



REUTERS/Kim Kyung Hoon

利用情报分析工具助力高校图书馆开展深层次学科服务

—TDA高级培训课程—

张丹丹

汤森路透知识产权与科技集团



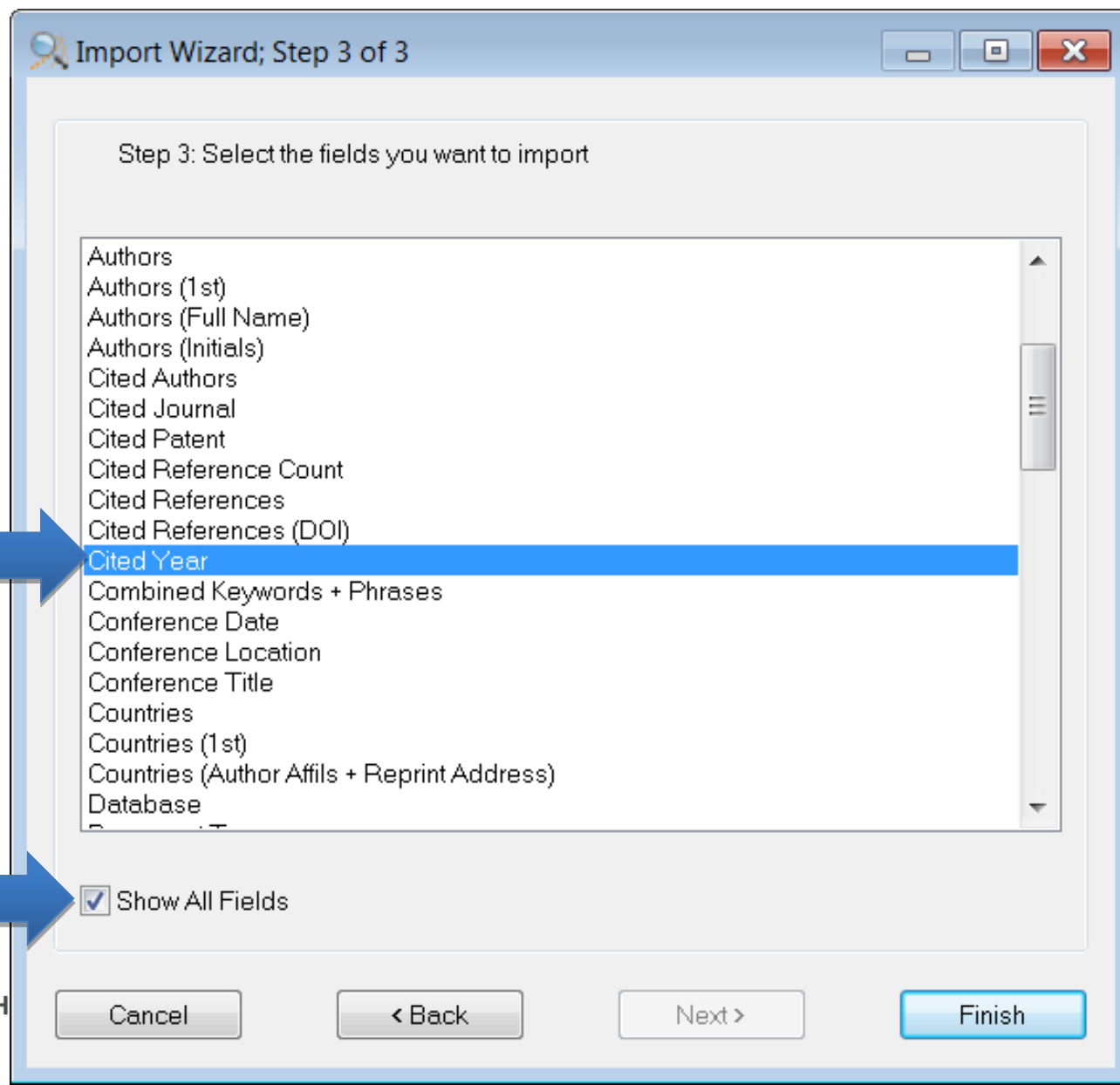
THOMSON REUTERS

提纲

- 如何分析学校论文参考文献的覆盖率
- 如何为期刊论文批量添加影响因子
- 如何建立院系的论文知识库
- 如何分析科研带头人的合作关系
- 如何导出本校作为第一/通讯作者单位的论文



如何分析学校论文参考文献的覆盖率



Thomson Data Analyzer - [TDA2]

File Edit View Sheets Fields Groups Tools Scripts Window Help

List::Cited Year

Title

500 Titles, 0 Selected

0-pi transitions in mesoscopic Jos...
 A "natural" graded Hopf algebra ...
 A complete carbon-nanotube-ba...
 A DFT study on reaction of eupati...
 A generalized Halanay inequality ...
 A Junctionless Nanowire Transisto...
 A label-free, organic transistor-b...
 A lattice hydrodynamical model c...
 A Macroscopic Approach to the L...
 A method to strengthen and tou...

THOMSON REUTERS

**Thomson Data Analyzer
Analyst's Guide (online)**

→ [Your First Analysis](#)

Key Reports:

→ [Company Analysis](#)
 → [Company Comparison](#)
 → [Technology Analysis](#)
 → [Minimum Field Sets for Key](#)

	# Records	# Instances	Cited Year
1	418	1359	2009
2	416	1172	2008
3	411	1495	2010
4	403	1027	2007
5	373	849	2005
6	365	922	2006
7	364	1263	2011
8	319	607	2003
9	317	641	2004
10	299	572	2002
11	276	506	2001
12	236	388	2000
13	203	292	1999
14	192	273	1998
15	167	256	1996
16	166	450	2012
17	157	217	1997
18	131	186	1995
19	116	158	1993
20	97	134	1994
21	93	120	1992
22	76	100	1990
23	69	83	1991
24	61	72	1987

Summary | List::Title | List::Cited Year

TDA2

~Raw Record

1	PT J
1	PT J
1	PT J
1	PT J

Copy
 Copy with Headers
 Select All
 Zoom
 Add Selection to Group...
 Add Selection to Keywords List
 Group Using Stemming (AND)
 Group Using Stemming (OR)
 Remove Colors

Ctrl+A

For Help, press F1

NUM

	A	B	C	D	E	
1		# Records	# Instances	Cited Year		
2	1	418	1359	2009		
3	2	416	1172	2008		
4	3	411	1495	2010		
5	4	403	1027	2007		
6	5	373	849	2005		
7	6	365	922	2006		
8	7	364	1263	2011		
9	8	319	607	2003		
10	9	317	641	2004		
11	10	299	572	2002		
12	11	276	506	2001		
13	12	236	388	2000		
14	13	203	303	1000		

如何为期刊论文批量添加影响因子

WEB OF SCIENCE™



检索

我的工具 ▾

检索历史

标记结果列表

检索结果: 68,765

(来自 Web of Science 核心合集)

您的检索: 机构扩展: (Peking University) ...更多内容

创建跟踪服务

排序方式: 出版日期 (降序) ▾

第 1 页, 共 6,877 页 ▸

☐ 选择页面



保存为其他文件格式 ▾

添加到标记结果列表

保存至 EndNote Online

保存至 EndNote

保存至 ResearcherID - 我撰写了

保存为其他文件格式

保存到 RefWorks

☐ 1.

A Low Complexity Inte

作者: Chen, Jie; Duan, Lin

IEEE SIGNAL PROCESS

172-176 出版年: FEB 2015

分析检索结果

引文报告功能不可用。 [?]

被引频次: 0

(来自 Web of Science 的核心合集)

精

将WOS记录保存为TDA
默认的纯文本格式

Web of Science 类别

☐ CHEMISTRY MULTIDISCIPLINARY (5,212)

☐ CHEMISTRY PHYSICAL (4,205)

☐ MATERIALS SCIENCE MULTIDISCIPLINARY (4,007)

☐ PHYSICS MULTIDISCIPLINARY (3,829)

☐ PHYSICS APPLIED (3,000)

PARTIALLY HYPERBOLIC ATTRACTORS: ENTROPY CONJECTURE AND SRB MEASURES

作者: Lu, Kening

CONTINUOUS DYNAMICAL SYSTEMS 卷: 35 期: 1 页: 341-352 出版年: JAN 2015

被引频次: 0

(来自 Web of Science 的核心合集)

记录数: ☐ 页面上的所有记录

☒ 记录 1 至 500

记录内容

全记录与引用的参考文献 ▾

文件格式

纯文本 ▾

发送

取消



THOMSON REUTERS

Thomson Data Analyzer - [WOS records.vpt]

File Edit View Sheets Fields Groups Tools Scripts Window Help

Summary

Number of Records: 500 Source Database: WoK - WoS (Field-Tagged text)

Source Date: Jun 26 2013 11:16 Source File: C:\Products\TDA\Tips\将ESI分类加入WOS记录\WOS records demo.txt

Field	Number of Items	% Coverage	Data Type	Meta Tags
Abstract	495	99%		
Author Affiliations (1st)	127	100%		Organization
Author Affiliations (City and Country)	233	100%		
Author Affiliations (Organization and City and Country)	505	100%		
Author Affiliations (Organization Only)	437	100%		Organization
Authors	2481	100%		Person
Authors (1st)	469	100%		Person
Combined Keywords + Phrases	19978	100%		
Countries	30	100%		Country
Document Type	5	100%		Document Type
ISI Unique Article Identifier	500	100%		
ISSN	218	100%		
Journal	218	100%		
Keywords (author's)	1910	89%		
Keywords Plus	2627	94%		
Number of Author Affiliations (Name Only)	10	100%	Number	
Number of Authors	16	100%	Number	
Organization Names (Author Affils + Reprint Address)	443	100%		Organization
Publication Type	1	100%		
Publication Year	1	100%	Year	Date
Source	218	100%		
Source Title (Abbrev)	218	100%		
Subject Category	77	100%		
Times Cited	4	100%	Number	
Title	500	100%		Record Title
Web of Science Category	119	100%		
~Raw Record	500	100%		

Summary

WOS record...

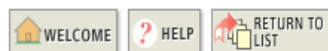
For Help, press

NUM

将导入后的WOS记录
保存在名为WOS
record的VPT文件



THOMSON REUTERS



Marked Journal List

Sorted by: Journal Title ▼ SORT AGAIN

JOURNAL TITLE CHANGES

Journals 1 - 20 (of 500)

Page 1 of 25

CLEAR MARKED LIST

UPDATE MARKED LIST

SAVE TO FILE

FORMAT FOR PRINT

Ranking is based on your journal and sort selections.

Mark	Rank	Abbreviated Journal (linked to journal information)	ISSN	JCR Data ⁱ						Eigenfactor [®] Metrics ⁱ	
				2012 Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	2012 Items	Cited Half-life	Eigenfactor [®] Score	Article Influence [®] Score
☒	1	4OR-Q J OPER RES	1619-4500	270	0.730	1.137	0.030	33	5.4	0.00163	0.635
☒	2	AAOHN J	0891-0162	474	0.856	0.977		0	6.8	0.00084	0.218
☒	3	AAPG BULL	0091-1423	7081	1.768	2.455	0.413	92	>10.0	0.00633	1.019
☒	4	AAPS J	1547-7416	2779	4.386	5.714	0.604	91	4.7	0.00832	1.540
☒	5	AAPS PHARMSCITE				1.906	0.171	164	5.3	0.00595	0.419
☒	6	AATCC REV				1.7	0.067	30	8.3	0.00023	0.063
☒	7	ABDOM IMAGING				1	0.304	125	6.6	0.00454	0.460
☒	8	ABH MATH SEM				1	0.000	10	>10.0	0.00090	0.679
☒	9	ABSTR APPL AN				3	0.349	811	2.3	0.00390	0.358
☒	10	ACAD EMERG M				5	0.445	191	6.9	0.01541	0.882
☒	11	ACAD MED				4	0.795	200	7.5	0.02078	1.194
☒	12	ACAD PEDIATR				7	0.460	63	2.9	0.00365	1.169
☒	13	ACAD RADIOL				0.068	0.480	196	5.9	0.01009	0.638
☒	14	ACCOUNT RES	0898-9621	159	0.756		0.087	23	6.4	0.00038	
☒	15	ACCOUNTS CHEM RES	0001-4842	42112	20.833	24.633	5.295	207	6.5	0.10817	7.908
☒	16	ACCREDIT QUAL ASSUR	0949-1775	671	1.132	0.885	0.190	63	6.1	0.00119	0.190
☒	17	ACI MATER J	0889-325X	2950	0.826	1.414	0.091	66	>10.0	0.00401	0.657
☒	18	ACI STRUCT J	0889-3241	2961	0.806	1.415	0.115	78	>10.0	0.00494	0.759

将JCR期刊列表保存为
Excel文件。

Thomson Data Analyzer - [JCR期刊列表.vpt]

File Edit View Sheets Fields Groups Tools Scripts Window Help

Number of Records: 500 Source Database: Quick Import: JCR 期刊列表 - Sheet1

Source Date: Jul 08 2013 16:57 Source File: C:\Products\TDA\Tips\JCR 期刊列表.xlsx

Field	Number of Items	% Coverage	Data Type	Meta Tags
5-Year Impact Factor	422	89%		
Abbreviated Journal Title	500	100%		
Article Influence Score	389	89%		
Cited Half-Life	81	92%		
Eigenfactor Score	60	100%		
Immediacy Index	334	97%		
Impact Factor	466	99%		
ISSN	500	100%		
{2012} Articles	217	97%		
{2012} Total Cites	457	100%		
~Raw Rec	500	100%		

将Excel格式的JCR期刊列表导入TDA，保存为名为JCR期刊列表的VPT文件。

Summary List:ISSN

JCR期刊列表 WOS recor...

For Help, press F1

CAP NUM



THOMSON REUTERS

Thomson Data Analyzer - [JCR期刊列表.vpt]

File Edit View Sheets Fields Groups Tools Scripts Window Help

Number of Records: 500
Source Date: Jul 08 2013 16:57

Field

- 5-Year Impact Factor
- Abbreviated Journal Title
- Article Influence Score
- Cited Half-Life
- Eigenfactor Score
- Immediacy Index
- Impact Factor
- ISSN
- {2012} Articles
- {2012} Total Cites
- ~Raw Record

Tools menu options:

- Data Fusion...
- Record Fusion...**
- Combine Duplicate Records...
- Remove Duplicate Records...
- Record Classifications...
- Import Filter Editor...
- Thesaurus Editor...
- Fuzzy Editor...
- Options...
- Sheet Properties...
- Customize Toolbars...
- Edit Keyboard Shortcuts...
- Detail Window Colors...

Append records from one dataset to another

列表 - Sheet1

JCR 期刊列表.xlsx

Page Data Type Meta Tags

100%
97%
99%
100%
97%
100%
100%

选择Tools中的
Record Fusion

Summary List:ISSN

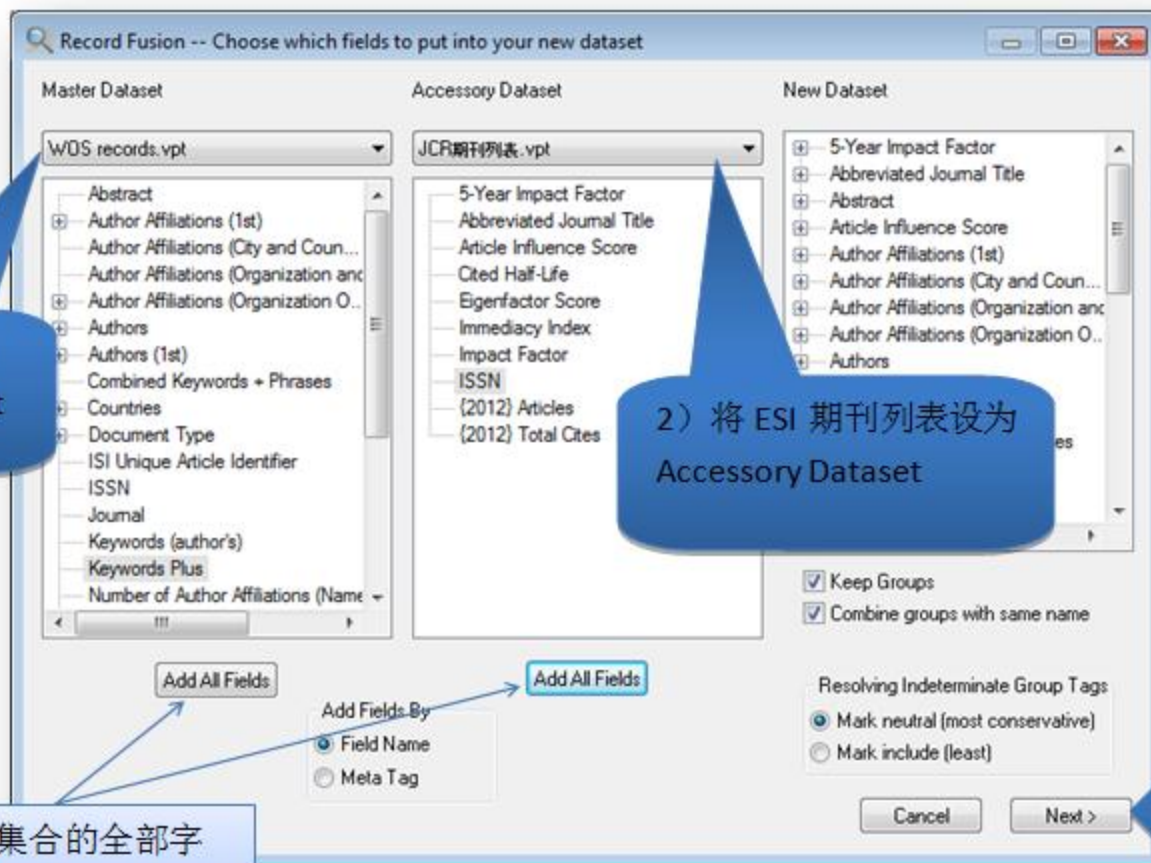
JCR期刊列表 WOS recor...

Append records from one dataset to another

CAP NUM



THOMSON REUTERS



1) 将 WOS records 设为 Master Dataset

2) 将 ESI 期刊列表设为 Accessory Dataset

3) 将两个数据集的全部字段加入到新生成的第三个数据集

4) 点击 Next



THOMSON REUTERS

Choose Fields for Matching

Define which fields you want to use to identify records that should be combined. You can choose up to 3 different fields to match. If you use more than one then each extra field must also match (that is, it is an AND match, not an OR).

If you choose a SUBSET comparison then every item in a particular record from the accessory field must be in the Master Field, but not every item in that record from the Master field has to match. If you choose an exact match then every item in the Master field must also be matched.

Accessory Field	Must ...	Master Field	Match Type	Fuzzy Match Specifications
ISSN	Match Exactly	ISSN	String	

Finish

1) 将 ESI 期刊列表中的 ISSN 字段设为 Accessory Field

2) 为了匹配相同 ISSN 号的记录将匹配规则设为严格匹配

3) 将 WOS records 中的 ISSN 字段设为 Master Field

5) 设定匹配条件后点击 Finish

4) ISSN 号可以作为字符串进行匹配



THOMSON REUTERS

Thomson Data Analyzer



5 master records had accessory records assigned
5 different accessory records were assigned to master records
495 accessory records were discarded

OK



THOMSON REUTERS

Thomson Data Analyzer - [TDA2]

File Edit View Sheets Fields Groups Tools Scripts Window Help

Summary

Number of Records: 500 Source Database: WoK - WoS (Field-Tagged text)

Source Date: Source File: C:\Products\TDA\Tips\将ESI分类加入WOS记录\WOS records demo.txt + C:\Products\TDA\Tips\

Field	Number of Items	% Coverage	Data Type	Meta Tags
5-Year Impact Factor	5	1%		
Abbreviated Journal Title	5	1%		
Abstract	495	99%		
Article Influence Score	5	1%		
Author Affiliations (1st)	127	100%		Organization
Author Affiliations (City and Country)	233	100%		
Author Affiliations (Organization and City and Country)	505	100%		
Author Affiliations (Organization Only)	437	100%		Organization
Authors	2481	100%		Person
Authors (1st)	469	100%		Person
Cited Half-Life	5	1%		
Combined Keywords + Phrases	19978	100%		
Countries	30	100%		Country
Document Type	5	100%		Document Type
Eigenfactor Score	5	1%		
Immediacy Index	5	1%		
Impact Factor	5	1%		
ISI Unique Article Identifier	500	100%		
ISSN	218	100%		
Journal	218	100%		
Keywords (author's)	1910	89%		
Keywords Plus	2627	94%		
Number of Author Affiliations (Name Only)	10	100%	Number	
Number of Authors	16	100%	Number	
Organization Names (Author Affil + Reprint Address)	443	100%		Organization
Publication Type	1	100%		
Publication Year	1	100%	Year	Date
Source	218	100%		
Source Title (Abbrev)	218	100%		
Subject Category	77	100%		
Times Cited	4	100%	Number	
Title	500	100%		Record Title

Summary

JCR期刊列... WOS recor... TDA2

For Help, press F1

CAP NUM

JCR 期刊列
表的字段



THOMSON REUTERS

如何建立院系的论文知识库

Thomson Data Analyzer - [TDA1]

File Edit View Sheets Fields Groups Tools Scripts Window Help

Number of Records: 500 Source Database: WoK - WoS (Field-Tagged text)

Source Date: Jun 28 2013 13:44 Source File: C:\Products\TDA\Tips\提取院系信息\savedrecs.txt

Field	Number of Items	% Coverage	Data Type	Meta Tags
Abstract	433	86%		
Author Affiliations (1st)	161	99%		Organization
Author Affiliations (City and Country)	675	99%		
Author Affiliations (Full)	3293	99%		
Author Affiliations (Organization and City and Country)	1569	99%		
Author Affiliations (Organization)	1380	99%		Organization
Authors	14781	100%		Person
Authors (1st)	408	100%		Person
Combined Keywords + Phrases	16457	100%		
Countries				Country
Document Type				Document Type
ISI Unique Article Identifier				
ISSN				
Journal	187	99%		
Keywords (author's)	626	28%		
Keywords Plus	2608	95%		
Number of Author Affiliations (Name Only)				
Number of Authors				
Organization Names (Author Affil + Reprint Address)				
Publication Type				
Publication Year				
Source				
Source Title (Abbrev)				
Subject Category				
Times Cited				
Title				
Web of Science Category				

双击 Author Affiliations (Full)字段

注意： Author Affiliations (Full)属于二级字段，在导入WOS记录时，过滤器默认导入字段中不包括Author Affiliations (Full)字段。导入WOS记录的Raw Data时，需要勾选 Secondary Field，并选定Author Affiliations (Full) 字段。否则，在工作区中无法看到Author Affiliations (Full)字段。



Thomson Data Analyzer - [demo.vpt]

File Edit View Sheets Fields Groups Tools Scripts Window Help

List: Author Affiliations (Full): Fudan University

	# Records	# Instances	Author Affiliations (Full): Fudan University
11	1	1	Fudan Univ, Dept Biol Chem, Shanghai 20032, Peoples R China
12	1	1	Fudan Univ, Dept Chem & Mol Catalysis, Shanghai 200433, Peoples R China
13	2	2	Fudan Univ, Dept Chem, Lab Mol Catalysis & Innovat Mat, Shanghai 200433, Peoples R China
14	1	1	Fudan Univ, Dept Chem, Laser Chem Inst, Shanghai 200433, Peoples R China
15	5	5	Fudan Univ, Dept Chem, Mol Catalysis & Innovat Mat Lab, Shanghai 200433, Peoples R China
16	29	29	Fudan Univ, Dept Chem, Shanghai 200433, Peoples R China
17	2	2	Fudan Univ, Dept Chem, Shanghai Key Lab Mol Catalysis & Innovat Mat, Key Lab Mol Engr Polymers, Shanghai 200433, Peoples R China
18	5	5	Fudan Univ, Dept Chem, Shanghai Key Lab Mol Catalysis & Innovat Mat, Shanghai 200433, Peoples R China
19	1	1	Fudan Univ, Dept Environm Sci & Engr, Ctr Atmospher Chem Study, Shanghai 200433, Peoples R China
20	1	1	Fudan Univ, Dept Macromol Sci, Adv Mat Lab, Key Lab Mol Engr Polymers, Minist Educ, Shanghai 200433, Peoples R China
21	1	1	Fudan Univ, Dept Macromol Sci, Key Lab Mol Engr Polymers, Shanghai 200433, Peoples R China
22	1	1	Fudan Univ, Dept Macromol Sci, Key Lab Polymer Mol Engr, Minist Educ, Shanghai 200433, Peoples R China
23	1	1	Fudan Univ, Dept Macromol Sci, Minist Educ, Key Lab Mol Engr Polymers, Shanghai 200433, Peoples R China
36	1	1	Fudan Univ, Innovat Mat Lab, Shanghai 200433, Peoples R China
37	1	1	Fudan Univ, Inst Biomed Sci, Mol & Cell Biol Lab, Shanghai 200032, Peoples R China

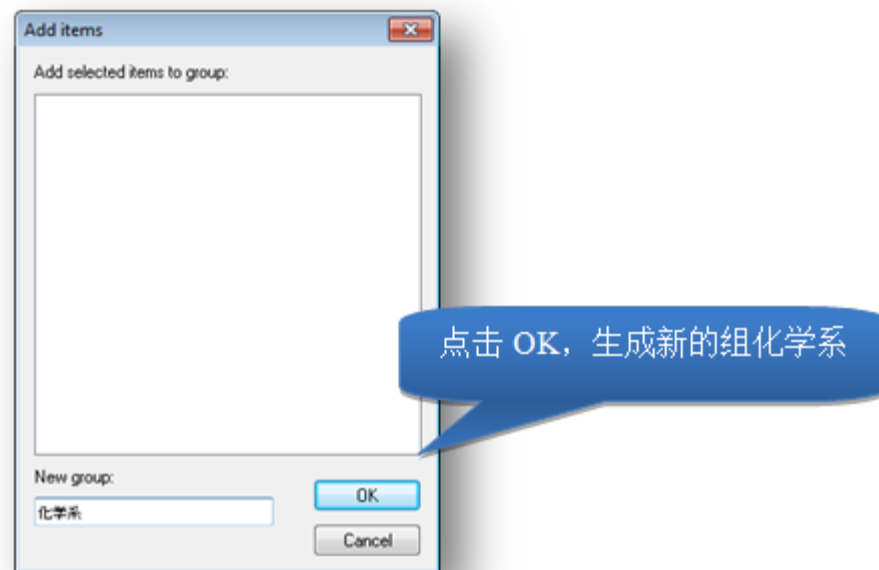
List: Author Affiliations (Full): Fudan University

List: Author Affiliations (Full): Fudan University

Copy
Copy with Headers
Select All Ctrl+A
Zoom
Add Selection to Group...
Add Selection to Keywords List
Group Using Stemming (AND)
Group Using Stemming (OR)
Remove Colors
Sort Ungrouped
Edit Item Text

选择复旦大学化学系相关记录保存为 Group。

- 1) 按住 Ctrl 键不动，同时点击多个复旦大学化学系的记录。
- 2) 在选定的行上点击右键。
- 3) 点击 Add Selection to Group。



I



THOMSON REUTERS

Thomson Data Analyzer - [demo.vpt]

File Edit View Sheets Fields Groups Tools Scripts Window Help

List: Author Affiliations (Full): Fudan University

	# Records	# Instances	Author Affiliations (Full): Fuda	化学系	物理系	材料科学系	医学院	生命科学系	数学系
1	1	1	Fudan Univ, Adv Coatings Res Ctr, Shanghai 200433, Peoples R China						
2	9	9	Fudan Univ, Adv Mat Lab, Shanghai 200433, Peoples R China						
3	1	1	Fudan Univ, Affiliated Shanghai Peoples Hosp 1, Dept Gen Surg, Shanghai 200080, Peoples R China						
4	1	1	Fudan Univ, Affiliated Zhongshan Hosp, Shanghai 20032, Peoples R China						
5	1	1	Fudan Univ, Canc Hosp, Dept Pathol, Shanghai 200433, Peoples R China						
6	1	1	Fudan Univ, Canc Hosp, Shanghai 200433, Peoples R China						
7	1	1	Fudan Univ, Coll Med, EENT Hosp, Dept Otolaryngol, Shanghai 200031, Peoples R China						
8	1	1	Fudan Univ, Ctr Anal & Measurement, Shanghai 200433, Peoples R China						
9	1	1	Fudan Univ, Ctr Med, Jinshan Hosp, Dept Pathol, Shanghai, Peoples R China						
10	1	1	Fudan Univ, Ctr Prote, Inst Biomed Sci, Shanghai 20032, Peoples R China						
11	1	1	Fudan Univ, Dept Biol Chem, Shanghai 20032, Peoples R China						
12	1	1	Fudan Univ, Dept Chem & Mol Catalysis, Shanghai 200433, Peoples R China						
13	2	2	Fudan Univ, Dept Chem, Lab Mol Catalysis & Innovat Mat, Shanghai 200433, Peoples R China						
14	1	1	Fudan Univ, Dept Chem, Laser Chem Inst, Shanghai 200433, Peoples R China						
15	5	5	Fudan Univ, Dept Chem, Mol Catalysis & Innovat Mat Lab, Shanghai 200433, Peoples R China						
16	29	29	Fudan Univ, Dept Chem, Shanghai 200433, Peoples R China						
17	2	2	Fudan Univ, Dept Chem, Shanghai Key Lab Mol Catalysis & Innovat Mat, Key Lab Mol Engrn Polymers, Shangha						
18	5	5	Fudan Univ, Dept Chem, Shanghai Key Lab Mol Catalysis & Innovat Mat, Shanghai 200433, Peoples R China						
19	1	1	Fudan Univ, Dept Environm Sci & Engrn, Ctr Atmospher Chem Study, Shanghai 200433, Peoples R China						
20	1	1	Fudan Univ, Dept Macromol Sci, Adv Mat Lab, Key Lab Mol Engrn Polymers, Minist Educ, Shanghai 200433, Pe						
21	1	1	Fudan Univ, Dept Macromol Sci, Key Lab Mol Engrn Polymers, Shanghai 200433, Peoples R China						
22	1	1	Fudan Univ, Dept Macromol Sci, Key Lab Polymer Mol Engrn, Minist Educ, Shanghai 200433, Peoples R China						
23	1	1	Fudan Univ, Dept Macromol Sci, Minist Educ, Key Lab Mol Engrn Polymers, Shanghai 200433, Peoples R China						
24	2	2	Fudan Univ, Dept Macromol Sci, Shanghai 200433, Peoples R China						
25	3	3	Fudan Univ, Dept Mat Sci, Shanghai 200433, Peoples R China						
26	1	1	Fudan Univ, Dept Mater Sci, Shanghai 200433, Peoples R China						
27	1	1	Fudan Univ, Dept Mol Cell Med Ctr, Shanghai 200032, Peoples R China						

List: Author Affiliations (Full): Fudan University

demo.vpt

For Help, press F1

NUM

将所有记录分配给不同的院系



THOMSON REUTERS

1) 点击 Group 中 Create Thesaurus Using Groups

Thomson Data Analyzer - [demo.vpt]

File Edit View Sheets Fields Groups Tools Scripts Window

Edit Groups... Ctrl+G

List Comparison... Ctrl+R

Group Using Thesaurus...

Create Thesaurus Using Groups... Create a thesaurus from groups in the current list view

Group Using Stemming (AND)

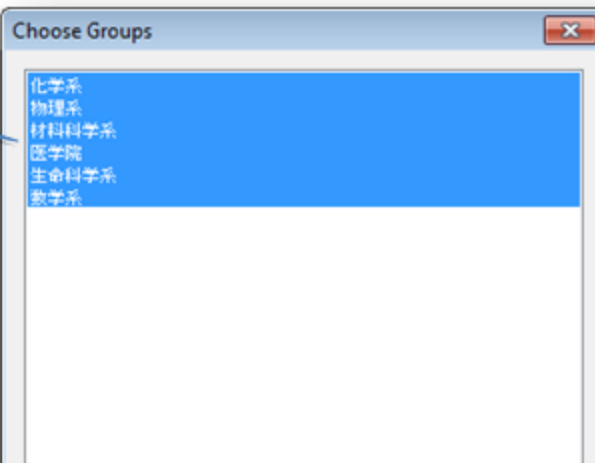
Group Using Stemming (OR)

	#Records	#Instances	Author Affiliations (Full): Fudan University	化学系	物理系	材料科学系	医学院	生命科学系	数学系
1	1	1	Fudan Univ, Adv Coatings Res Ctr, Shanghai 200433, Peoples R China						
2	9	9	Fudan Univ, Adv Mat Lab, Shanghai 200433, Peoples R China						
3	1	1	Fudan Univ, Affiliated Shanghai Peoples Hosp 1, Dept Gen Surg, Shanghai 200080, Peoples R China						
4	1	1	Fudan Univ, Affiliated Zhongshan Hosp, Shanghai 20032, Peoples R China						
5	1	1	Fudan Univ, Canc Hosp, Dept Pathol, Shanghai 200433, Peoples R China						
6	1	1	Fudan Univ, Canc Hosp, Shanghai 200433, Peoples R China						
7	1	1	Fudan Univ, Coll Med, EENT Hosp, Dept Otolaryngol, Shanghai 200031, Peoples R China						
8	1	1	Fudan Univ, Ctr Anal & Measurement, Shanghai 200433, Peoples R China						
9	1	1	Fudan Univ, Ctr Med, Jinshan Hosp, Dept Pathol, Shanghai, Peoples R China						
10	1	1	Fudan Univ, Ctr Prote, Inst Biomed Sci, Shanghai 20032, Peoples R China						
11	1	1	Fudan Univ, Dept Biol Chem, Shanghai 20032, Peoples R China						
12	1	1	Fudan Univ, Dept Chem & Mol Catalysis, Shanghai 200433, Peoples R China						
13	2	2	Fudan Univ, Dept Chem, Lab Mol Catalysis & Innovat Mat, Shanghai 200433, Peoples R China						
14	1	1	Fudan Univ, Dept Chem, Laser Chem Inst, Shanghai 200433, Peoples R China						
15	5	5	Fudan Univ, Dept Chem, Mol Catalysis & Innovat Mat Lab, Shanghai 200433, Peoples R China						
16	29	29	Fudan Univ, Dept Chem, Shanghai 200433, Peoples R China						
17	2	2	Fudan Univ, Dept Chem, Shanghai Key Lab Mol Catalysis & Innovat Mat, Key Lab Mol Engrn Polymers, Shanghai						
18	5	5	Fudan Univ, Dept Chem, Shanghai Key Lab Mol Catalysis & Innovat Mat, Shanghai 200433, Peoples R China						
19	1	1	Fudan Univ, Dept Environm Sci & Engrn, Ctr Atmospher Chem Study, Shanghai 200433, Peoples R China						
20	1	1	Fudan Univ, Dept Macromol Sci, Adv Mat Lab, Key Lab Mol Engrn Polymers, Minist Educ, Shanghai 200433, Pe						
21	1	1	Fudan Univ, Dept Macromol Sci, Key Lab Mol Engrn Polymers, Shanghai 200433, Peoples R China						
22	1	1	Fudan Univ, Dept Macromol Sci, Key Lab Polymer Mol Engrn, Minist Educ, Shanghai 200433, Peoples R China						
23	1	1	Fudan Univ, Dept Macromol Sci, Minist Educ, Key Lab Mol Engrn Polymers, Shanghai 200433, Peoples R China						
24	2	2	Fudan Univ, Dept Macromol Sci, Shanghai 200433, Peoples R China						
25	3	3	Fudan Univ, Dept Mat Sci, Shanghai 200433, Peoples R China						
26	1	1	Fudan Univ, Dept Mater Sci, Shanghai 200433, Peoples R China						
27	1	1	Fudan Univ, Dept Mol Med, Med Ctr, Shanghai 200032, Peoples R China						

List: Author Affiliations (Full): Fudan University



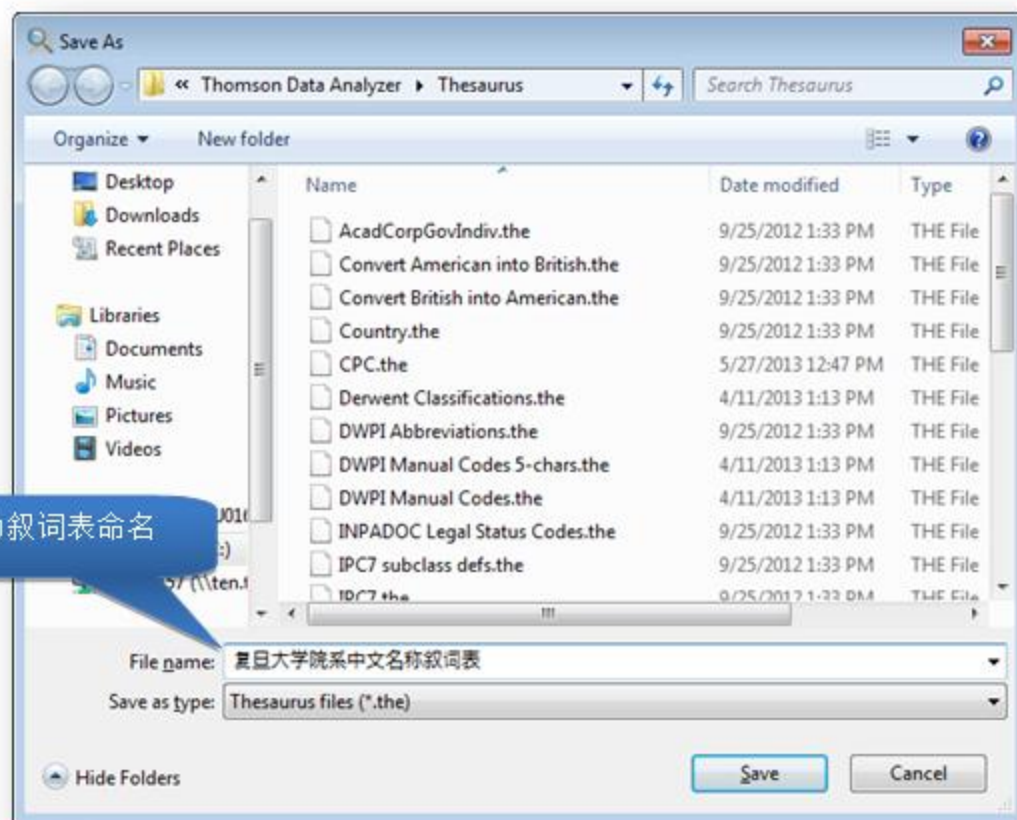
2) 选择全部院系 Group



3) 点击 OK



4) 为叙词表命名



THOMSON REUTERS

Thomson Data Analyzer - [demo.vpt]

File Edit View Sheets Fields Groups Tools Scripts Window Help

Summary

Number of Records: 500 Source Database: WoK - WoS (Field-Tagged text)

Source Date: Jun 28 2013 13:44 Source File: C:\Products\TDA\Tips\提取院系信息\savedrecs.txt

Field	Number of Items	% Coverage	Data Type	Meta Tags
Abstract	433	86%		
Abstract (NLP) (Phrases)	13142	86%		
Abstract (NLP) (Words)	11105			
Author Affiliations (1st)	161			
Author Affiliations (City and Country)	675			
Author Affiliations (Full)	3293			
Author Affiliations (Full): Fudan University	103	27%		
Author Affiliations (Full): Fudan University: Read	53	27%		
Author Affiliations (Full): Fudan University: Read	1569	99%		
Author Affiliations (Organization and City and Co	1380	99%		Organization
Authors	14781	100%		Person
Authors (1st)	408	100%		Person
Authors (Full Name)	14797	100%		Person
Authors (Initials)	13672	100%		Person
Cited Authors	17893	100%		Person
Cited Journal	4201	100%		
Cited Patent	1	0%		
Cited Reference Count	131	100%	Number	
Cited References	26102	100%		
Cited References (DOI)	19896	99%		
Cited Year	109	100%	Year	
Combined Keywords + Phrases	16457	100%		
Conference Date	11	2%		
Conference Location	11	2%		
Conference Title	11	2%		
Countries	71	99%		Country
Countries (1st)	24	99%		Country
Countries (Author Affil + Reprint Address)	71	100%		Country
Database	1	100%		
Document Type	7	100%		Document Type
DOI	474	94%		

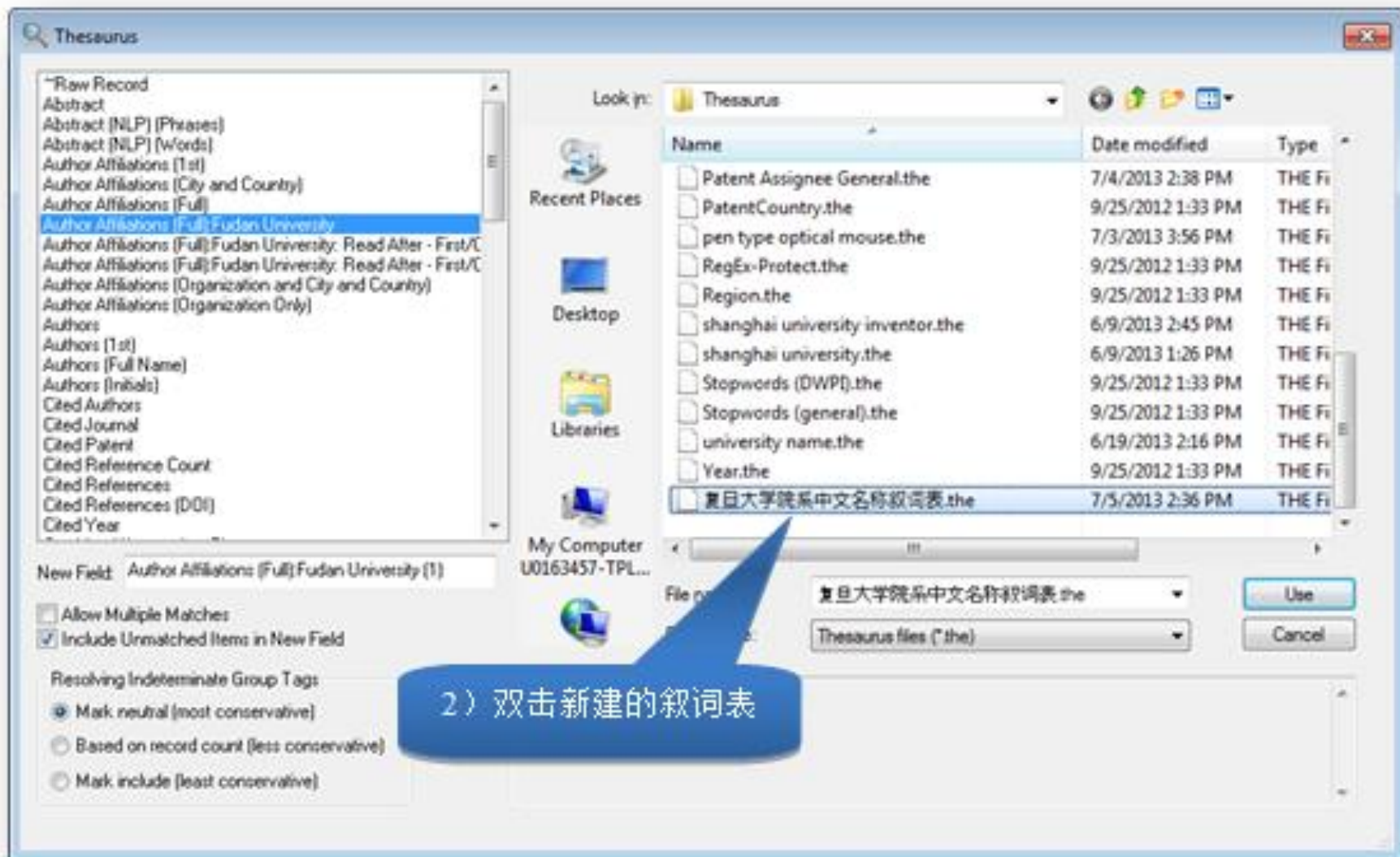
1) 点击 Thesaurus

Create List
List Cleanup...
Thesaurus...
Find and Replace...
Further Processing
Extract My Keywords
Rename Field...
Copy Field...
Set Data Type
Set Meta Tags...
Delete Field...
View Statistics...
Zoom

Summary List: Author Affiliations (Full) List: Author Affiliations

demo.vpt

NUM



Thomson Data Analyzer - [demo.vpt]

File Edit View Sheets Fields Groups Tools Scripts Window Help

List: Author Affiliations (Full): Fudan University

	# Records	# Instances	Author Affiliations (Full): Fudan University	化学系	物理系	材料科学系	医学院	生命科学系	数学系
1	58	67	医学院	☐	☐	☐	☒	☐	☐
2	46	46	化学系	☒	☐	☐	☐	☐	☐
3	31	37	生命科学系	☐	☐	☐	☐	☒	☐
4	19	21	材料科学系	☐	☐	☒	☐	☐	☐
5	7	7	物理系	☐	☒	☐	☐	☐	☐
6	3	3	数学系	☐	☐	☐	☐	☐	☒

List: Author Affiliations (Full): Fudan University | List: Author A

demo.vpt

NUM



THOMSON REUTERS

Thomson Data Analyzer - [demo.vpt]

File Edit View Sheets Fields Groups Tools Scripts Window Help

Number of Records: 500 Source Database: WoK - WoS (Field-Tagged text)

Source Date: Jun 28 2013 13:44 Source File: C:\Products\TDA\Tips\提取院系信息\savedrecs.txt

Field	Number of Items	% Coverage	Data Type	Meta Tags
Abstract	433	86%		
Abstract (NLP) (Phrases)	13142	86%		
Abstract (NLP) (Words)	11105	86%		
Author Affiliations (1st)	161	99%		Organization
Author Affiliations (City and Country)	675	99%		
Author Affiliations (Full)	3293	99%		
Author Affiliations (Full):Fudan University	103	27%		
Author Affiliations (Full):Fudan University (1)	6	27%		
Author Affiliations (Full):Fudan University: Read After First/Comma	103	27%		
Author Affiliations (Full):Fudan University: Read After First/Comma: Read Un	53	27%		
Author Affiliations (Organization and City and Country)	1569	99%		
Author Affiliations (Organization Only)	1380	99%		Organization
Authors	14781	100%		Person
Authors (1st)	408	100%		Person
Authors (Full Name)				Person
Authors (Initials)				Person
Cited Authors				Person
Cited Journal				
Cited Patent				
Cited Reference Count				
Cited References				
Cited References (DOI)	19896	99%		
Cited Year	109	100%	Year	
Combined Keywords + Phrases	16457	100%		
Conference Date	11	2%		
Conference Location	11	2%		
Conference Title	11	2%		
Countries	71	99%		Country
Countries (1st)	24	99%		Country
Countries (Author Affil + Reprint Address)	71	100%		Country
Database	1	100%		
Document Type	7	100%		Document Type

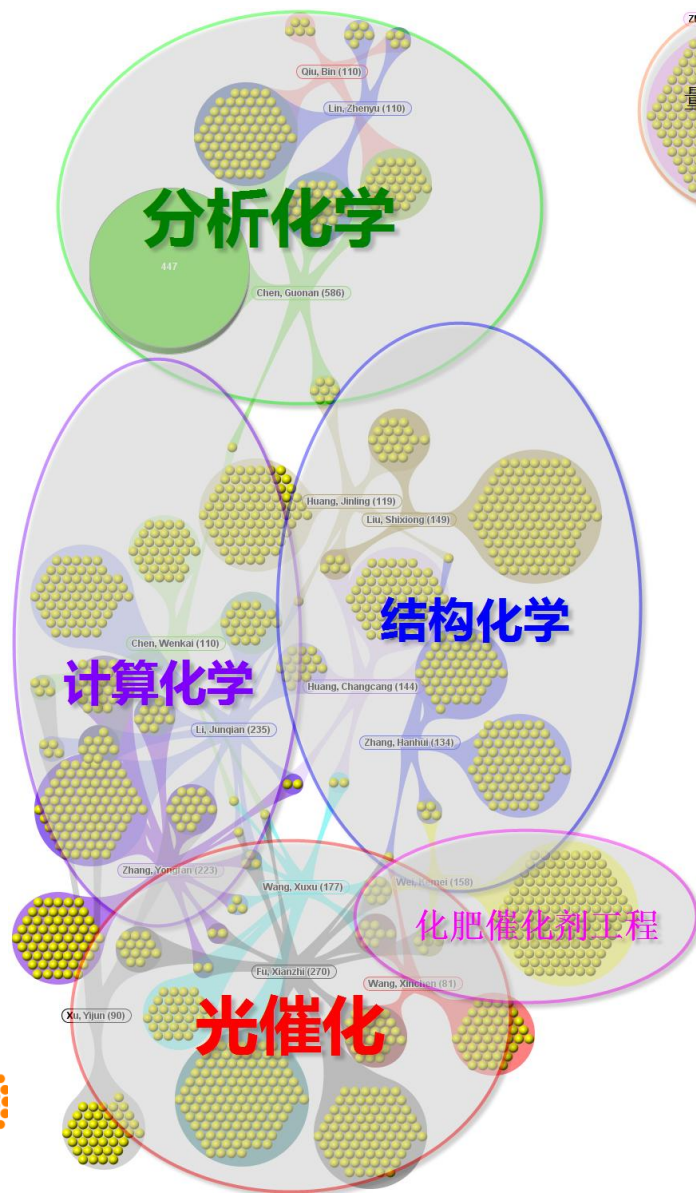
3) 在 Summary 中出现新的字段 Author Affiliations (Full)-Fudan University (1)

Summary List: Author Affiliations (Full):Fudan University (1)

demo.vpt

NUM

如何分析科研带头人的合作关系



X大学学术带头人之间的合作关系



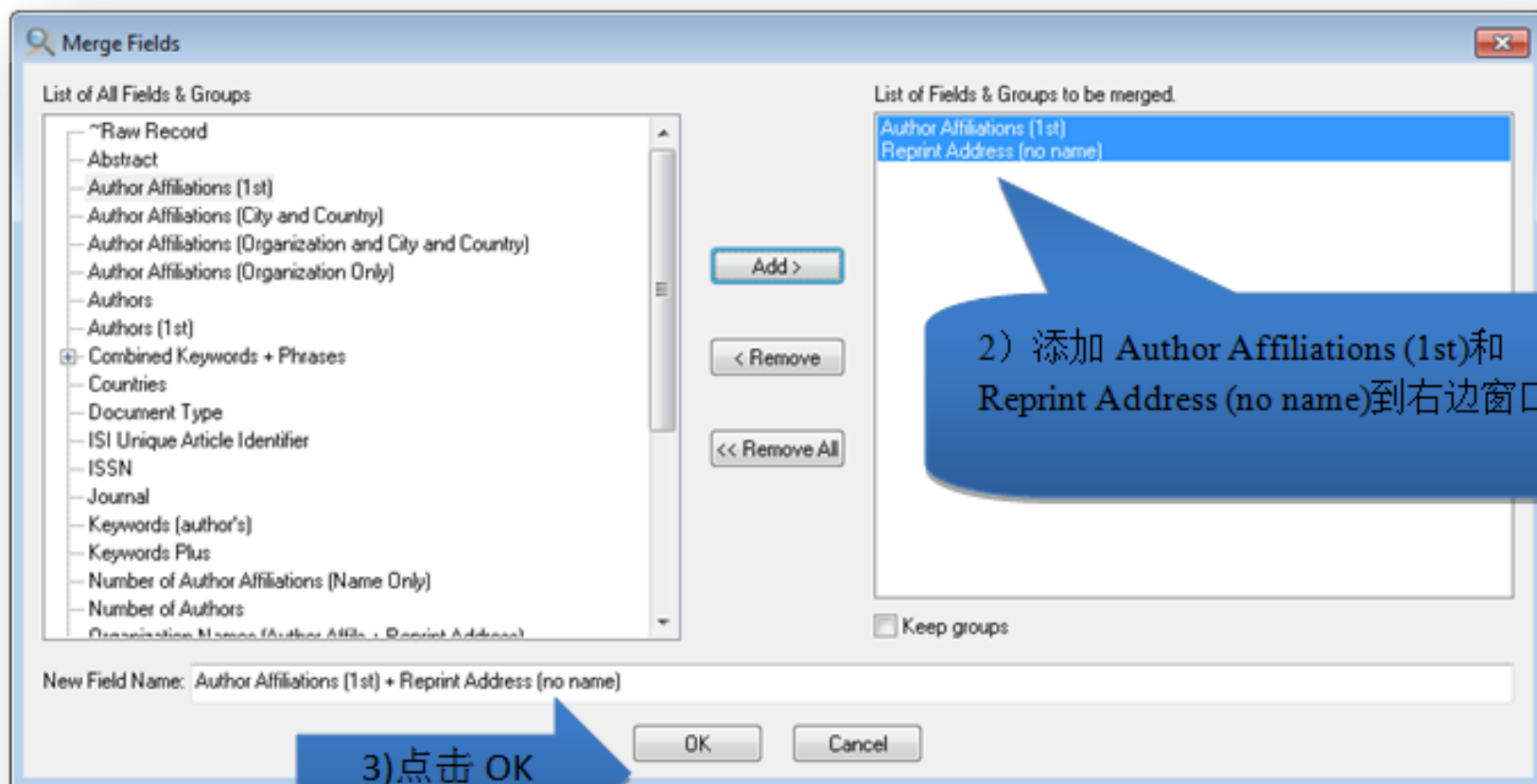
如何导出本校作为第一/通讯作者单位的论文

1. 将第一作者地址和通信作者地址字段合并。

The screenshot shows the Thomson Data Analyzer interface with the 'Fields' menu open. The 'Merge Fields...' option is highlighted. A blue callout bubble points to this option with the text '1) 选择 Merge Fields'. The background shows a list of fields and a table of statistics.

Field	Number of Items	% Coverage	Data Type	Meta Tags
Abstract	495	99%		
Author Affiliations (1st)	127	100%		Organization
Author Affiliations (City and Country)	233	100%		
Author Affiliations (Organizational)	505	100%		Organization
Author Affiliations (Organizational)				Person
Authors				Person
Authors (1st)				Person
Combined Keywords + Phrase				Country
Countries				Document Type
Document Type	5	100%		
ISI Unique Article Identifier	500	100%		
ISSN	218	100%		
Journal	218	100%		
Keywords (author's)	1910	89%		
Keywords Plus	2627	94%		
Number of Author Affiliations (Name Only)	10	100%	Number	
Number of Authors	16	100%	Number	
Organization Names (Author Affil + Reprint Address)	443	100%		Organization
Publication Type	1	100%		
Publication Year	1	100%	Year	Date
Reprint Address (no name)	428	100%		
Reprint Author	460	100%		Person
Source	218	100%		
Source Title (Abbrev)	218	100%		
Subject Category	77	100%		
Times Cited	4	100%	Number	
Title	500	100%		Record Title
Web of Science Category	119	100%		
~Raw Record	500	100%		





2. 为 XX 大学的第一作者和通信作者建立 Group。

Thomson Data Analyzer - [WOS records.vpt]

File Edit View Sheets Fields Groups Tools Scripts Window Help

Number of Records: 500 Source Database: WoK - WoS (Field-Tagged text)

Source Date: Jun 26 2013 11:16 Source File: C:\Products\TDAlTps\将ESI分类加入WOS记录\WOS records demo.bd

Field	Number of Items	% Coverage	Data Type	Meta Tags
Abstract	495	99%		
Author Affiliations (1st)	127	100%		Organization
Author Affiliations (1st) + Reprint Address (no name)	555	100%		Organization
Author Affiliations (City and Country)	233	100%		
Author Affiliations (Organization and City and Country)	505	100%		
Author Affiliations (Organization Only)	437	100%		Organization
Authors		100%		Person
Authors (1st)	469	100%		Person
Combined Keywords + Phrases	19976	100%		
Countries	30	100%		
Document Type	5	100%		
ISI Unique Article Identifier	500	100%		
ISSN	218	100%		
Journal	218	100%		
Keywords (author's)	1910	88%		
Keywords Plus	2627	94%		
Number of Author Affiliations (Name Only)	10	100%		
Number of Authors	16	100%		
Organization Names (Author Affil + Reprint Address)	443	100%		
Publication Type	1	100%		
Publication Year	1	100%	Year	Date
Reprint Address (no name)	428	100%		
Reprint Author	460	100%		Person
Source	218	100%		
Source Title (Abbrev)	218	100%		
Subject Category	77	100%		
Times Cited	4	100%	Number	
Title	500	100%		Record Title
Web of Science Category	119	100%		
~Raw Record	500	100%		

Summary List: Author Affiliations (1st) + ReprintAddress (no name)

WOS record...

NUM

1) 在 Summary 中会出现一个融合后的新字段，左键双击该字段。



Thomson Data Analyzer - [WOS records.vpt]

File Edit View Sheets Fields Groups Tools Scripts Window Help

List: Author Affiliations (1st) + Reprint Address

	# Records	# Instances	Author Affiliations (1st) + Reprint Address
1	307	307	Chinese Acad Sci
2	7	7	Univ Sci & Technol China
3	6	6	Univ Chinese Acad Sci
4	6	6	Xidian Univ
5	5	5	Chinese Acad Sci, Inst Geog Sci & Nat Resources Res, Beijing 100101, Peoples R China
6	5	5	Chinese Acad Sci, Nanjing Inst Geog & Limnol, State Key Lab Lake Sci & Environm, Nanjing 210008, Peoples R China
7	5	5	Peking Univ
8	5	5	S China Univ Technol
9	5	5	Wuhan Univ
10	4	4	China Univ Geosci
11	4	4	Chinese Acad Sci, Inst Met Res, Shenyang Natl Lab Mat Sci, 72 Wenhua Rd, Shenyang 110016, Peoples R China
12	4	4	Chinese Acad Sci, Xian Inst Opt & Precis Mech, State Key Lab Transient Opt & Photon, Xian 710119, Peoples R China
13	4	4	Chinese Acad Sci, Xinjiang Inst Ecol & Geog, State Key Lab Desert & Oasis Ecol, Urumqi 830011, Peoples R China
14	3	3	Beijing Normal Univ
15	3	3	Beijing Univ Posts & Telecommun
16	3	3	Chinese Acad Sci, Acad Math & Syst Sci, Beijing 100190, Peoples R China
17	3	3	Chinese Acad Sci, Changchun Inst Appl Chem, State Key Lab Polymer Phys & Chem, Changchun 130022, Peoples R China
18	3	3	Chinese Acad Sci, Natl Lab Pattern Recognit, 95 Zhongguancun East Rd, Beijing 100190, Peoples R China
19	3	3	Chinese Acad Sci, Inst Geog Sci & Nat Resources Res, State Key Lab Resources & Environm Informat Syst, Beijing 100101, Peoples R China
20	3	3	Chinese Acad Sci, Inst Geol & Geophys, Key Lab Mineral Resources, Beijing 100029, Peoples R China
21	3	3	Chinese Acad Sci, Inst Soil Sci, State Key Lab Soil & Sustainable Agr, Nanjing 210008, Jiangsu, Peoples R China
22	3	3	Chinese Acad Sci, Shanghai Inst Ceram, CAS Key Lab Mat Energy Convers, 1295 Dingxi Rd, Shanghai 200050, Peoples R China
23	3	3	Dalian Univ Technol
24	3	3	E China Univ Sci & Technol
25	3	3	Jinan Univ

List: Author Affiliations (1st) + Reprint Address (no name) | List: Auth |

WOS record...

NUM

2) 双击标题栏，对 List 进行排序。



THOMSON REUTERS

Thomson Data Analyzer - [WOS records.vpt]

File Edit View Sheets Fields Groups Tools Scripts Window Help

List: Author Affiliations (1st) + Reprint Address

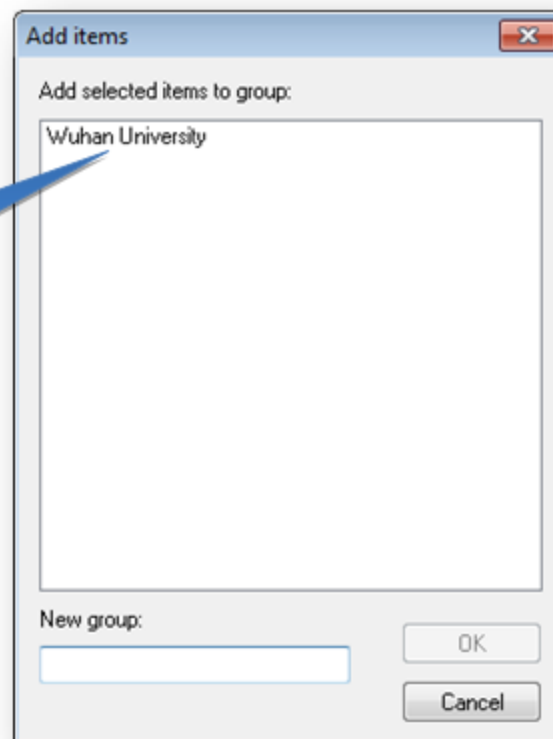
	# Records	# Instances	Author Affiliations (1st) + Reprint Address
520	1	1	Wenzhou Med Coll
521	1	1	Wenzhou Med Coll, Affiliated Hosp 2, Dept Orthoped Surg, Wenzhou 325000, Zhejiang, Peoples R China
522	1	1	Wenzhou Univ
523	1	1	Wenzhou Univ, Inst Intelligent Syst & Decis, Wenzhou, Zhejiang, Peoples R China
524	1	1	Wuhan Polytech Univ
525	5	5	Wuhan Univ
526	1	1	Wuhan Univ Sci & Technol
527	1	1	Wuhan Univ Sci & Technol, Coll Chem Engrg & Technol, Hubei Key Lab Coal Convers & New Carbon Mat, Wuhan 430081, Peoples R China
528	1	1	Wuhan Univ, Dept Elect Sci & Technol, Sch Phys & Technol, Key Lab Artificial Micro & Nanostruct, Minist Educ, Wuhan 430072, Hubei, Peoples R China
529	1	1	Wuhan Univ, Key Lab Artificial Micro & Nanostruct, Minist Educ, Sch Phys & Technol, Wuhan 430072, Peoples R China
530	1	1	Wuhan Univ, Natl Engrg Res Ctr Multimedia Software, Wuhan 430072, Peoples R China
531	1	1	Wuhan Univ, Sch Phys & Technol, Wuhan 430072, Peoples R China
532	1	1	Wuhan Univ, Sch Resource & Environm Sci, Wuhan 430079, Peoples R China
533	1	1	Wuhan Univ, State Key Lab Informat Engrg Surveying Mapping & R, Wuhan 430079, Peoples R China
534	3	3	Xi An Jiao Tong Univ
535	1	1	Xi An Jiao Tong Univ, Sch Math & Stat, Xian 710049, Peoples R China
536	1	1	Xi An Jiao Tong Univ, Sch Sci, Minist Educ, Key Lab Nonequilibrium Synth & Modulat Condensed, Xian 710049, Peoples R China
537	1	1	Xiamen Univ
538	1	1	Xiamen Univ Technol
539	1	1	Xiamen Univ Technol, Water Resources & Environm Inst, Jimei Rd 600, Xiamen 361024, Fujian, Peoples R China
540	1	1	Xiamen Univ, Dept Chem & Biochem Engrg, Coll Chem & Chem Engrg, 422 Spring, Xiamen 361024, Fujian, Peoples R China
541	1	1	Xian Modern Chem Res Inst
542	6	6	Xidian Univ
543	1	1	Xidian Univ, Life Sci Res Ctr, Sch Life Sci, Xidian Univ, Xi'an 710071, Peoples R China

Copy
Copy with Headers
Select All Ctrl+A
Zoom
Add Selection to Group...
Add Selection to Keywords List
Group Using Stemming (AND)
Group Using Stemming (OR)
Remove Colors
Edit Item Text

NUM

3) 选择全部武汉大学地址，在选中区域点击右键，在弹出菜单中点击 Add Selection to Group。

4) 组的名字保存为
Wuhan University。



3. 为武汉大学建立独立的字段和列表。

Thomson Data Analyzer - [WOS records.vpt]

File Edit View Sheets Fields Groups Tools Scripts Window Help

Import More Fields

- Rename Field...
- Copy Field...
- Delete Field...
- Merge Fields...
- Create Field From Group Items...**
- Create Field From Group Names...
- Thesaurus...
- Find and Replace...
- List Cleanup...
- Resume Saved List Cleanup...
- Create Key Field Ctrl+K
- Extract Nearby Phrases...
- Further Processing

Create a new field that contains the items in a group

Author Affiliations (1st) + Reprint Address

Author Affiliations (1st) + Reprint Address

Wuhan University

520 1 1 ...

521 1 1 ...

522 1 1 ...

523 1 1 ...

524 1 1 ...

525 1 1 ...

526 1 1 ...

527 1 1 ...

528 1 1 ...

529 1 1 ...

530 1 1 ...

531 1 1 ...

532 1 1 ...

533 1 1 ...

534 1 1 ...

535 1 1 ...

536 1 1 ...

537 1 1 ...

538 1 1 ...

539 1 1 ...

540 1 1 ...

541 1 1 ...

542 6 6 ...

543 1 1 ...

1) 点击 Create Field From Group Items.

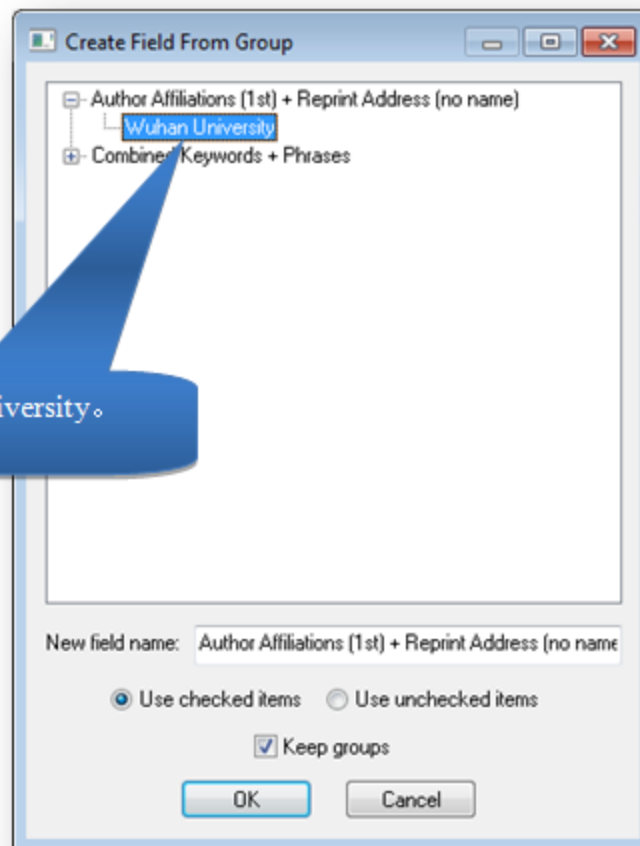
WOS record...

Create a new field that contains the items in a group

NUM



2) 选择 Wuhan University。



THOMSON REUTERS

Thomson Data Analyzer - [WOS records.vpt]

File Edit View Sheets Fields Groups Tools Scripts Window Help

List: Author Affiliations (1st) + Reprint Address

	# Records	# Instances	Author Affiliations (1st) + Reprint Address	Wuhan University
1	5	5	Wuhan Univ	
2	1	1	Wuhan Univ Sci & Technol	
3	1	1	Wuhan Univ Sci & Technol, Coll Chem Engn & Technol, Hubei Key Lab Coal Convers & New Carbon Mat, Wuhan 430081, Peoples R China	
4	1	1	Wuhan Univ, Dept Elect Sci & Technol, Sch Phys & Technol, Key Lab Artificial Micro & Nanostruct, Minist Educ, Wuhan 430072, Hubei, Peoples R China	
5	1	1	Wuhan Univ, Key Lab Artificial Micro & Nanostruct, Minist Educ, Sch Phys & Technol, Wuhan 430072, Peoples R China	
6	1	1	Wuhan Univ, Natl Engn Res Ctr Multimedia Software, Wuhan 430072, Peoples R China	
7	1	1	Wuhan Univ, Sch Phys & Technol, Wuhan 430072, Peoples R China	
8	1	1	Wuhan Univ, Sch Resource & Environm Sci, Wuhan 430079, Peoples R China	
9	1	1	Wuhan Univ, State Key Lab Informat Engn Surveying Mapping & R, Wuhan 430079, Peoples R China	

List: Author Affiliations (1st) + Reprint Address (no name) | List: Author

WOS record...

For Help, press F1

NUM



THOMSON REUTERS

Thomson Data Analyzer - [WOS records.vpt]

File Edit View Sheets Fields Groups Tools Scripts Window Help

Summary

Number of Records: 500 Source Database: WoK - WoS (Field-Tagged text)

Source Date: Jun 26 2013 11:16 Source File: C:\Products\TDA\Tips\将ES分类加入WOS记录\WOS records demo.txt

Field	Number of Items	% Coverage	Data Type	Meta Tags
Abstract	495	99%		
Author Affiliations (1st)	127	100%		Organization
Author Affiliations (1st) + Reprint Address (no name)	555	100%		Organization
Author Affiliations (1st) + Reprint Address (no name) Wuhan University	9	1%		Organization
Author Affiliations (City and Country)	33	100%		
Author Affiliations (Organization and City and Country)	205	100%		
Author Affiliations (Organization Only)	437	100%		Organization
Authors	2481	100%		Person
Authors (1st)	469	100%		Person
Combined Keywords + Phrases	19978	100%		
Countries	30	100%		Country
Document Type	5	100%		Document Type
ISI Unique Article Identifier	500	100%		
ISSN	218	100%		
Journal	218	100%		
Keywords (author)	1910	89%		
Keywords (document)		94%		
Number of Citations		100%	Number	
Number of References		100%	Number	
Organization		100%		Organization

武汉大学作为第一作者或通讯作者单位的有 9 个院系 (含名称变体)

Done NUM



THOMSON REUTERS

5. 将武汉大学的第一作者或通讯作者的文章导出。

Thomson Data Analyzer - [WOS records.vpt]

File Edit View Sheets Fields Groups Tools Scripts Window Help

Open... Ctrl+O

Close

Save Ctrl+S

Save As...

Create Sub-dataset... Ctrl+N

Import Raw Data File (Use Import Filter)... Ctrl+I

Import Database Table (Excel, Access, etc.)...

Import XML (Smart Data Exchange)

Import XML (Wizard)

Export Fielded Records...

Export Raw Records...

Export 3D Co-occurrence Matrix...

Print... Ctrl+P

Print Preview...

Page Setup...

Dataset Properties...

Database: WoK - WoS (Field-Tagged text)

Source File: C:\Products\TDA\Tips\将ES分类加入WOS记录\WOS records demo.txt

	Number of Items	% Coverage	Data Type	Meta Tags
	495	99%		
	127	100%		Organization
	555	100%		Organization
ity	9	1%		Organization
	233	100%		
Export records to a file	505	100%		
	437	100%		Organization
	2481	100%		Person
	489	100%		Person
	19978	100%		
	30	100%		Country
	5	100%		Document Type
	500	100%		
	218	100%		
	218	100%		
	1910	89%		
	2827	94%		
	10	100%	Number	
	18	100%	Number	
	443	100%		Organization

Press (no name)

NUM

导出记录

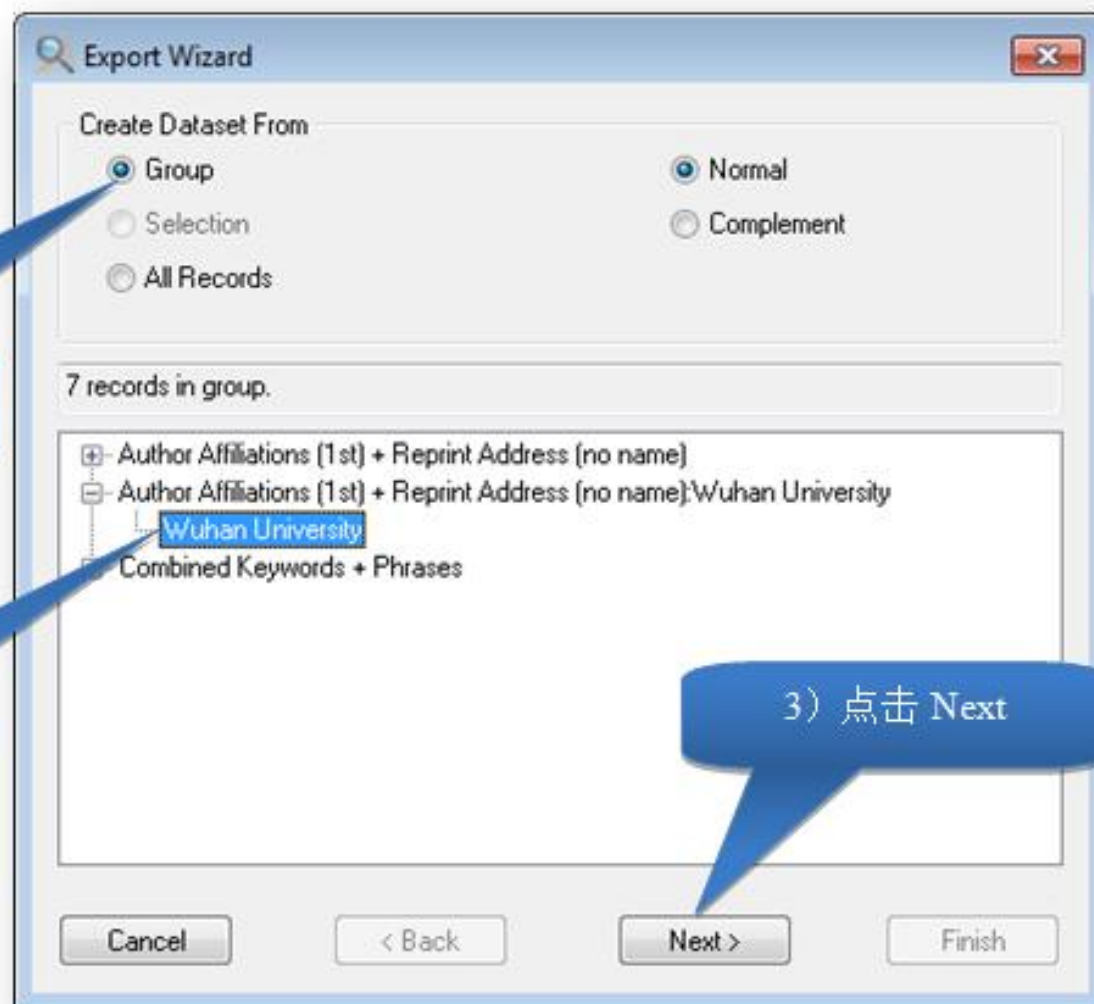


THOMSON REUTERS

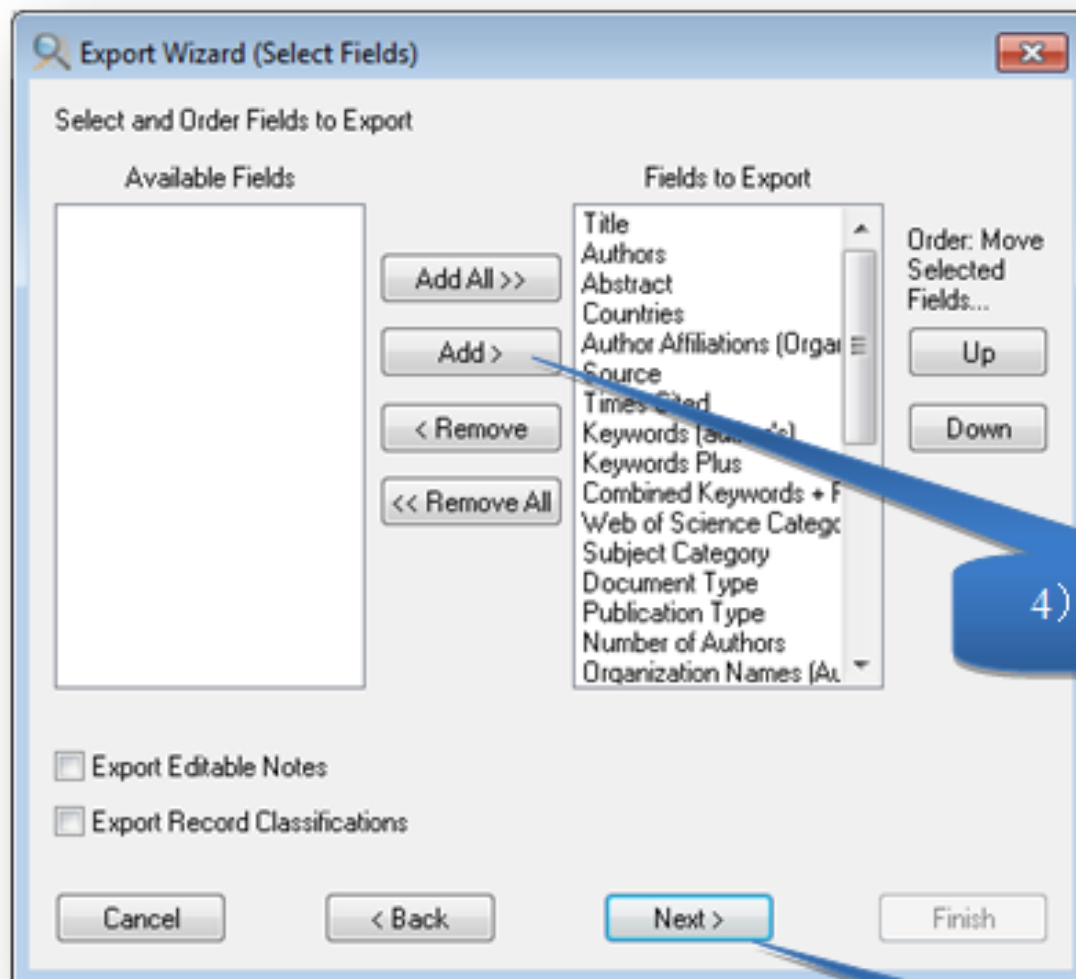
1) 选择 Group 的方式

2) 选择为武汉大学
创建的 Group

3) 点击 Next



THOMSON REUTERS

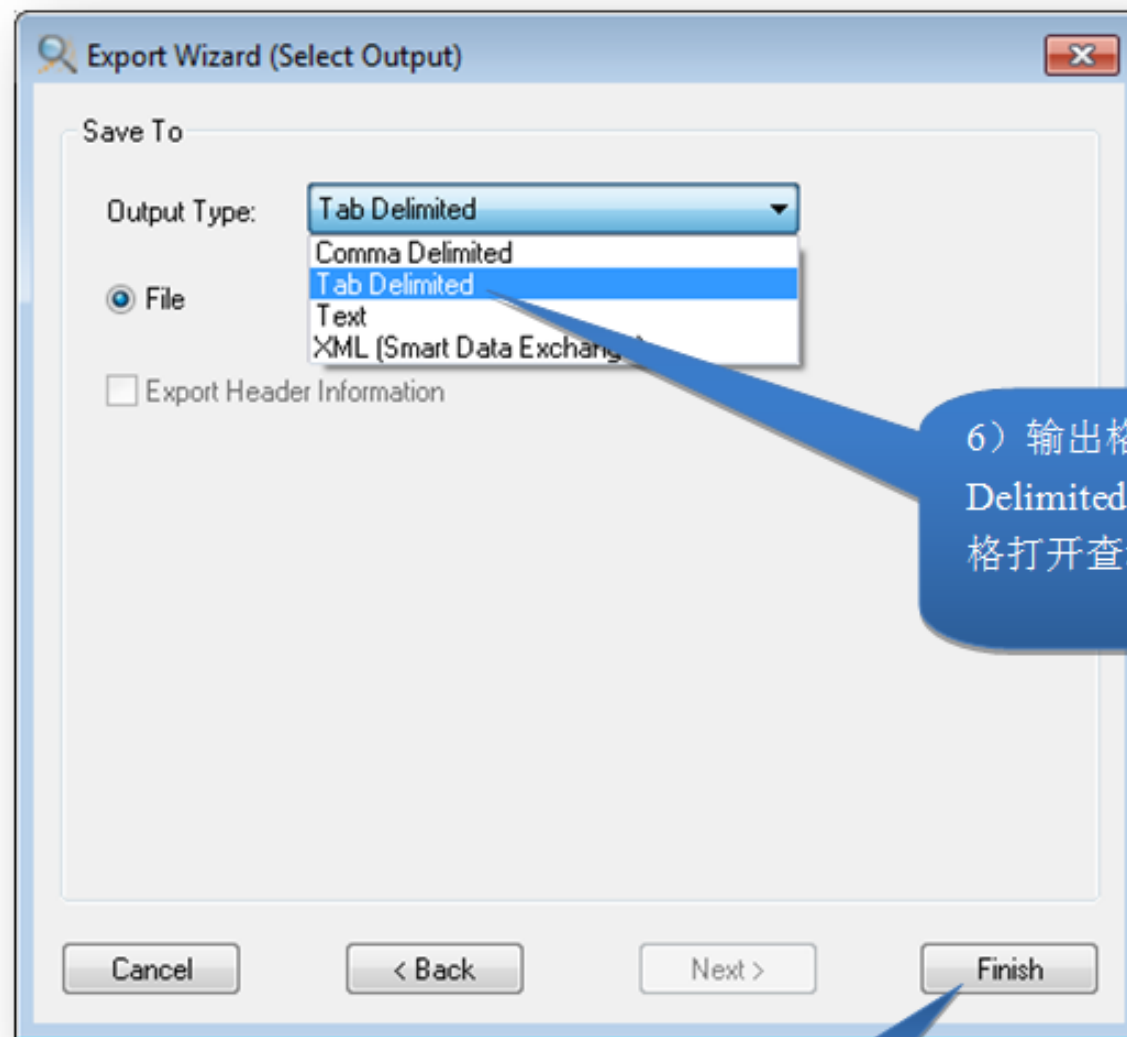


4) 添加导出字段

5) 点击 Next



THOMSON REUTERS



6) 输出格式选择 Tab Delimited。可以用 Excel 表格打开查看。

7) 点击 Finish。



THOMSON REUTERS



REUTERS/Kim Kyung Hoon

联系我们! 100190
北京市海淀区科学院南路2号
融科资讯中心C座北楼610室
汤森路透知识产权与科技集团中国办事处



THOMSON REUTERS

Email: ts.support.china@thomsonreuters.com

Tel: 010-57601200

Fax: 010-82862088