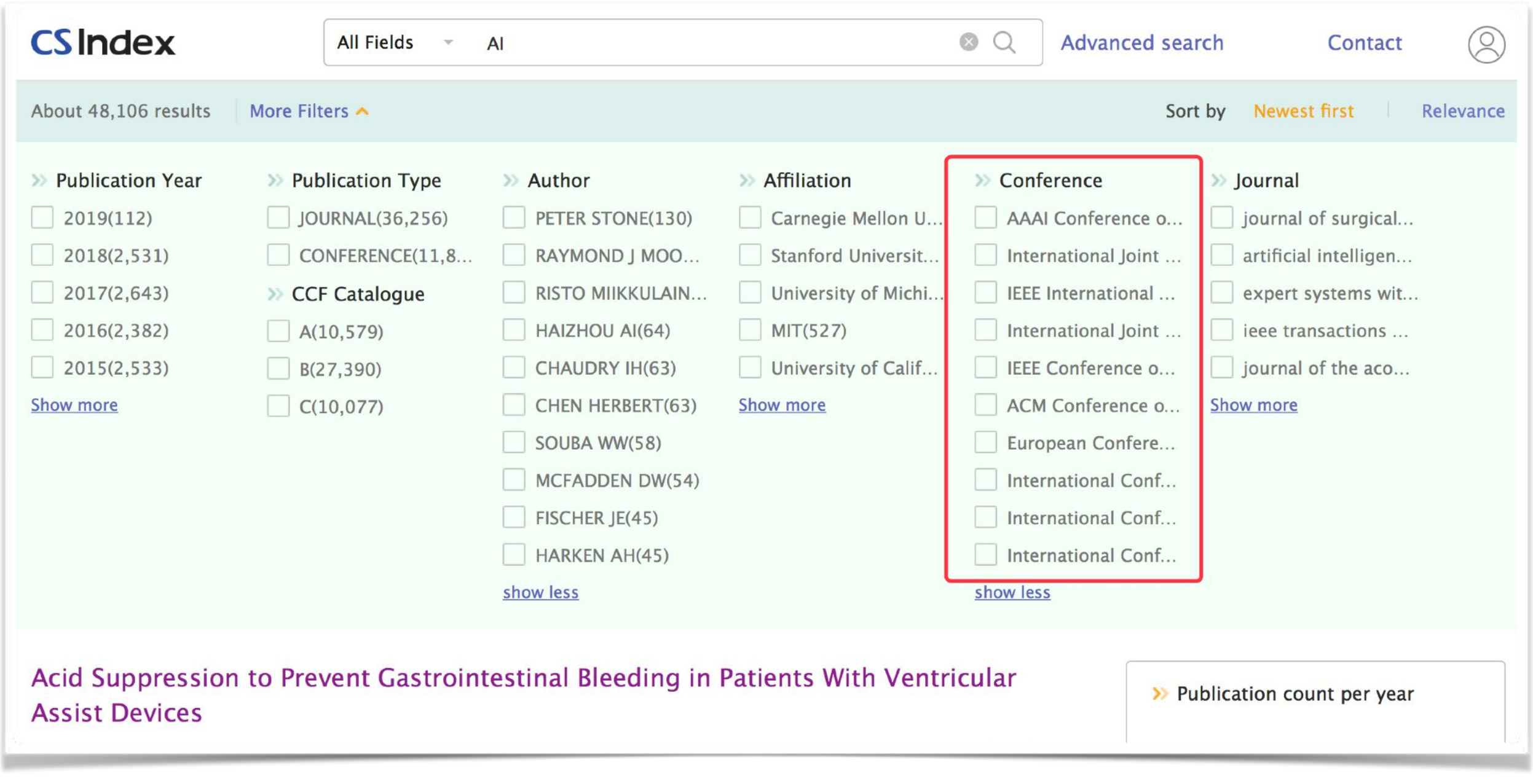
4. 发现研究领域的一流会议，搜索 AI，看聚类



CSIndex使用案例

通过研究领域发现信息

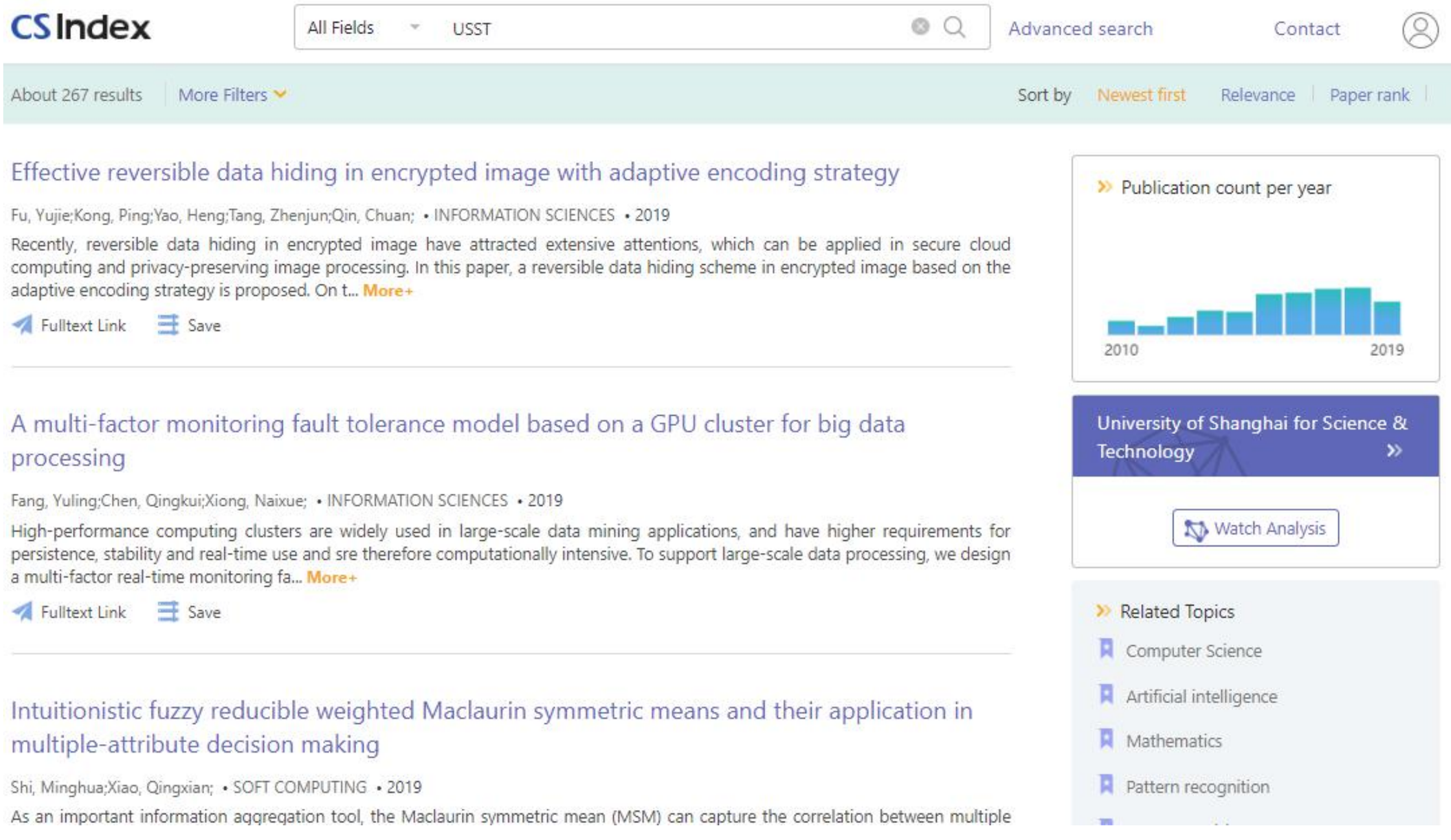
5. 发现研究领域的 一流期刊，搜索 AI，看聚类



CSIndex使用案例

通过研究机构发现信息

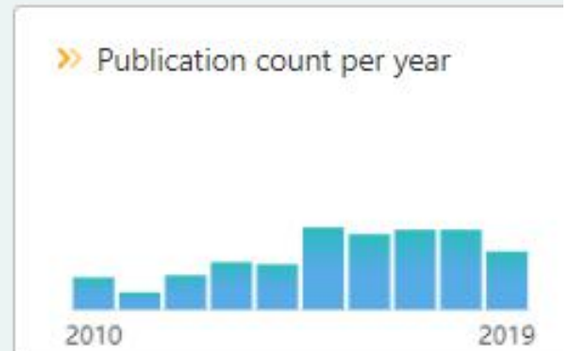
1. 发现研究机构的 最新研究成果，搜索 USST



通过研究机构发现信息

2. 发现研究机构的 机构分析，搜索 USST

Shanghai University of Technology



机构分析　　机构发文收录

Institution Analysis　Publications

Top 20 Authors by Paper count

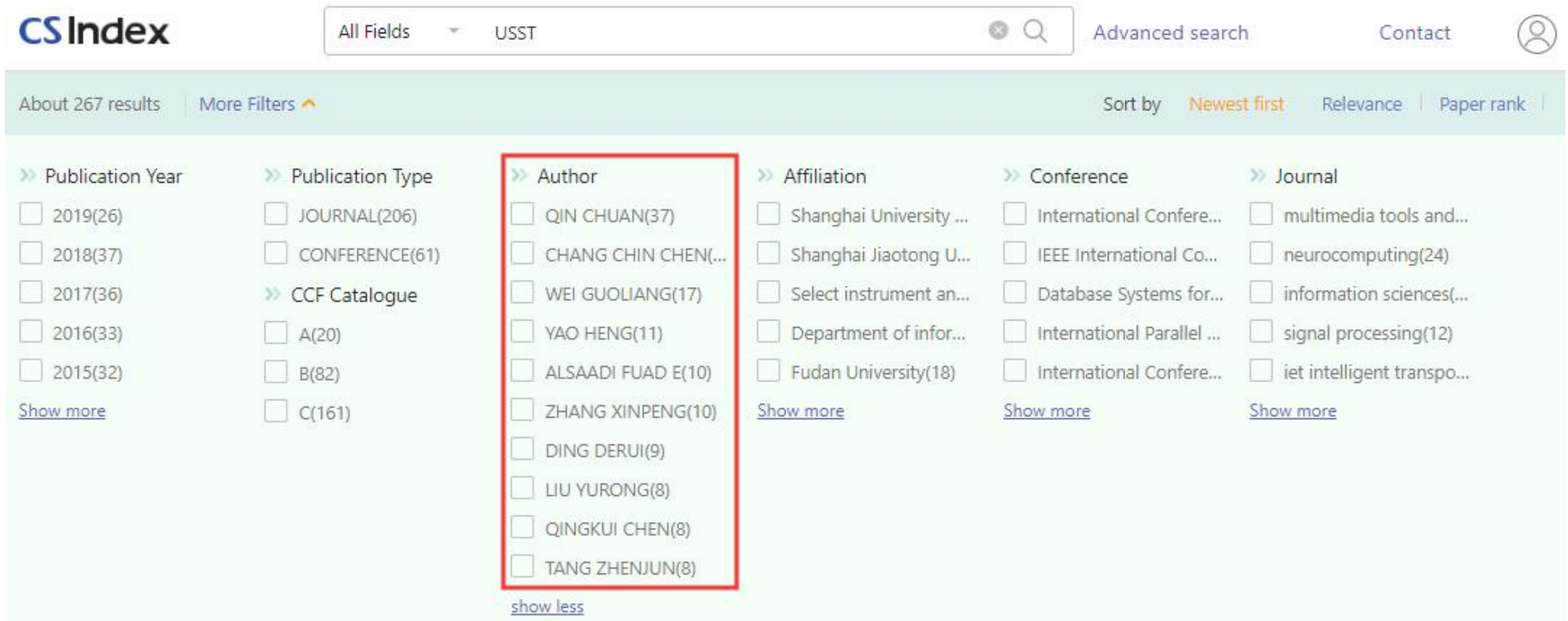
1	QIN CHUAN	11	GAO LIPING
2	CHANG CHIN CHEN	12	WANG ZIDONG
3	WEI GUOLIANG	13	ZHANG SUNJIE
4	YAO HENG	14	MAO QIAN
5	ALSAADI FUAD E	15	SHIPING CHEN

Top 10 Related Topics

1	Computer Science
2	Artificial intelligence
3	Mathematics
4	Pattern recognition
5	Computer vision
6	Machine learning
7	Distributed computing
8	Mathematical optimization
9	Real-time computing

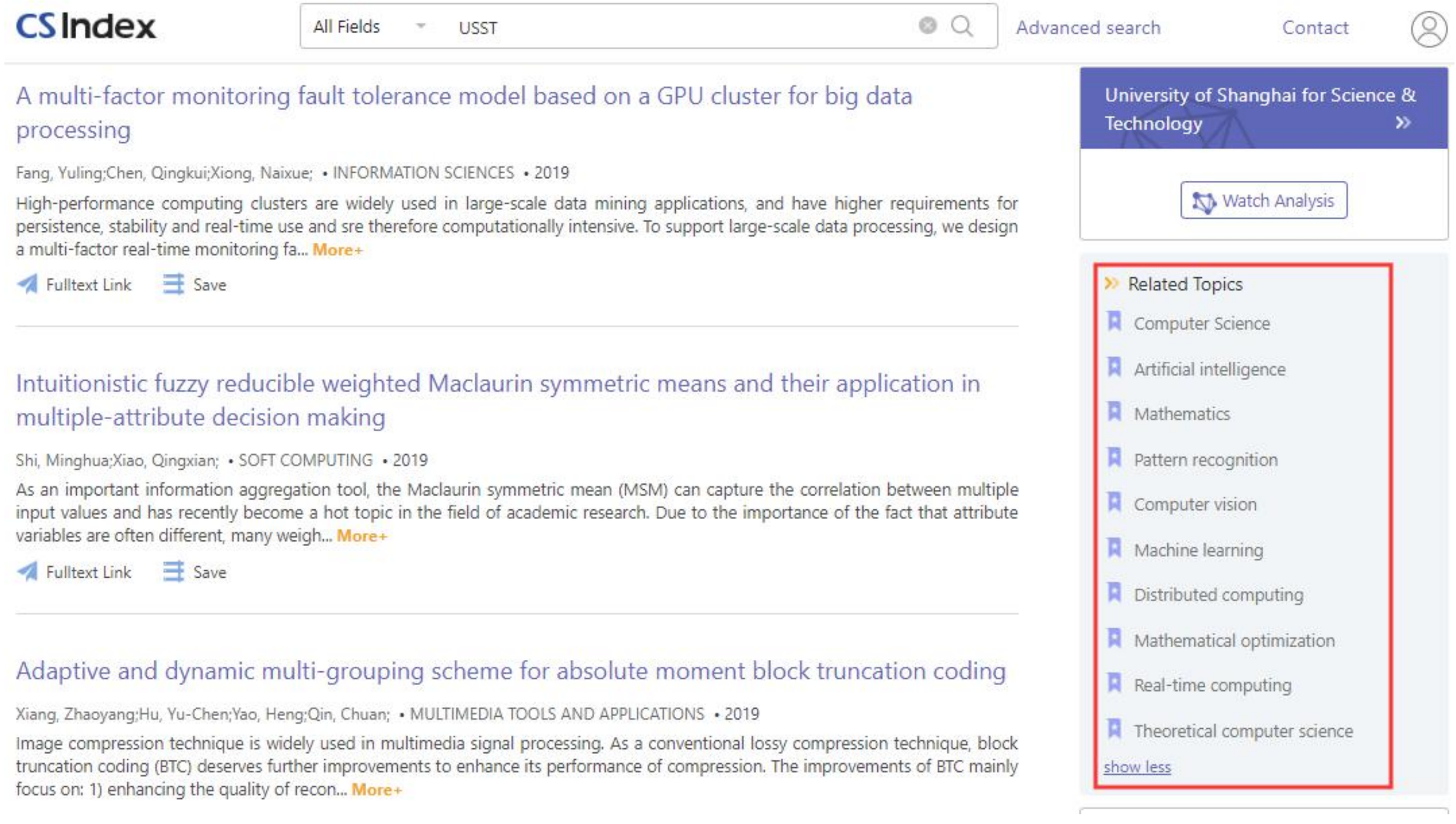
通过研究机构发现信息

3. 发现研究机构的领军人物，搜索 USST，看聚类



通过研究机构发现信息

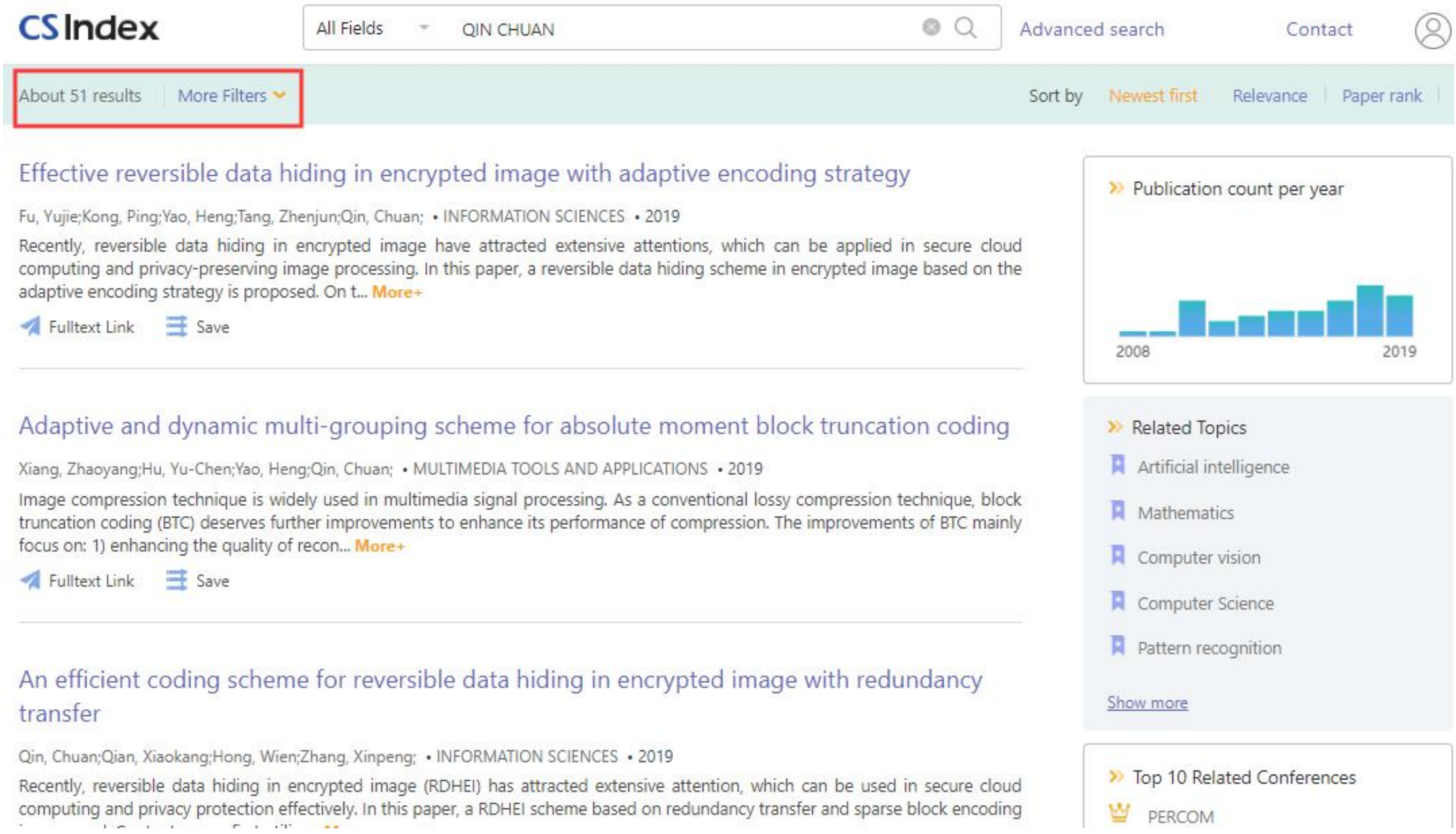
4. 发现研究机构的 重点研究方向



CSIndex使用案例

通过学者搜索发现信息

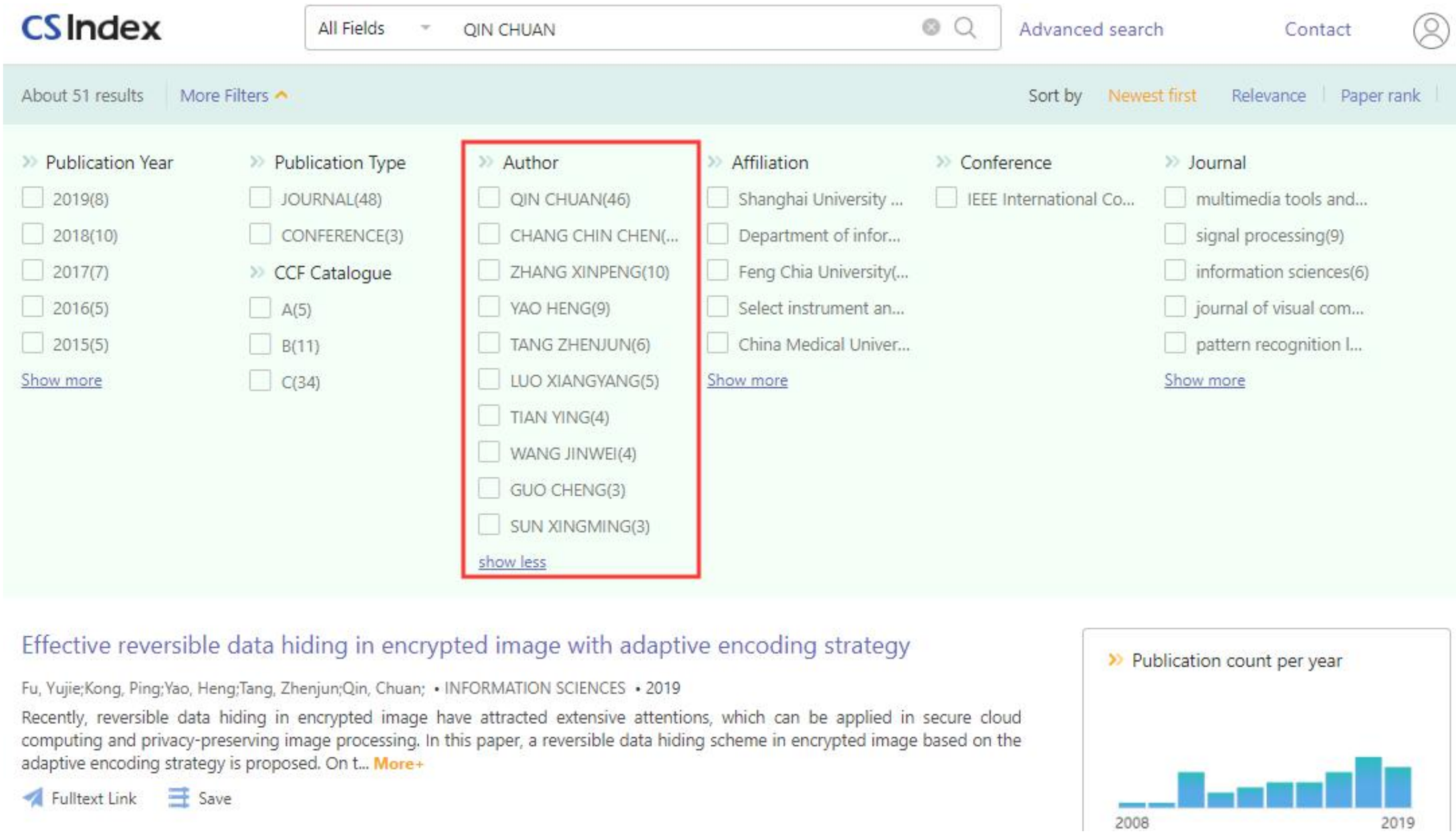
1. 发现学者的 最新研究成果



CSIndex使用案例

通过学者搜索发现信息

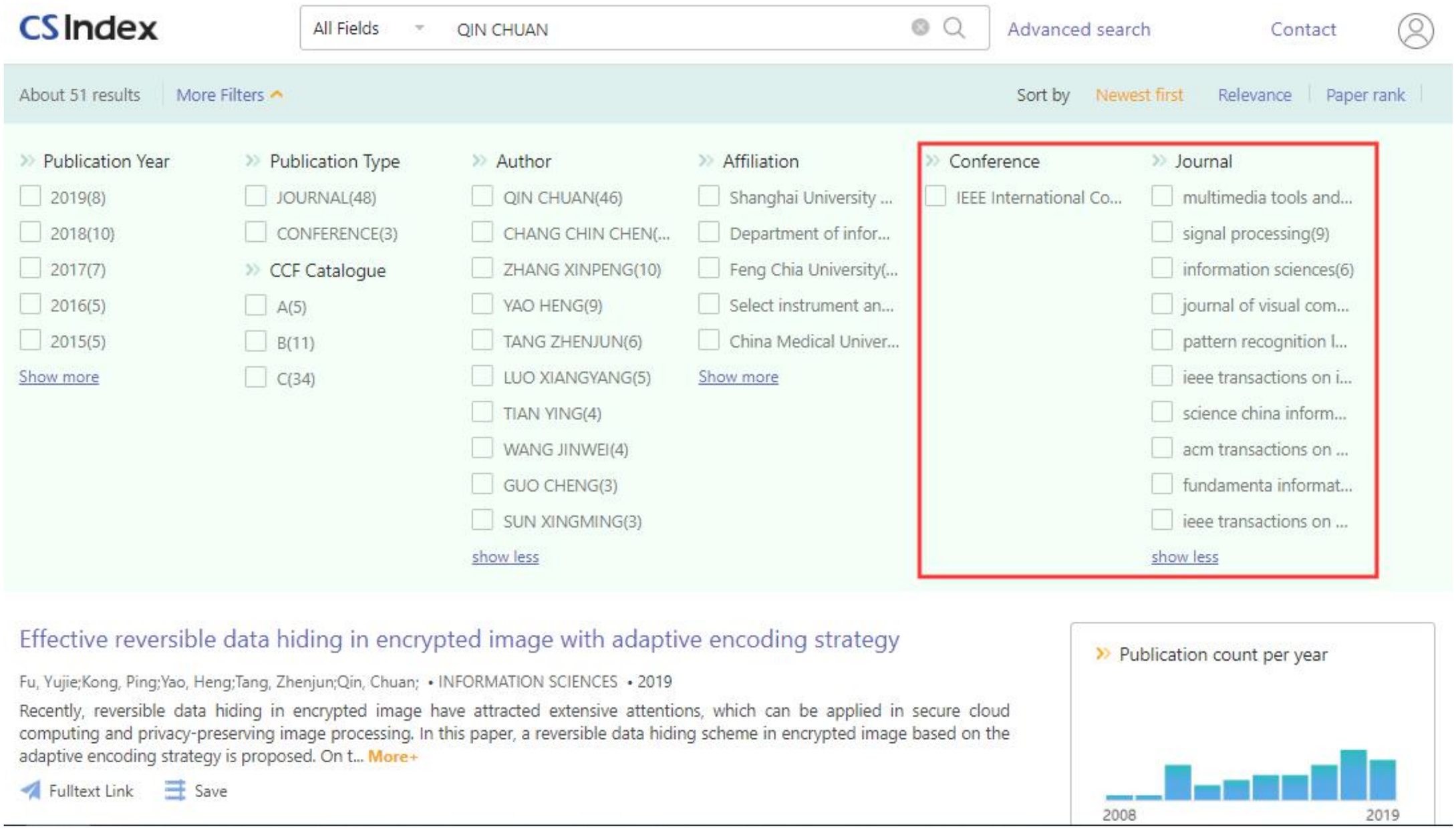
2. 发现学者的 合作团队



CSIndex使用案例

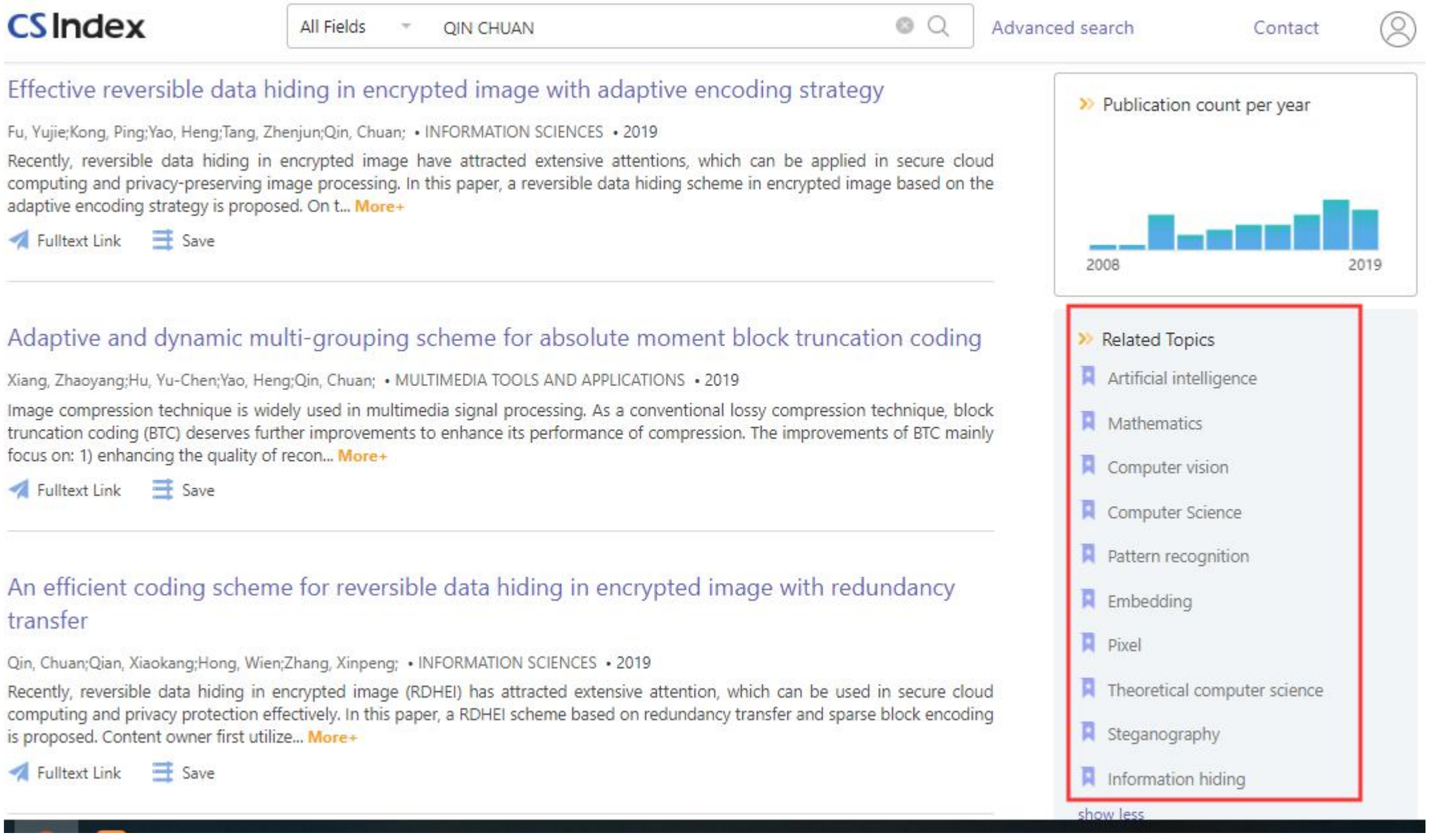
通过学者搜索发现信息

3. 发现学者的 主要投稿期刊、会议



通过学者搜索发现信息

4. 发现学者的 核心研究方向



CSIndex使用案例

通过一流会议发现信息

CS Index

All Fields | Search 1,300,000+ papers from CCF recommendatio | Advanced search | Contact

IJCAI(International Joint Conference on Artificial Intelligence)

International Joint Conference on Artificial Intelligence (IJCAI) is a gathering of artificial intelligence researchers and practitioners. It is organized by the International Joint Conferences on Artificial Intelligence|IJCAI, Inc.. It was held biennially in odd-numbered years from 1969 to 2015. Starting 2016, IJCAI is held annually. It is sponsored jointly by the International Joint Conferences on Artificial Intelligence (IJCAI) Organization, and the national AI societies (such as the AAAI) of the host nations. This makes it a more selective publication than many AI journals. More+

Wikipedia

会议信息

» Publication count per year

会议研究方向

Conference Analysis | Publications

会议分析

» Top 20 Authors by Paper count

NICHOLAS R JENNINGS		11	CRAIG BOUTILIER
TOBY WALSH		12	SUBBARAO KAMBHAMPATI
FEIPING NIE		13	SHLOMO ZILBERSTEIN

» Top 10 Related Topics

- Artificial intelligence
- Computer Science
- Machine learning
- 4 Mathematics
- 5 Discrete mathematics
- 6 Mathematical optimization
- 7 Pattern recognition

CSIndex使用案例

通过一流会议发现信息

CS Index

All Fields | Search 1,300,000+ papers from CCF recommendatio | Advanced search | Contact

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Wikipedia

» Publication count per year

Conference Analysis | Publications

会议最新发文

About 7,897 results | Recent papers | Fewer Filters

Neural Fictitious Self-Play in Imperfect Information Games with Many Players.

Keigo Kawamura; Naoki Mizukami; Yoshimasa Tsuruoka; • IJCAI • 2018

Computing Nash equilibrium solutions is an important problem in the domain of imperfect information games. Counterfactual Regret Minimization+ (CFR+) can be used to (essentially weakly) solve two-player limit Texas Hold'em, but it cannot be applied to large multi-player games due to the problem of ... More+

Research Direction: Machine learning | Artificial intelligence | Computer Science

Fulltext Link | Save

» Top 10 Related Topics

1 Artificial intelligence
2 Computer Science
3 Machine learning
4 Mathematics
5 Discrete mathematics
6 Mathematical optimization
7 Pattern recognition
8 Natural language processing

CSIndex使用案例

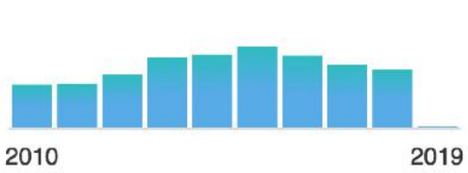
通过一流期刊发现信息

CS Index

All Fields | Search 1,300,000+ papers from CCF recommendatio | Advanced search | Contact

IEEE TRANSACTIONS ON KNOWLEDGE AND DATA ENGINEERING

» Publication count per year



期刊分析　期刊最新发文

Journal Analysis | Publications

About 3,462 results　Recent papers　Fewer Filters

Passive and Partially Active Fault Tolerance for Massively Parallel Stream Processing Engines

Su, Li;Zhou, Yongluan; • IEEE TRANSACTIONS ON KNOWLEDGE AND DATA ENGINEERING, • 2019

Fault-tolerance techniques for stream processing engines can be categorized into passive and active approaches. However, both approaches have their own inadequacies in Massively Parallel Stream Processing Engines (MPSPE). The passive approach incurs a long recovery latency especially when a number o... More+

Save

» Top 10 Related Topics

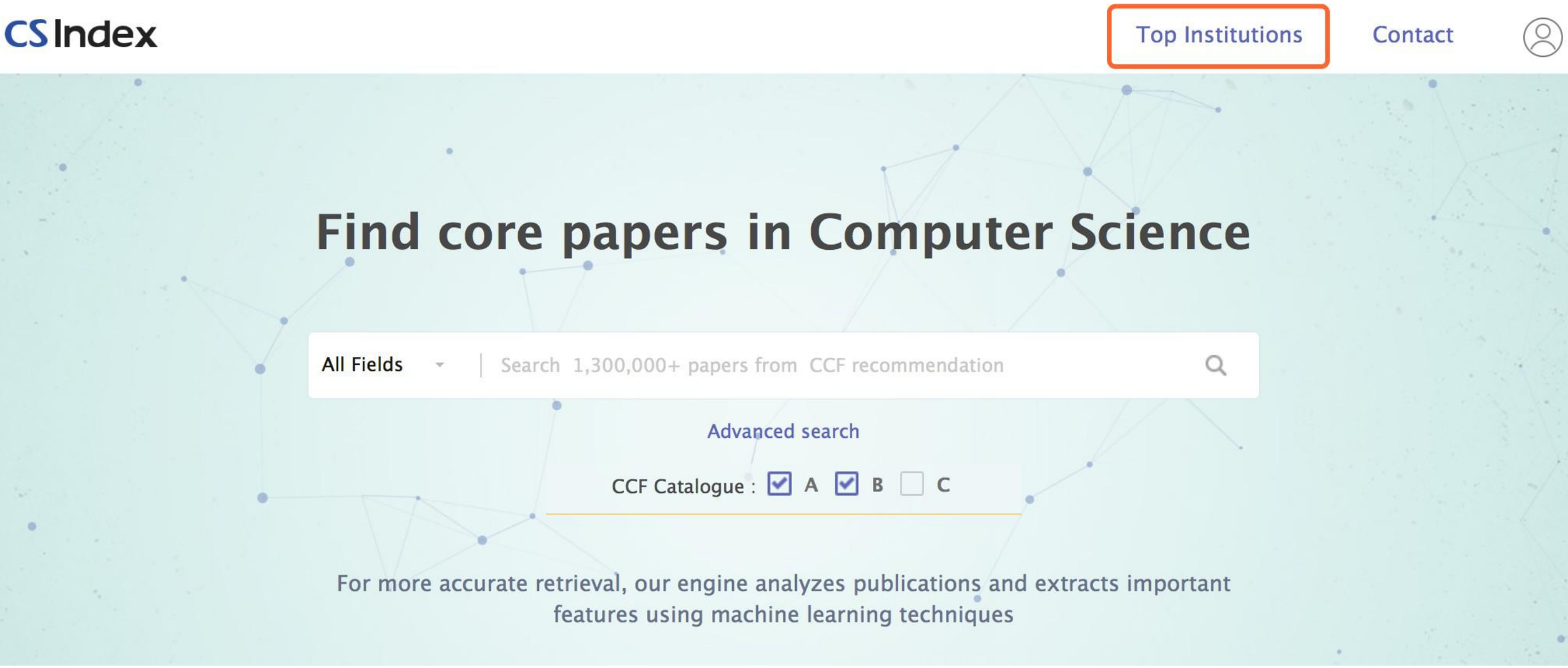
1 Artificial intelligence
2 Computer Science
3 Data mining
4 Machine learning
5 Pattern recognition
6 Mathematics
7 Database
8 Cluster analysis

新增亮点

CSIndex亮点

机构世界排名

通过对比，了解国家/地区、研究领域下各个机构科研水平及世界排名。



CSIndex亮点

机构世界排名

发表指数（Publication Index）是根据发表论文中作者数量的反比来分配分数，从而得出一套公平的统计数据，它可以清晰地反应出学科下机构对该课题的贡献程度。

CS Index　All Fields　Search 1,260,000+ papers from CCF recommendation　Advanced search　Contact

Top Institutions (July)

CCF Catalogue: A&B&C　Period: ALL　Country and Region: ALL

CCF Discipline: ALL

Rank	Institution	Paper Counts	CSI Citations	Publication Index	Inclusion per capita	World Rank	Country
1	Carnegie Mellon University	17,240	351,730	11547.12	1.57	1	United States
2	Massachusetts Institute of Technology	14,534	361,603	9516.59	1.32	2	United States
3	Tsinghua University 清华大学	13,031	81,225	8539.78	1.1	3	China
4	Stanford University	12,766	387,591	8273.83	1.16	4	United States
5	Georgia Institute of Technology	10,574	126,288	6992.59	1.28	5	United States
6	University of Maryland, College Park	10,477	164,046	6755.55	1.33	6	United States
7	University of Washington	9,584	154,613	6053.46	1.04	7	United States

数据智能助力科技进步

Data Intelligence Make Science Better