

CiteSpace导出文献数据



李杰¹, 陈超美²

1. 首都经济贸易大学-安全与环境工程学院

2. Drexel University- College of Computing and Informatics

2015年5月1日

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.

作者博客: 李杰博客: <http://blog.sciencenet.cn/u/jerrycueb>; 陈超美博客: <http://blog.sciencenet.cn/u/ChaomeiChen>

说明

- 版本要求：在CiteSpace 3.9R7（4月26日发布）的版本中增加的文献的导出功能。生成的文献共被引数据可以导入到参考文献管理软件中，方便在后期写作中调用。
- CiteSpace 3.9.R7 is updated for exporting cited references in a visualized network to RIS/EndNote. See CiteSpace manual Section 7.9 for examples of use.
- 最新版本下载地址：
- <http://cluster.cis.drexel.edu/~cchen/citespace/current/3.9.R7.64-bit.public.4.26.2015.zip>

1. 运行案例数据得到结果

The screenshot shows the CiteSpace software interface. The main window displays a network visualization with nodes and edges. A red arrow points to the 'Export' menu item in the top menu bar. A blue callout box contains the following steps:

步骤:
1. 点击菜单栏的“EXPORT”
2. Save Cited Reference to an RIS File

The network visualization shows several nodes connected by edges. The nodes are labeled with author names and years, such as HENDERSON DA (1999), TOROK TJ (1997), FRYKBERG ER (1988), CHRISTOPHER GW (1997), FRANZ DR (1997), COOPER GJ (1983), INGLESBY TV (1999), and HENDERSON DA (1999). The edges represent relationships between these nodes.

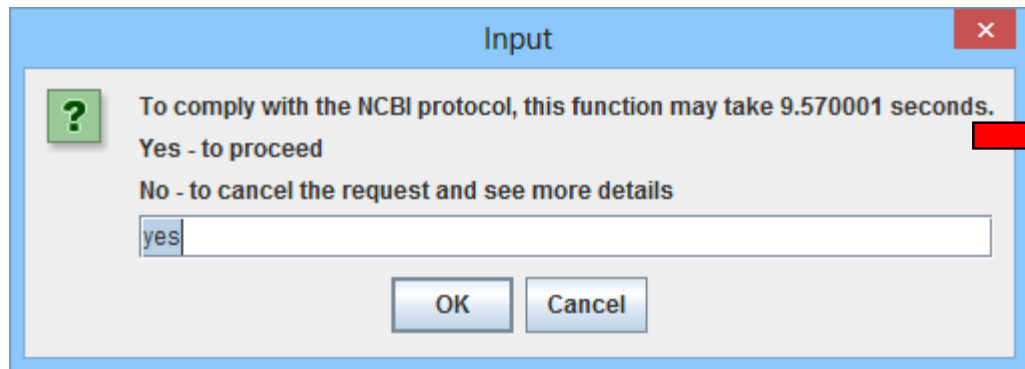
The 'Export' menu is open, showing options like 'Network Summary Table', 'Save Cited References to an RIS File', 'Clustering + Labeling + Save Cluster Files', 'Load Cluster Membership to DB', 'Merge network_summary_YYYY-YYYY.csv files and structural_change_metrics.csv', 'Generate a Narrative', and 'Run Batch Mode'. A red arrow points to the 'Save Cited References to an RIS File' option.

The right sidebar contains a 'Control Panel' with settings for 'Term Labeling', 'Article Labeling', and 'Cluster Labeling'. The 'Term Labeling' section has a dropdown set to 'By Centrality' and a 'Show Frequency' checkbox. The 'Article Labeling' section has a dropdown set to 'By Freq' and a 'Show Frequency' checkbox. The 'Cluster Labeling' section has a slider set to 0 and a 'Silhouette>0.05' checkbox. The 'Layout' section has several checkboxes, including 'Snapshot', 'Color Map', and 'Spotlight'.

Vi...	Fr...	C...	Ye...	Cited References
38	0	2		SCHUSTER MA, 200...
35	0	1		FRANZ DR, 1997, JA...
31	0	2		GALEA S, 2002, NEW...
30	0	1		INGLESBY TV, 1999, ...
30	0	1		HENDERSON DA, 19...
29	0	1		TOROK TJ, 1997, JA...
27	0	1		HENDERSON DA, 19...
23	0	1		NORTH CS, 1999, JA...
23	0	1		*AM PSYCH ASS, 19...
20	0	1		FRYKBERG ER, 198...
20	0	1		COOPER GJ, 1983, J...
19	0	1		CHRISTOPHER GW, ...
17	0	1		SIMON JD, 1997, JA...
16	0	2		SCHLENGER WE, 2...
15	0	1		BRISMAR B, 1982, J...
14	0	1		SCHMID AP, 1988, P...
13	0	1		HADDEN WA, 1978, ...
12	0	1		FRYKBERG ER, 198...
10	0	1		CARTER A, 1998, FO...
10	0	1		*CDCP, 1999, MMW...
10	0	1		RIGNAULT DP, 1989...
8	0	1		BROPHYBAERMANN...
8	0	1		MELLOR SG, 1989, B...
7	0	1		*WHO, 1970, HLTH A...
6	0	1		ADLER J, 1983, ISRA...
2	0	1		REINARES F, 1996, ...
2	0	1		AYALON O, 1983, ST...
2	0	1		ALLODI F, 1989, INT...
2	0	1		AYALON O, 1990, LIF...

2. 从CiteSpace导出网络文件

这里提供了三种格式的导出，可以根据需要选取



保持默认YES，点击OK

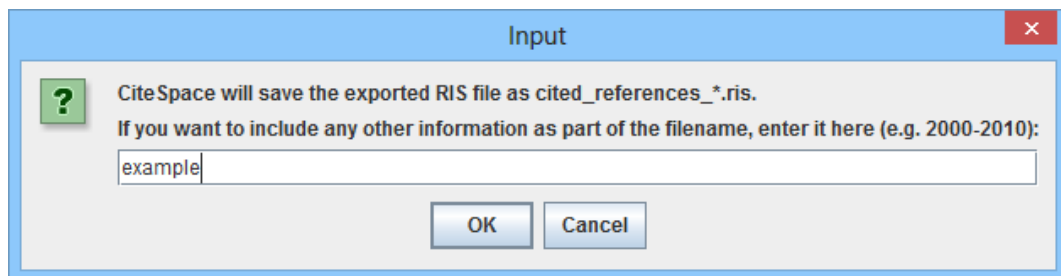
CiteSpace - Summary Table (sorted by Σ)

Save/Show as HTML: network_summary.html Save as CSV Save as RIS

Save To RIS

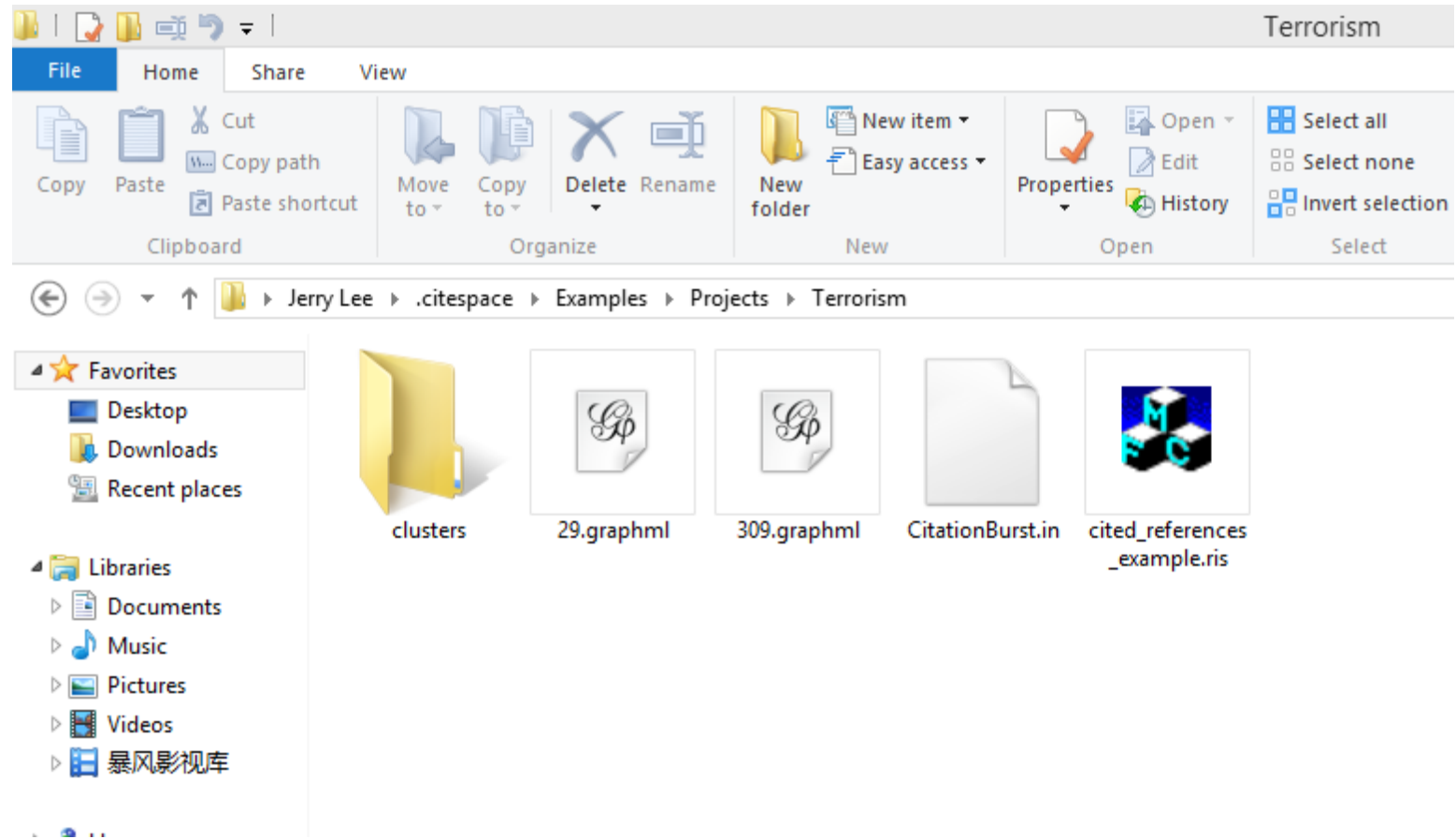
Burst	Centrality	Σ	PageRa...	Keyword	Author	Year	Title	Source	Cluster
38	0.02	1.00	0.00		Schust...	2001	<i>A national</i>	NEW E...	
35	0.15	1.00	0.00		Franz DR	1997	<i>Clinical</i>	JAMA-J ...	
31	0.03	1.00	0.00		Galea S	2002	<i>Psycholo</i>	NEW E...	
30	3.84	0.04	1.17	0.00	Inglesb...	1999	<i>Anthrax a</i>	JAMA-J ...	
30	0.00	1.00	0.00	0.00	Hender...	1999	<i>Smallpox</i>	JAMA-J ...	
29	2.98	0.08	1.26	0.00	Torok TJ	1997	<i>A large</i>	JAMA-J ...	
27	0.00	1.00	0.00	0.00	Hender...	1999	<i>The loom</i>	SCIEN...	
23	0.00	1.00	0.00	0.00	North CS	1999	<i>Psychiatr</i>	JAMA-J ...	
23	0.00	1.00	0.00	0.00	*am PS...	1994	...	DIAGN ...	
20	4.17	0.01	1.04	0.00	Frykber...	1988	<i>Terrorist</i>	ANN S...	
20	5.54	0.06	1.39	0.00	Cooper ...	1983	<i>Casualtie</i>	J TRAU...	
19	0.00	1.00	0.00	0.00	Christo...	1997	<i>Biologica</i>	JAMA-J ...	
17	2.43	0.00	1.20	0.00	Simon ...	1997	<i>Biologica</i>	JAMA-J ...	
16	0.00	1.00	0.00	0.00	Schlen...	2002	<i>Psycholo</i>	JAMA-J ...	
15	0.00	1.01	0.00	0.00	Brismar...	1982	<i>The</i>	J TRAU...	
15	2.20	0.00	1.00	0.00	Schmid...	1988	...	POLITI...	
15	2.98	0.01	1.03	0.00	Hadden...	1978	<i>The injuri</i>	BRIT J ...	
12	2.36	0.00	1.00	0.00	Frykber...	1989	<i>The 1983</i>	AM SU...	
8	0.00	1.00	0.00	0.00	Carter A	1998	...	FOREI...	
8	0.03	1.00	0.00	0.00	*CDCP	1999	...	MMWR...	
7	0.00	1.00	0.00	0.00	Rignaul...	1989	<i>The 1986</i>	ANN S...	
6	0.00	1.00	0.00	0.00	Brophy...	1994	...	AM J P...	
6	0.00	1.00	0.00	0.00	Mellor SG	1989	<i>Analysis</i>	BRIT J ...	
2	0.00	1.00	0.00	0.00	*WHO	1970	...	HLTH A...	
2	0.00	1.00	0.00	0.00	Adler J	1983	<i>Terrorist</i>	ISRAEL...	
2	0.00	1.00	0.00	0.00	Reinare...	1996	...	RES D...	
2	0.00	1.00	0.00	0.00	Ayalon O	1983	...	STRES...	
2	0.00	1.00	0.00	0.00	Allodi F	1989	...	INT J M...	
2	0.00	1.00	0.00	0.00	Ayalon O	1990	...	LIFE E...	

等待一段时间后得到右侧列表



输入你自己用于标记该输出的名称，点击OK

3.打开RIS格式文献的位置

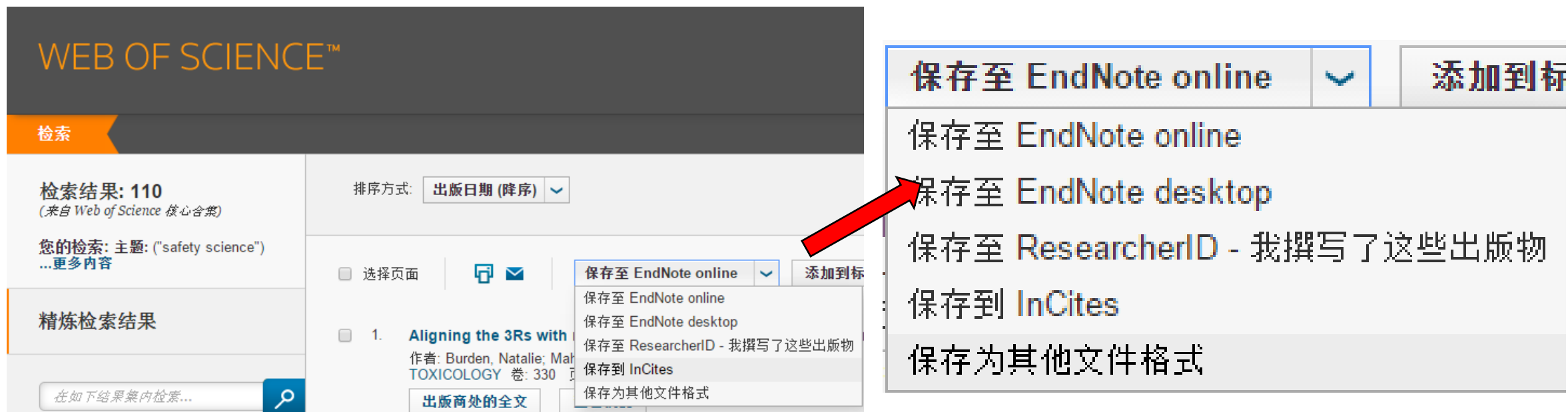


注意：该文件的默认保存的路径是在你建立项目的project文件夹下。
如果你的电脑了Endnote，那么双击打开就自动导入了。

补充

实际上用户在进行数据收集的时候可以顺便从相关数据库中直接导出Endnote可以识别的数据格式，这样就更加方便了。

示例如下：



The image shows a screenshot of the Web of Science interface. The top header displays "WEB OF SCIENCE™". Below it, the search results page is visible, showing "检索结果: 110" and "您的检索: 主题: ('safety science')". A red arrow points to a dropdown menu that is open, showing options for saving the selected item. The options are:

- 保存至 EndNote online
- 保存至 EndNote desktop
- 保存至 ResearcherID - 我撰写了这些出版物
- 保存到 InCites
- 保存为其他文件格式

The dropdown menu is positioned over the search results, which include a list item titled "Aligning the 3Rs with TOXICOLOGY" by Burden, Natalie; Mal... The interface also shows a search bar with the text "在如下结果集内检索..." and a search icon.

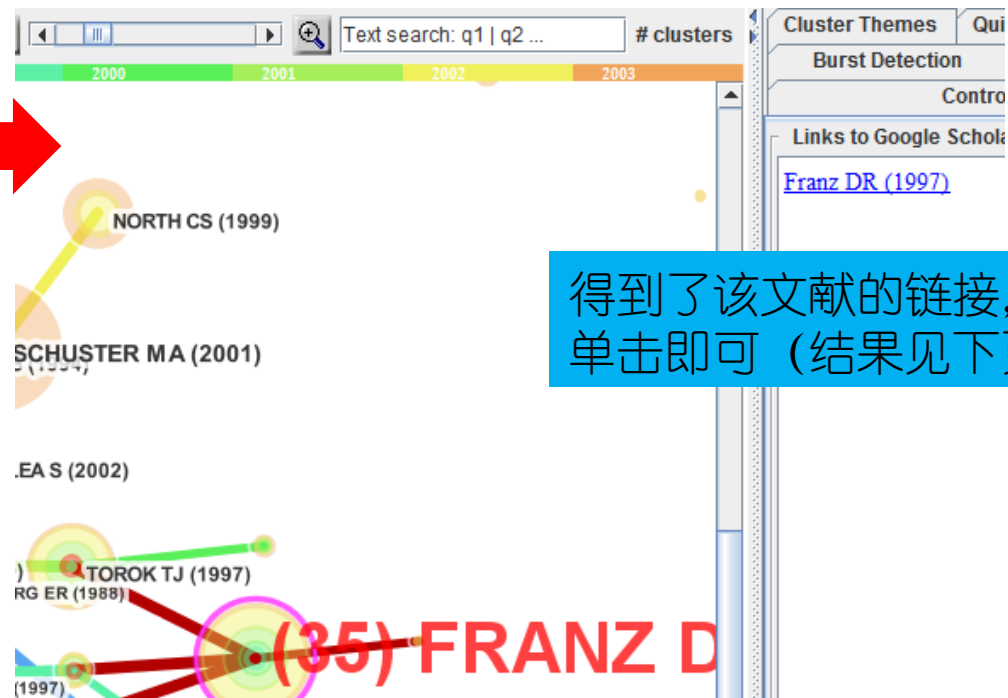
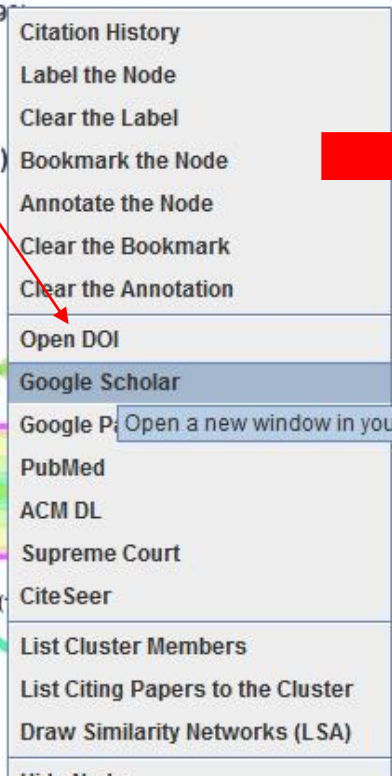
4. 导出单个文献的格式

0 (Density=0.0493)

3707

Open DOI可以直接获取全文地址

鼠标选中某节点，并单击鼠标右键。在点击Google Scholar即可



得到了该文献的链接，单击即可（结果见下页）

4. 导出单个文献的格式

Web Images More...

Google

author:"Franz DR"

Scholar About 37 results (0.04 sec)

Articles

Case law

My library

Any time

Since 2015

Since 2014

Since 2011

Custom range...

DR Franz, PB Jahrling, AM Friedlander, DJ McClain... - *Jama*, 1997 - j
Concern regarding the use of biological agents\ p= m-\ bacteria, viruses
tools of warfare or terrorism has led to measures to deter their use or, f
the consequences. Unlike chemical agents, which typically le
Cited by 802 Related articles All 8 versions Cite Save

Create alert

Go 1 2 3 4 5 6 7 8 9 10

得到该文献的结果。点击Cite得到导出文献界面

Cite

下载所需要的格式，下页以EnoNote为例

Copy and paste a formatted citation or use one of the links to import into a bibliography manager.

MLA Franz, David R., et al. "Clinical recognition and management of patients exposed to biological warfare agents." *Jama* 278.5 (1997): 399-411.

APA Franz, D. R., Jahrling, P. B., Friedlander, A. M., McClain, D. J., Hoover, D. L., Bryne, W. R., ... & Eitzen, E. M. (1997). Clinical recognition and management of patients exposed to biological warfare agents. *Jama*, 278(5), 399-411.

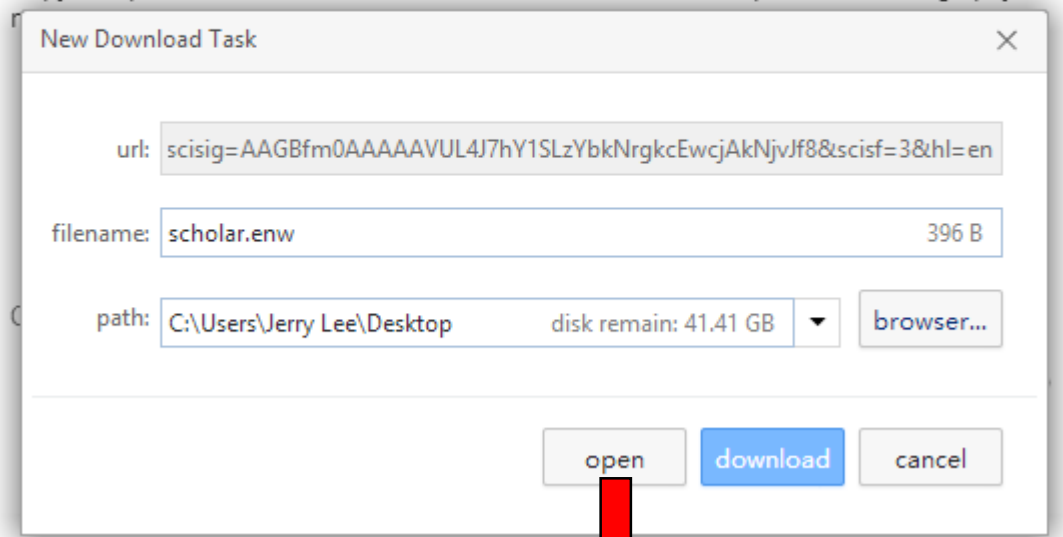
Chicago Franz, David R., Peter B. Jahrling, Arthur M. Friedlander, David J. McClain, David L. Hoover, W. Russell Bryne, Julie A. Pavlin, George W. Christopher, and Edward M. Eitzen. "Clinical recognition and management of patients exposed to biological warfare agents." *Jama* 278, no. 5 (1997): 399-411.

BibTeX EndNote RefMan RefWorks

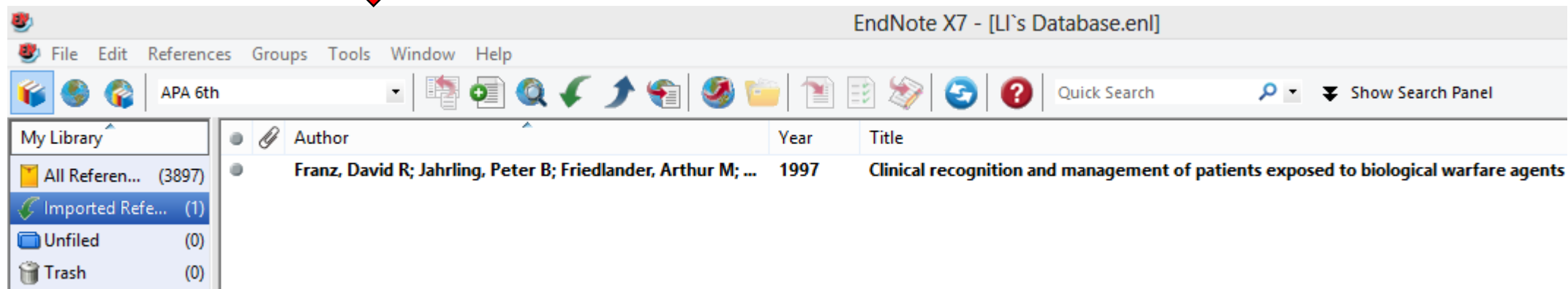
4. 导出单个文献的格式

Cite

Copy and paste a formatted citation or use one of the links to import into a bibliography



更多关于如何使用EndNote进行文献管理的信息参见李杰等. 安全科学技术信息检索基础[M]. 首都经济贸易大学出版社. 2014年9月.



参考文献

1. Chen, C. (2014) The CiteSpace Manual. <https://leanpub.com/howtousecitespace>
2. 李杰, 陈超美. 如何使用CiteSpace的一组示范及常见问题解答 <http://blog.sciencenet.cn/blog-496649-838067.html>
3. 李杰. CiteSpace中文指南. <http://blog.sciencenet.cn/blog-496649-886962.html>
4. 李杰, 陈超美. (2016) CiteSpace科技文本挖掘及可视化[M]. 首都经济贸易大学出版社.
5. 李杰,(2015)安全科学知识图谱导论[M].化学工业出版社.
6. 李杰等,(2014)安全科学技术信息检索基础[M].首都经济贸易大学出版社.
7. 陈悦, 陈超美等 (2014) 引文空间分析原理与应用[M].科学出版社.