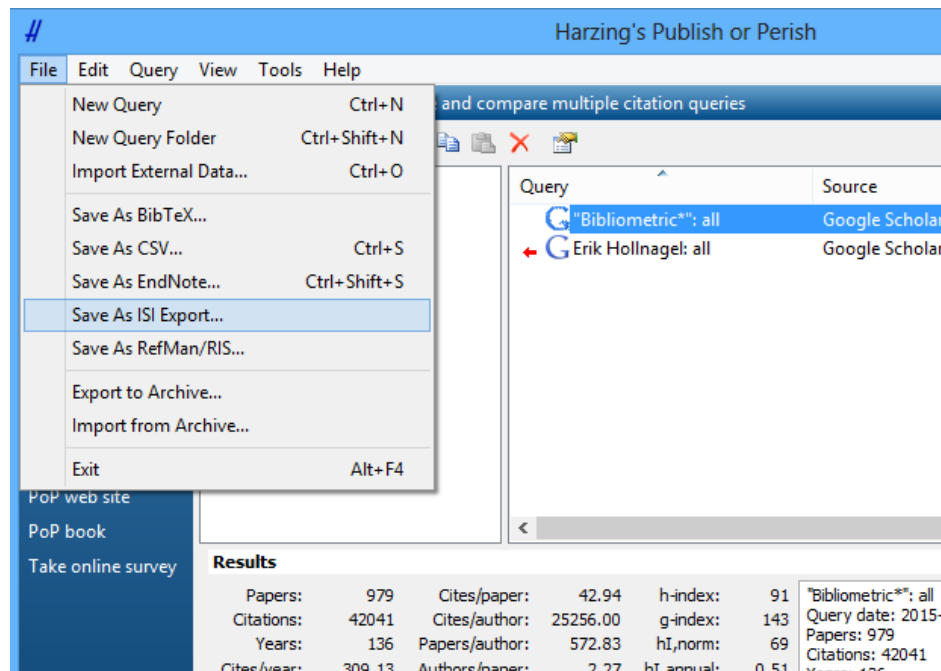


CiteSpace对Google Scholar数据的分析



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2015年12月11日

Publish or Perish 4

配套教程: 李杰, 陈超美著. CiteSpace科技文本挖掘及可视化[M]. 首都经济贸易大学出版社. 2016.

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说明

- 使用CiteSpace分析Google Scholar的数据基本思路：检索得到的数据可以保存为Web of Science格式。
- 解决此问题的直接方法是使用最新版的Publish or Perish工具来检索和下载Google Scholar的数据，并将结果保存为ISI格式。然后按照分析Web of Science数据的步骤进行分析即可。
- 但是需要注意的是Google Scholar得到的数据并不是包含了所有的可用字段。因此仅仅可以分析数据中包含的知识单元。

软件要求：

 注意

- 请下载最新版的Publish or Perish软件http://www.harzing.com/pop.htm?source=pop_4.22.0.5819
- CiteSpace最低版本要求为：CiteSpace 4.0.R5

<http://cluster.ischool.drexel.edu/~cchen/citespace/current/4.0.R5.64-bit.public.12.11.2015.7z>

下载PoP软件

Resources > Publish or Perish

Publish or Perish

Are you applying for tenure, promotion or a new job? Do you want to include evidence of the impact of your research? Is your work cited in journals which are not ISI listed? Then you might want to try Publish or Perish, designed to help individual academics to present their case for research impact to its best advantage.

Version: 4.22.0 (6 December 2015)

- What's new?
- Download for Windows
- Download for OS X
- Download for GNU/Linux

About Publish or Perish



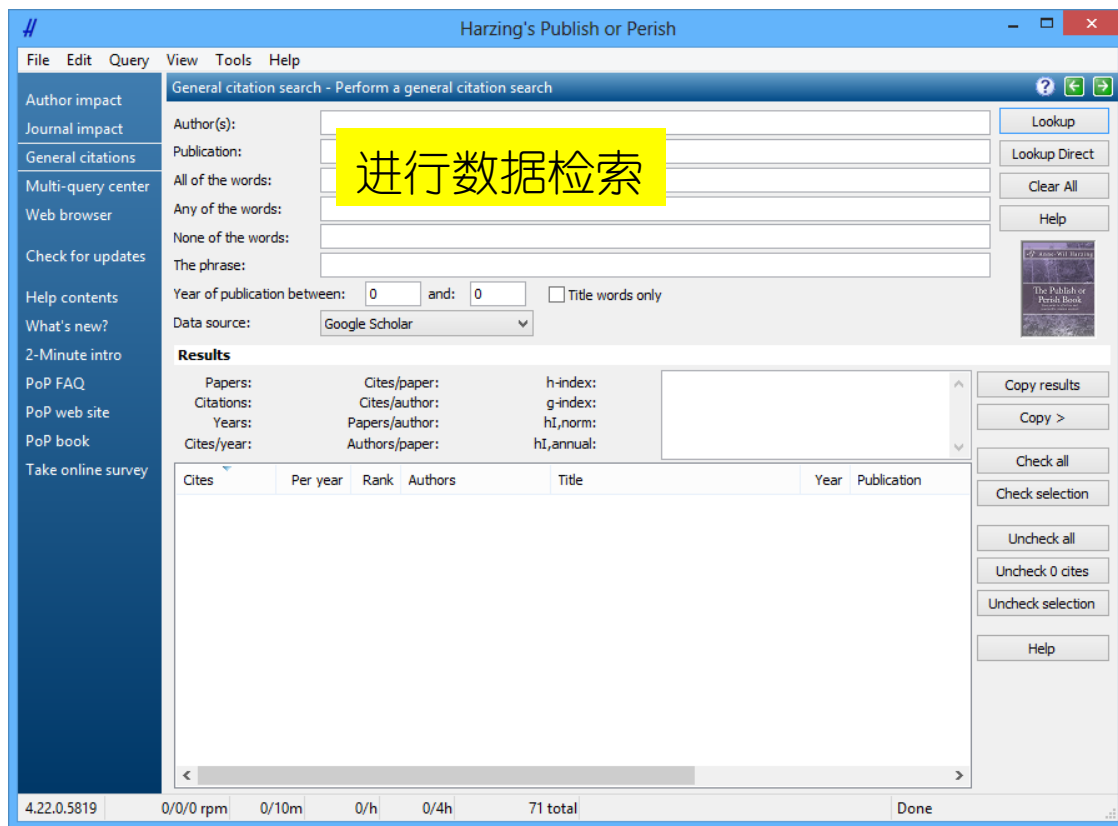
On this page

- About Publish or Perish
- What Publish or Perish is for
- How to cite Publish or Perish Metrics
- Training resources
- Caveat emptor
- Download and install PoP
 - Publish or Perish on Microsoft Windows
 - Publish or Perish on OS X
 - Publish or Perish on GNU/Linux
- Related topics

Subtopics

登陆PoP主页<http://www.harzing.com/pop.htm?source=pop> 4.22.0.5819, 下载并安装PoP

数据检索



Harzing's Publish or Perish

File Edit Query View Tools Help

General citation search - Perform a general citation search

Author(s): Lookup

Publication: Lookup Direct

All of the words: Clear All

Any of the words: Help

None of the words:

The phrase:

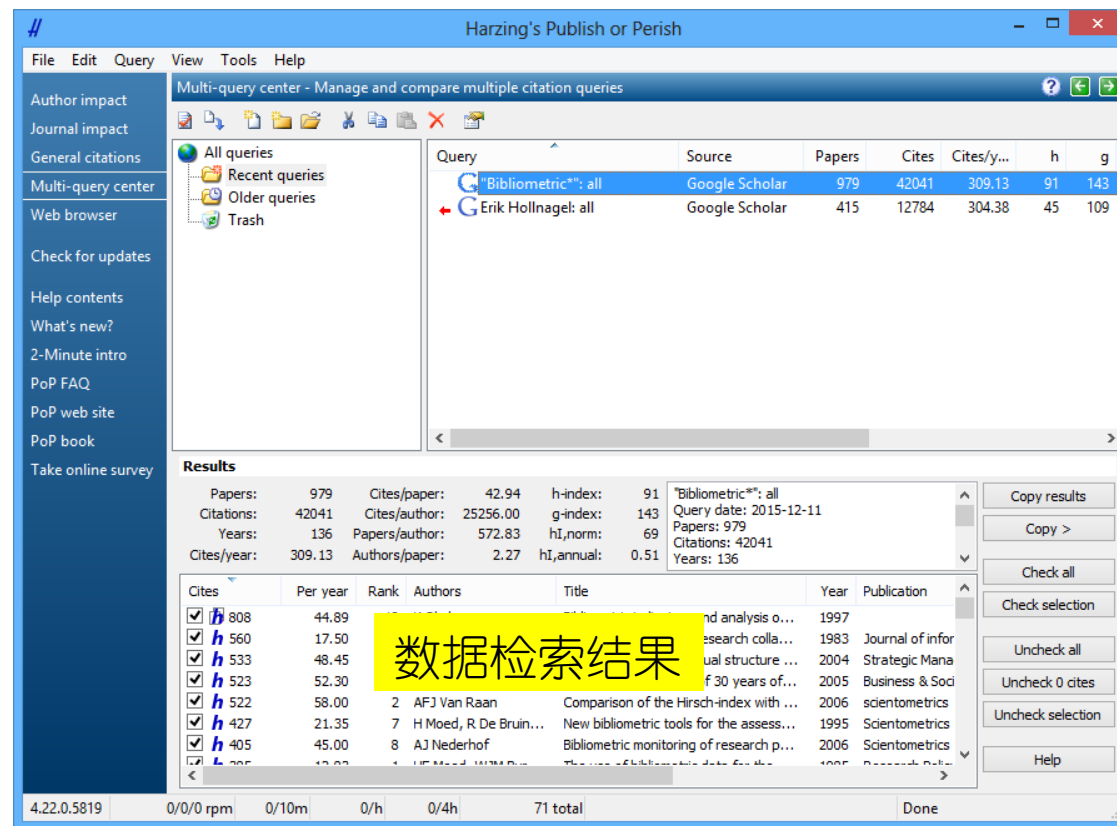
Year of publication between: 0 and: 0 Title words only

Data source: Google Scholar

Results

Cites	Per year	Rank	Authors	Title	Year	Publication
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4.22.0.5819 0/0/0 rpm 0/10m 0/h 0/4h 71 total Done



Harzing's Publish or Perish

File Edit Query View Tools Help

Multi-query center - Manage and compare multiple citation queries

Author impact

Journal impact

General citations

Multi-query center

Web browser

Check for updates

Help contents

What's new?

2-Minute intro

PoP FAQ

PoP web site

PoP book

Take online survey

Query	Source	Papers	Cites	Cites/y...	h	g
Bibliometric*': all	Google Scholar	979	42041	309.13	91	143
Erik Hollnagel': all	Google Scholar	415	12784	304.38	45	109

Results

Cites	Per year	Rank	Authors	Title	Year	Publication
808	44.89				1997	
h 560	17.50				1983	Journal of infor
h 533	48.45				2004	Strategic Mana
h 523	52.30				2005	Business & Soci
h 522	58.00	2	AFJ Van Raan	Comparison of the Hirsch-index with ...	2006	scientometrics
h 427	21.35	7	H Moed, R De Bruin...	New bibliometric tools for the assess...	1995	Scientometrics
h 405	45.00	8	AJ Nederhof	Bibliometric monitoring of research p...	2006	Scientometrics

4.22.0.5819 0/0/0 rpm 0/10m 0/h 0/4h 71 total Done

导出ISI格式数据

Save As ISI Export



The screenshot shows the Harzing's Publish or Perish software interface. The 'File' menu is open, and 'Save As ISI Export...' is highlighted. The main window displays a comparison of two citation queries from Google Scholar:

Query	Source	Papers	Cites	Cites/y...	h	g
"Bibliometric*": all	Google Scholar	979	42041	309.13	91	143
Erik Hollnagel: all	Google Scholar	415	12784	304.38	45	109

Below the comparison, the 'Results' section for the first query is shown:

Cites	Per year	Rank	Authors	Title	Year	Publication
808	44.89	18	Y Okubo	Bibliometric indicators and analysis o...	1997	
560	17.50	3	K Subramanyam	Bibliometric studies of research colla...	1983	Journal of infor
533	48.45	5	AR Ramos-Rodríguez	Changes in the intellectual structure ...	2004	Strategic Mana
523	52.30	6	FGA De Bakker, P G...	A bibliometric analysis of 30 years of...	2005	Business & Soci
522	58.00	2	AFJ Van Raan	Comparison of the Hirsch-index with ...	2006	scientometrics
427	21.35	7	H Moed, R De Bruin...	New bibliometric tools for the assess...	1995	Scientometrics
405	45.00	8	AJ Nederhof	Bibliometric monitoring of research p...	2006	Scientometrics

The status bar at the bottom shows '71 total' and 'Done'.

POP导出的Google Scholar格式

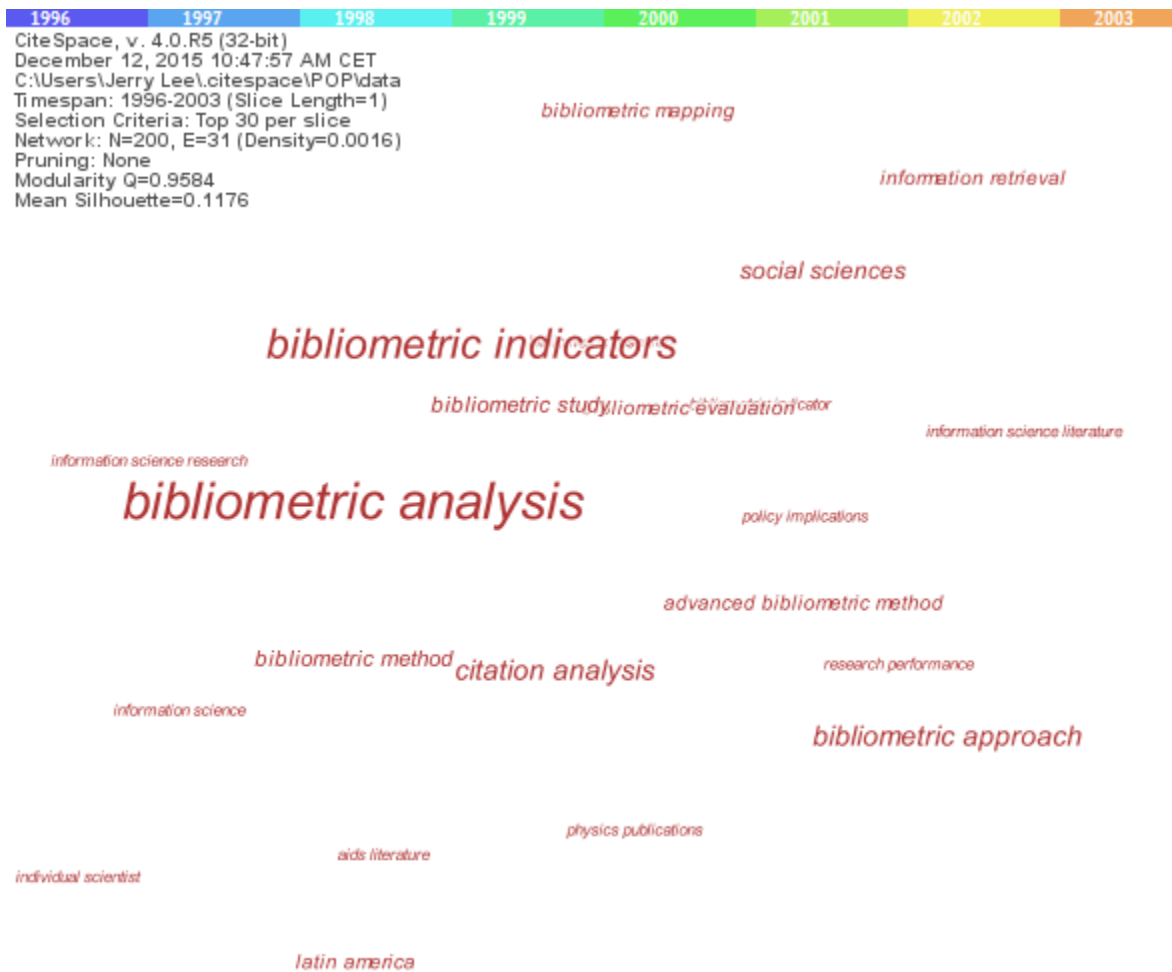
```
C:\Users\Jerry Lee\citespace\POP\data\xdov
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?
xdownload_pop.txt
388 PT J
389 AU Glänzel, W
390     Schubert, A
391     Czerwon, HJ
392 TI A bibliometric analysis of international scientific cooperation of the
393     European Union (1985-1995)
394 SO Scientometrics
395 PU Springer
396 UR http://link.springer.com/article/10.1007/BF02458432
397 PY 1999
398 TC 168
399 ER
400
401 PT J
402 AU Glänzel, W
403     Schoepflin, U
404 TI A bibliometric study on ageing and reception processes of scientific
405     literature
406 SO Journal of information Science
407 PU jis.sagepub.com
408 UR http://jis.sagepub.com/content/21/1/37.short
409 PY 1995
410 TC 160
411 ER
```

通过导出的数据内容来看能够在CiteSpace中完成

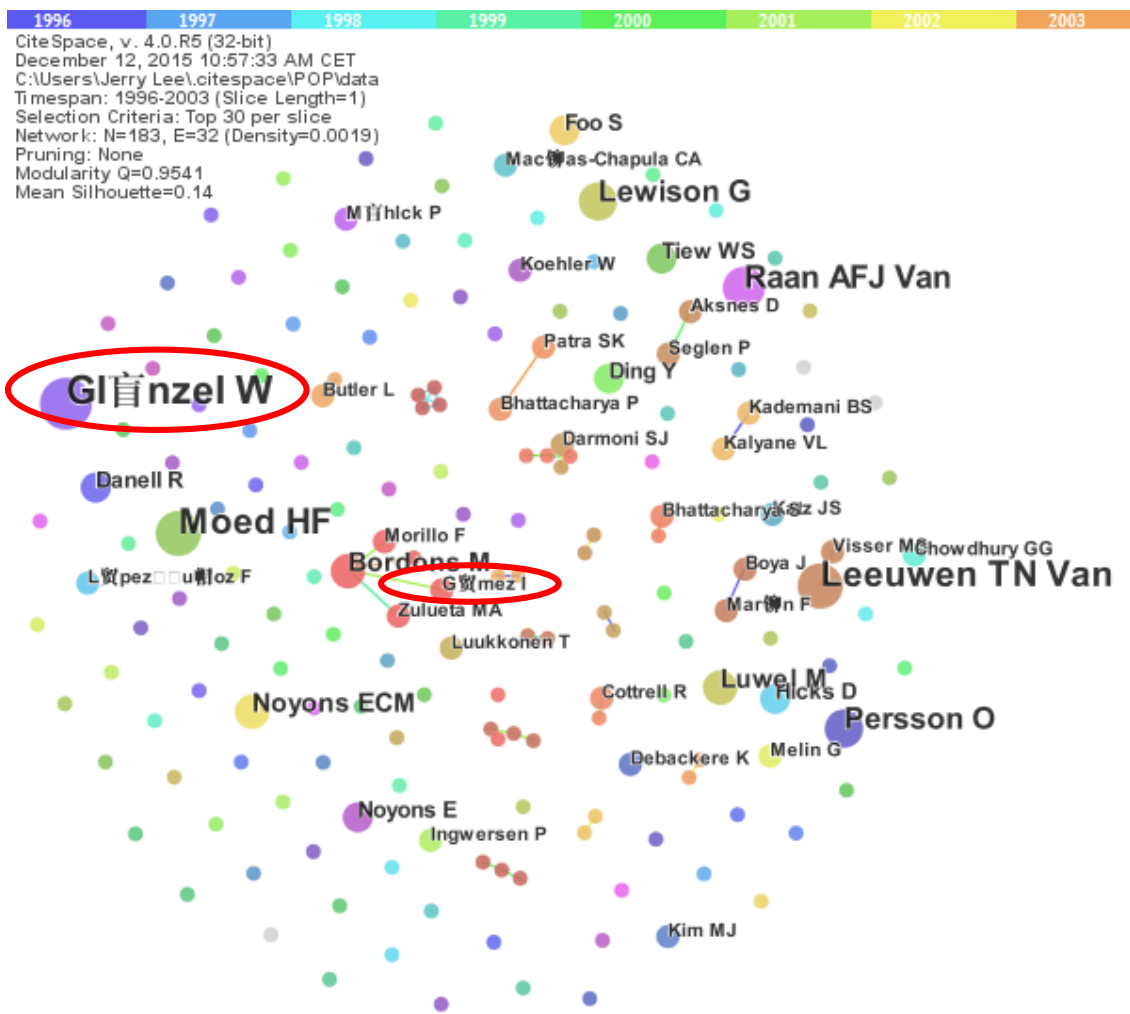
1. 作者的合作分析
2. 主题的共现分析 (Noun phrases)

进一步展望：今后如果有时间会考虑将该数据与Web of Science进行自动匹配，来补充数据的完整性。

使用CiteSpace分析结果-主题共现



使用CiteSpace分析结果-作者合作网络



目前Google Scholar的数据在完整性还不足，且分析得到的结果需要调整。

Glänzel, W

参考文献

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