REUTERS/Kim Kyung Hoon

—TDA

张丹丹

汤森路透知识产权与科技集团
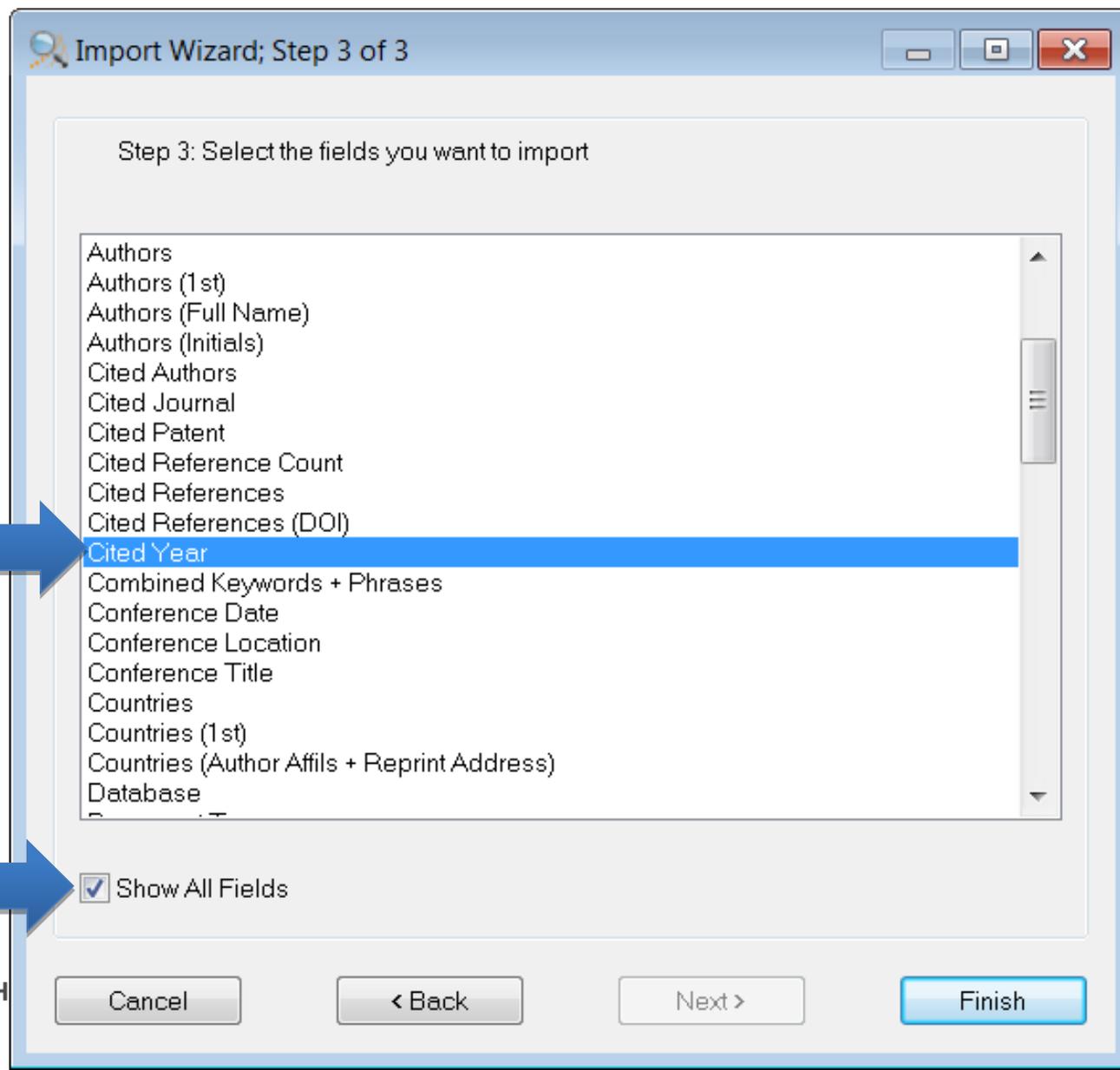
THOMSON REUTERS

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

	A	B	C	D	E
1		# Records	# Instanc	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	

如何为期刊论文批量添加影响因子

Journal Citation Reports®

WELCOME | HELP | RETURN TO LIST

2012 JCR Science Edition

Marked Journal List

Sorted by: Journal Title ▼ | SORT AGAIN

JOURNAL TITLE CHANGES

Journals 1 - 20 (of 500) |◄ ◄◄ ◄ [1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10] ► ►► ►|

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 Title (linked to journal information)	ISSN	JCR Data						Eigenfactor® Metrics	
				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 RE	1619-4500	270	0.730	1.137	0.030	33	5.4	0.00163	0.63
✓	2	AAOHN J	0891-0162	474	0.856	0.977		0	6.8	0.00084	0.21
✓	3	AAPG BULL	0149-1423	7081	1.768	2.455	0.413	92	>10.0	0.00633	1.01
✓	4	AAPS J	1550-7416	2779	4.386	5.714	0.604	91	4.7	0.00832	1.54
✓	5	AAPS PHAR			1.906		0.171	164	5.3	0.00595	0.41
✓	6	AATCC			0.297		0.067	30	8.3	0.00023	0.06
✓	7	ABDOM			1.861		0.304	125	6.6	0.00454	0.46
✓	8	ABH MA			0.461		0.000	10	>10.0	0.00090	0.67
✓	9	ABSTR			1.183		0.349	811	2.3	0.00390	0.35
✓	10	ACAD E			2.425		0.445	191	6.9	0.01541	0.88
✓	11	ACAD M			3.284		0.795	200	7.5	0.02078	1.19
✓	12	ACAD P			3.017		0.460	63	2.9	0.00365	1.16
✓	13	ACAD RAD			2.068		0.480	196	5.9	0.01009	0.63
✓	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	7.90
✓	16	ACCREDIT QUAL ASSUR	0949-1775	671	1.132	0.885	0.190	63	6.1	0.00119	0.19
✓	17	ACI MATER J	0889-325X	2950	0.826	1.414	0.091	66	>10.0	0.00401	0.65
✓	18	ACI STRUCT J	0889-3241	2961	0.806	1.415	0.115	78	>10.0	0.00494	0.75

JCR
Excel

Record Fusion -- Choose which fields to put into your new dataset

Master Dataset: WOS records.vpt
- Abstract
- Author Affiliations (1st)
- Author Affiliations (City and Coun...
- Author Affiliations (Organization and
- Author Affiliations (Organization O...
- Authors
- Authors (1st)
- Combined Keywords + Phrases
- Countries
- Document Type
- ISI Unique Article Identifier
- ISSN
- Journal
- Keywords (author's)
- Keywords Plus
- Number of Author Affiliations (Name

Accessory Dataset: JCR期刊列表.vpt
- 5-Year Impact Factor
- Abbreviated Journal Title
- Article Influence Score
- Cited Half-Life
- Eigenfactor Score
- Immediacy Index
- Impact Factor
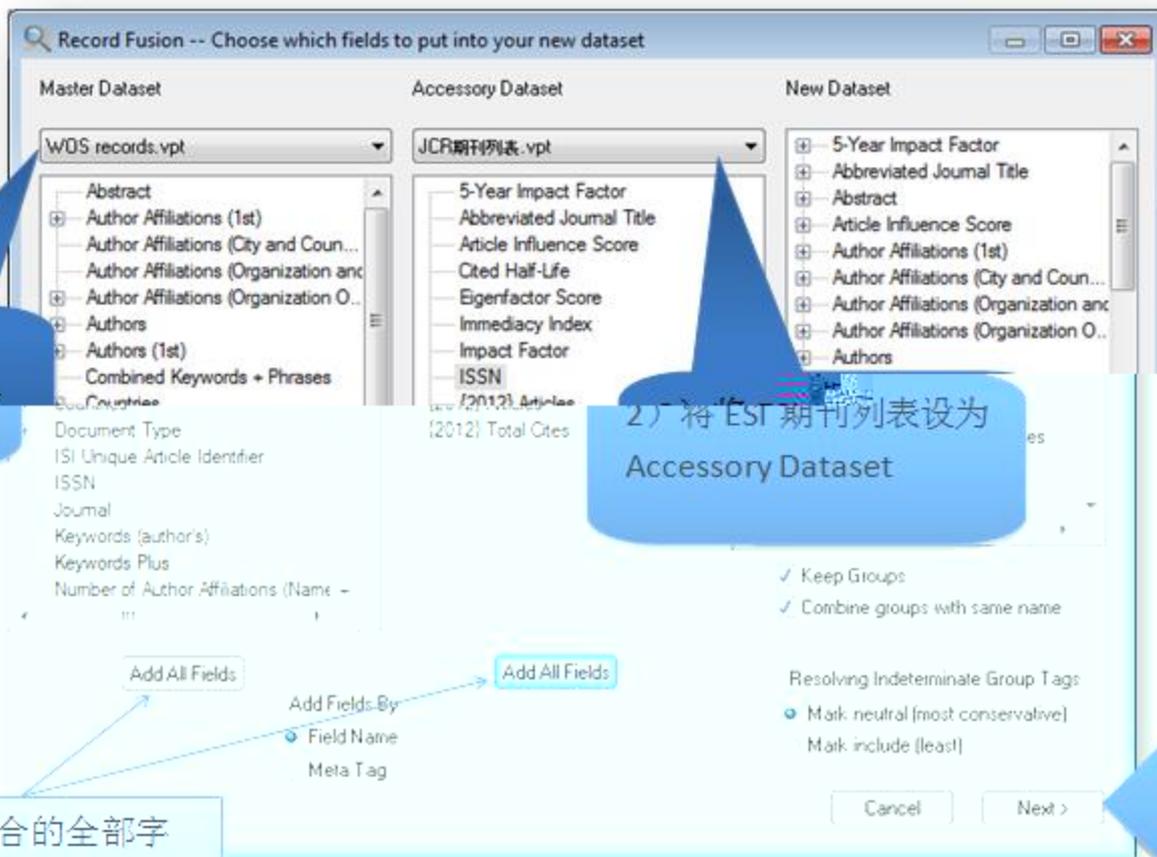- ISSN
- (2012) Articles
- (2012) Total Cites

New Dataset:
- 5-Year Impact Factor
- Abbreviated Journal Title
- Abstract
- Article Influence Score
- Author Affiliations (1st)
- Author Affiliations (City and Coun...
- Author Affiliations (Organization and
- Author Affiliations (Organization O...
- Authors

✓ Keep Groups
✓ Combine groups with same name

Add All Fields
Add Fields By
- Field Name
- Meta Tag
Add All Fields

Resolving Indeterminate Group Tags
○ Mark neutral (most conservative)
   Mark include (least)

Cancel   Next >

1）将 WOS records 设为 Master Dataset

2）将 EST 期刊列表设为 Accessory Dataset

3）将两个数据集合的全部字段加入到新生成的第三个数据

4）点击 Next

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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

4）ISSN 号可以作为字符串进行匹配

5）设定匹配条件后点击 Finish

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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

如何建立院系的论文知识库

Thomson Data Analyzer - [demo.vpt]

File　Edit　View　Sheets　Fields　Groups　Tools　Scripts　Window　Help

List:Author Affiliations (Full):Fudan University

点击 OK，生成新的组化学系

THOMSON REUTERS

将所有记录分配给不同的院系

2）选择全部院系 Group

Choose Groups

化学系
物理系
材料科学系
医学院
生命科学系
数学系

3）点击 OK

Save As

« Thomson Data Analyzer ▸ Thesaurus

Search Thesaurus

Organize ▾   New folder

Desktop
Downloads
Recent Places

Libraries
Documents
Music
Pictures
Videos

Name	Date modified	Type
AcadCorpGovIndiv.the	9/25/2012 1:33 PM	THE File
Convert American into British.the	9/25/2012 1:33 PM	THE File
Convert British into American.the	9/25/2012 1:33 PM	THE File
Country.the	9/25/2012 1:33 PM	THE File
CPC.the	5/27/2013 12:47 PM	THE File
Derwent Classifications.the	4/11/2013 1:13 PM	THE File
DWPI Abbreviations.the	9/25/2012 1:33 PM	THE File
DWPI Manual Codes 5-chars.the	4/11/2013 1:13 PM	THE File
DWPI Manual Codes.the	4/11/2013 1:13 PM	THE File
INPADOC Legal Status Codes.the	9/25/2012 1:33 PM	THE File
IPC7 subclass defs.the	9/25/2012 1:33 PM	THE File
IPC7.the	9/25/2012 1:33 PM	THE File

4）为叙词表命名

File name: 复旦大学院系中文名称叙词表

Save as type: Thesaurus files (*.the)

Hide Folders   Save   Cancel

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		27%		
Author Affiliations (Full):Fudan University: Read	53	27%		
Author Affiliations (Organization and City and Co	1569	99%		
Author Affiliations (Organization Only)	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	745	99%		Country
Countries (1st)	24	99%		Country
Countries (Author Affils + Reprint Address)	71	100%		Country
Database	1	100%		
Document Type	7	100%		Document Type
DOI	474	94%		

Context menu:
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 ▶

1）点击 Thesaurus

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

demo.vpt

NUM

2）双击新建的叙词表

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	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 Af

demo.vpt

NUM

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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	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 A... - First/Comma	103	27%		
Author Affiliations (Full):Fudan University: Read Afte...n/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				
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 Affils + 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)
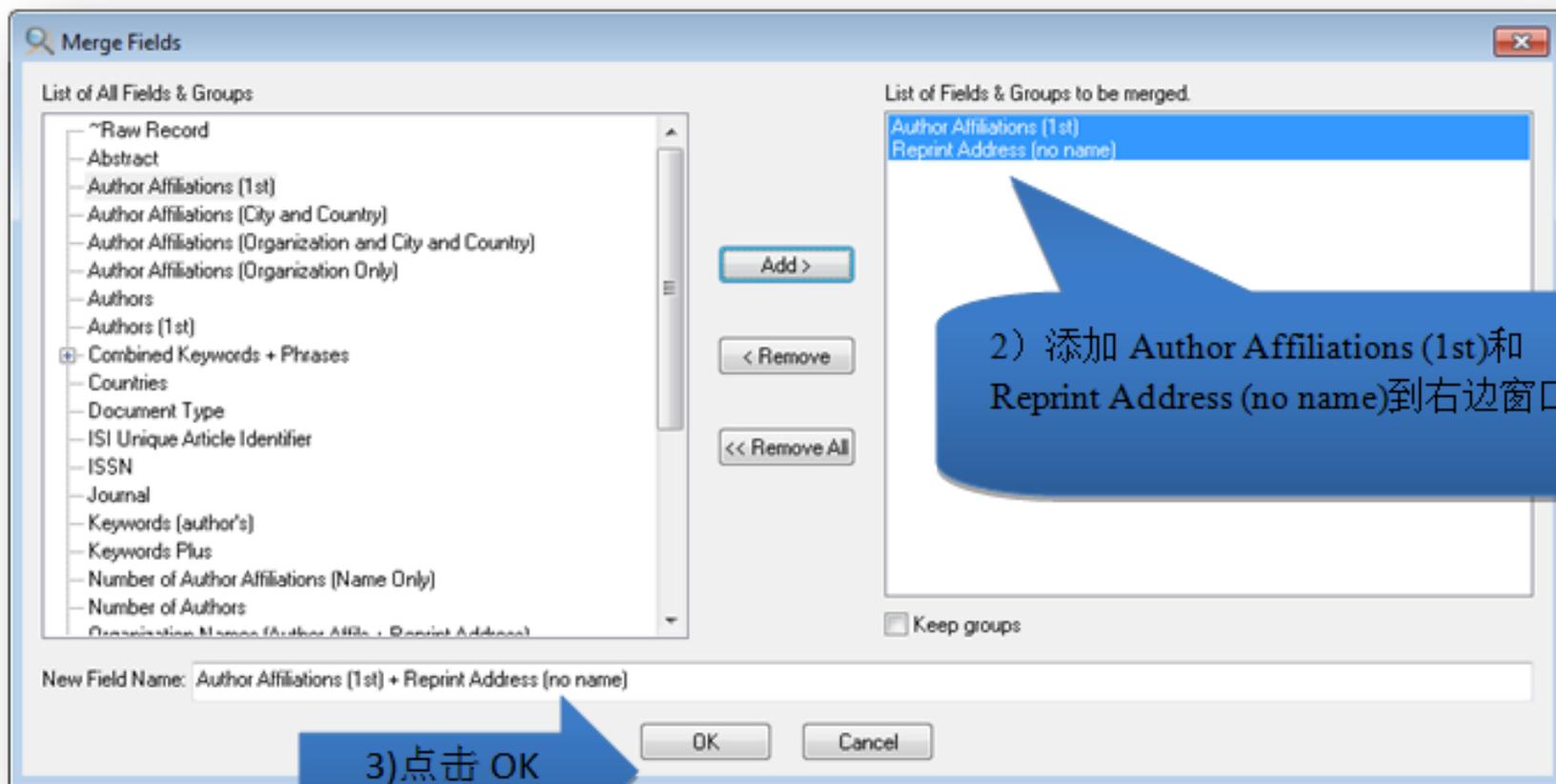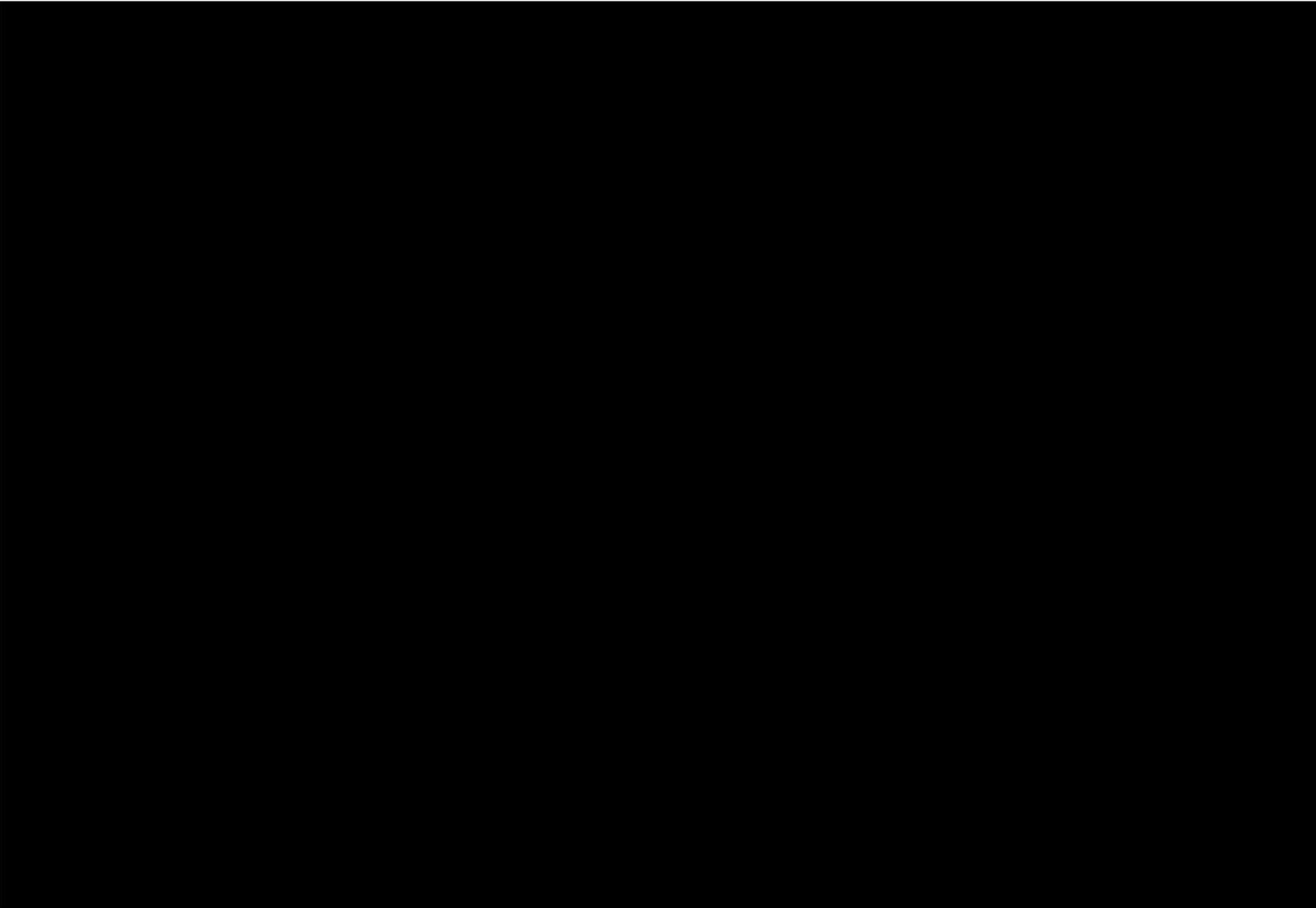
demo.vpt

NUM

如何分析科研带头人的合作关系

量子光学和量子信息

分析化学

结构化学

计算化学

化肥催化剂工程

光催化

X
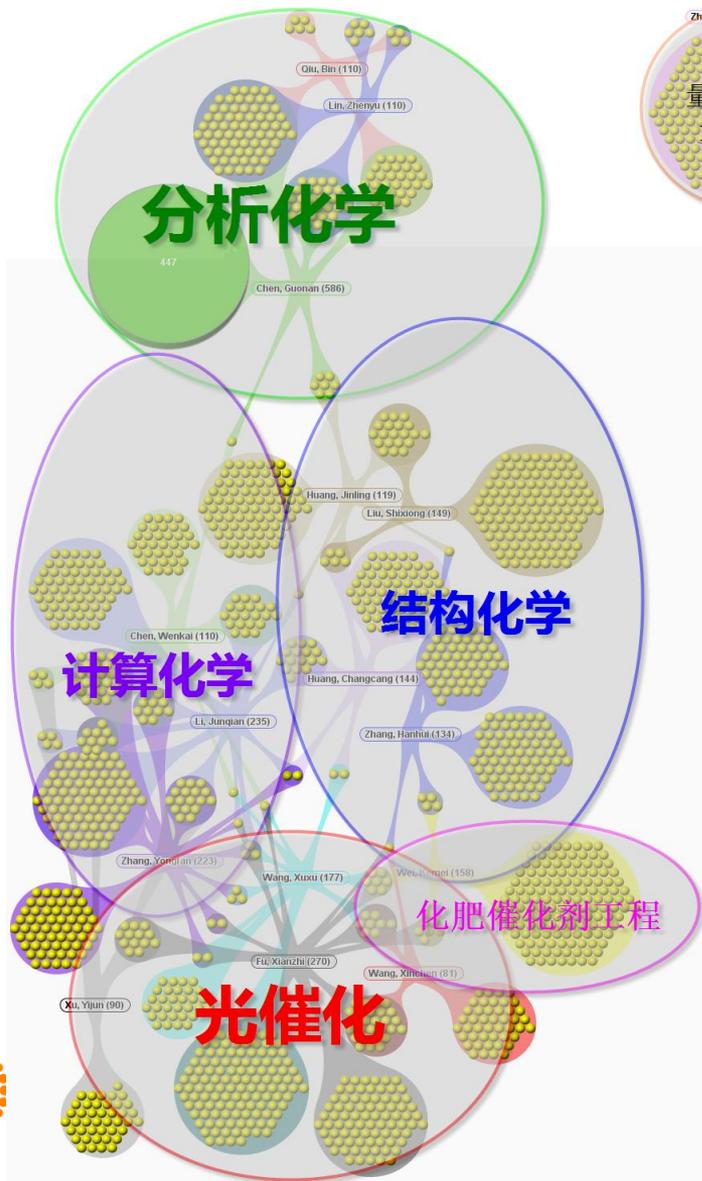
如何导出本校作为第一/通讯作者单位的论文

1. 将第一作者地址和通信作者地址字段合并。

2）添加 Author Affiliations (1st)和 Reprint Address (no name)到右边窗口

3)点击 OK

2）双击标题栏，对 List 进行排序。

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

3. 为武汉大学建立独立的字段和列表。

1）点击 Create Field From Group Items。

Create Field From Group

- Author Affiliations (1st) + Reprint Address (no name)
  - Wuhan University
- Combined Keywords + Phrases

New field name: Author Affiliations (1st) + Reprint Address (no name

○ Use checked items ○ Use unchecked items

☑ Keep groups

OK   **Cancel**

2）选择 Wuhan University。

5. 将武汉大学的第一作者或通讯作者的文章导出。

Export Wizard

Create Dataset From

- ● Group
- ○ Selection
- ○ All Records

- ● Normal
- ○ Complement

7 records in group.

- ⊞ Author Affiliations (1st) + Reprint Address (no name)
- ⊟ Author Affiliations (1st) + Reprint Address (no name):Wuhan University
  - Wuhan University
- Combined Keywords + Phrases

Cancel | < Back | Next > | Finish

1）选择 Group 的方式

2）选择为武汉大学创建的 Group

3）点击 Next

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Export Wizard (Select Fields)

Select and Order Fields to Export

Available Fields

Fields to Export

Title
Authors
Abstract
Countries
Author Affiliations (Organ
Source
Times Cited
Keywords (author)
Keywords Plus
Combined Keywords + F
Web of Science Catego
Subject Category
Document Type
Publication Type
Number of Authors
Organization Names (Au

Add All >>
Add >
< Remove
<< Remove All

Order: Move
Selected
Fields...

Up
Down

☐ Export Editable Notes
☐ Export Record Classifications

Cancel   < Back   Next >   Finish

4）添加导出字段

5）点击 Next

Export Wizard (Select Output)

Save To

Output Type: Tab Delimited

Comma Delimited
Tab Delimited
Text
XML (Smart Data Exchange)

File

Export Header Information

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

7）点击 Finish。

Finish

Cancel   < Back   Next >

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C 610

Email: ts.support.china@thomsonreuters.com
Tel: 010-

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