Some of my Favorite Things: OpenRefine and BrowZine

Kate Hill

Electronic Resources and Distance Education Librarian

University of North Carolina at Greensboro

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Using OpenRefine: a manual

OpenRefine History

OpenRefine Core

Google Refine 2.5 - Stable version

- **Windows kit**, Download, unzip, and double-click on *google-refine.exe*. If you're having issues with the above, try double-clicking on *refine.bat* instead.
- **Mac kit**, Download, open, drag icon into the Applications folder and double click on it. **NOTE:** If you have issues installing Refine on Mac, please refer to issue 590
- **Linux kit**, Download, extract, then type *./refine* to start.

OpenRefine 2.6 - Development version

Download OpenRefine 2.6-beta1. Do not use this version in a production environment.

All releases

All previous releases are available here.

Extensions

The following extension are available for OpenRefine:

- Crowdsourcing extension - by Zemanta
- DBpedia extension - by Zemanta
- History tools, pivot tool and scatterplot tool using D3 - by VIB-BITS
- LMF Extension (to be migrated to Apache Marmotta after summer) - by Salzburg Research
- Named-Entity Recognition - by Ruben Verborgh (Free Your Metadata)
- RDF extension - by DERI
- Stats extension:
  - Stats extension - by the Chicago Tribune for Refine 2.1
  - Stats extension updated by sparkica for Refine 2.5 +

Google refine *A power tool for working with messy data.*

- Create Project
- Open Project
- Import Project
- GOKb

Create a project by importing data. What kinds of data files can I import?

TSV, CSV, *SV, Excel (.xls and .xlsx), JSON, XML, RDF as XML, and Google Data
Google Refine extensions.

Get data from

- **This Computer**
- Web Addresses (URLs)
- Clipboard
- Google Data

Locate one or more files on your computer to u

Browse... No files selected.

Next »

Google refine *A power tool for working with messy data.*

- Create Project
- Open Project
- Import Project
- GOKb

Create a project by importing data. What kinds of data files can I import?

TSV, CSV, *SV, Excel (.xls and .xlsx), JSON, XML, RDF as XML, and Google Data Google Refine extensions.

Get data from

- This Computer
- Web Addresses (URLs)
- **Clipboard**
- Google Data

Paste data from clipboard here:

Google refine *A power tool for working with messy data.*

- Create Project
- Open Project
- Import Project
- GOKb

« Start Over | Configure Parsing Options | Project name: Wiley_ARDI_Collection xlsx | Create Project

	Journal Code used by Wiley	Print ISSN	Electronic ISSN	Journal DOI	Title	FTE Band (if applicable)	WOL URL
1.	2001	0044-8249	1521-3757	10.1002/(ISSN)1521-3757	ANGEWANDTE CHEMIE		http://onlinelibrary.wiley/journal/10.1002/(ISSN)1521-3757
2.	2002	1433-7851	1521-3773	10.1002/(ISSN)1521-3773	ANGEWANDTE CHEMIE INTERNATIONAL EDITION		http://onlinelibrary.wiley/journal/10.1002/(ISSN)1521-3773
3.	2157	2193-5807	2193-5815	10.1002/(ISSN)2193-5815	ASIAN JOURNAL OF ORGANIC CHEMISTRY	FTE SMALL	http://onlinelibrary.wiley/journal/10.1002/(ISSN)2193-5815
4.	2268	1439-4227	1439-7633	10.1002/(ISSN)1439-7633	CHEMBIOCHEM		http://onlinelibrary.wiley/journal/10.1002

Parse data as

Excel (.xlsx) files

XML files

Open Document Format spreadsheets (.ods)

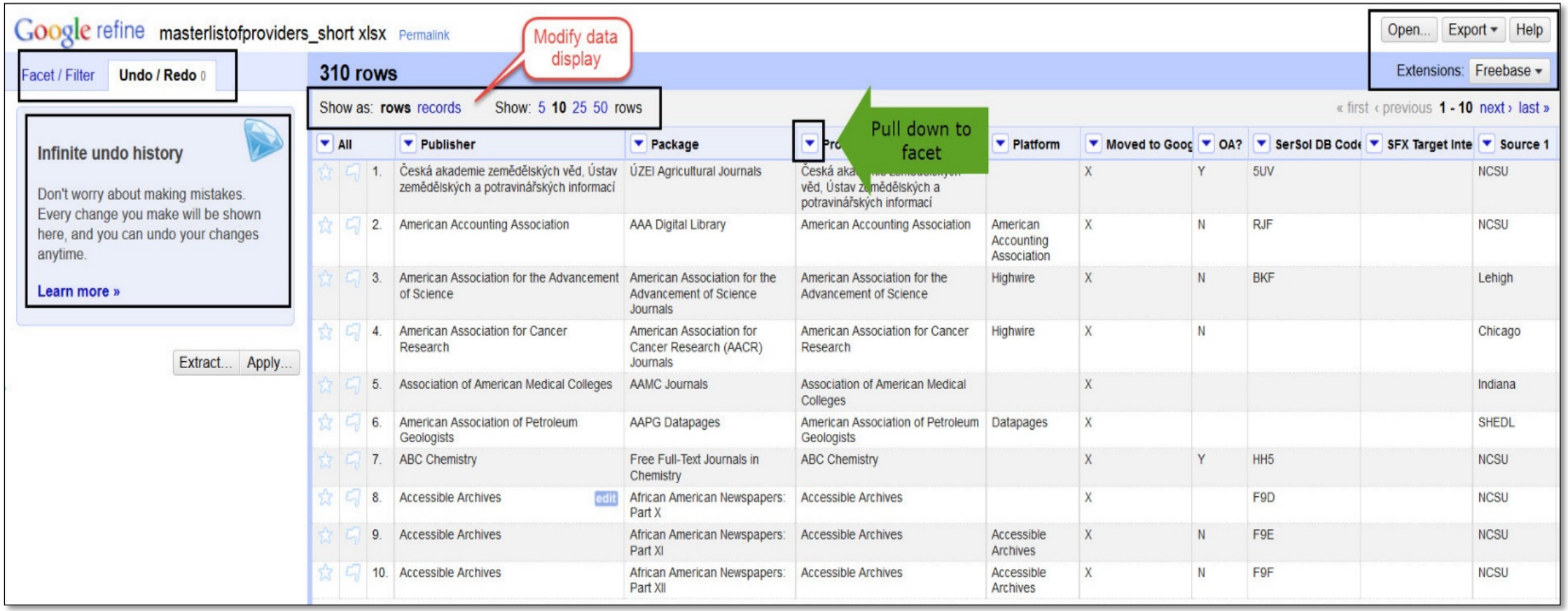
RDF/XML files

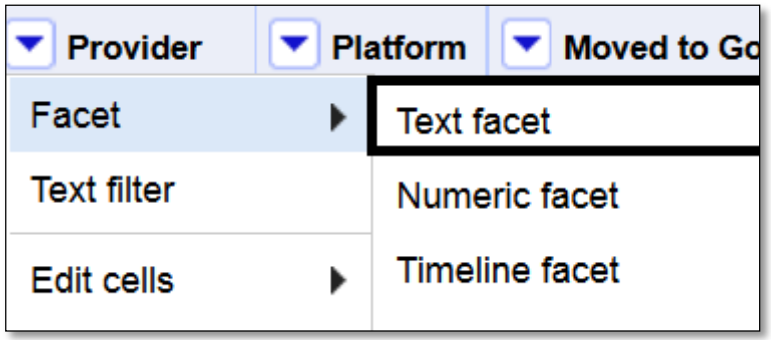
Update Preview

Worksheets to Import
- [x] Sheet1 30 rows
- [ ] Sheet2 1 rows
- [ ] Sheet3 1 rows

- [ ] Ignore first 0 line(s) at beginning of file
- [x] Parse next 1 line(s) as column headers
- [ ] Discard initial 0 row(s) of data
- [ ] Load at most 0 row(s) of data

- [x] Store blank rows
- [x] Store blank cells as nulls
- [ ] Store file source (file names, URLs) in each row


Google refine masterlistofproviders_short xlsx Permalink
Modify data display
Open... Export Help
Extensions: Freebase
Facet / Filter Undo / Redo 0
310 rows
Show as: rows records Show: 5 10 25 50 rows
« first ‹ previous 1 - 10 next › last »
Pull down to facet
Infinite undo history
Don't worry about making mistakes. Every change you make will be shown here, and you can undo your changes anytime.
Learn more »
Extract... Apply...
All
Publisher
Package
Platform
Moved to Goog
OA?
SerSol DB Code
SFX Target Inte
Source 1
1. Česká akademie zemědělských věd, Ústav zemědělských a potravinářských informací | ÚZEI Agricultural Journals | Česká akademie zemědělských věd, Ústav zemědělských a potravinářských informací | | X | Y | 5UV | | NCSU
2. American Accounting Association | AAA Digital Library | American Accounting Association | American Accounting Association | X | N | RJF | | NCSU
3. American Association for the Advancement of Science | American Association for the Advancement of Science Journals | American Association for the Advancement of Science | Highwire | X | N | BKF | | Lehigh
4. American Association for Cancer Research | American Association for Cancer Research (AACR) Journals | American Association for Cancer Research | Highwire | X | N | | | Chicago
5. Association of American Medical Colleges | AAMC Journals | Association of American Medical Colleges | | X | | | | Indiana
6. American Association of Petroleum Geologists | AAPG Datapages | American Association of Petroleum Geologists | Datapages | X | | | | SHEDL
7. ABC Chemistry | Free Full-Text Journals in Chemistry | ABC Chemistry | | X | Y | HH5 | | NCSU
8. Accessible Archives edit | African American Newspapers: Part X | Accessible Archives | | X | | F9D | | NCSU
9. Accessible Archives | African American Newspapers: Part XI | Accessible Archives | Accessible Archives | X | N | F9E | | NCSU
10. Accessible Archives | African American Newspapers: Part XII | Accessible Archives | Accessible Archives | X | N | F9F | | NCSU



Google refine masterlistofproviders_short xlsx Permalink

Facet / Filter | Undo / Redo 1

Refresh | Reset All | Remove All

Provider change

60 choices Sort by: **name** count | Cluster

- AAS 1
- ABC Chemistry 1
- Accessible Archives 8
- ACLS 1
- ACS 1
- Actuaries Institute 1

310 rows

Show as: **rows** records Show: 5 **10** 25 50 rows

All		Publisher	Package	Provider
1.		Česká akademie zemědělských věd, Ústav zemědělských a potravinářských informací	ÚZEI Agricultural Journals	Česká akademie zemědělských věd, Ústav zemědělských a potravinářských informací
2.		American Accounting Association	AAA Digital Library	American Accounting Association

Facet / Filter | Undo / Redo 4

Refresh | Reset All | Remove All

Publisher change invert reset

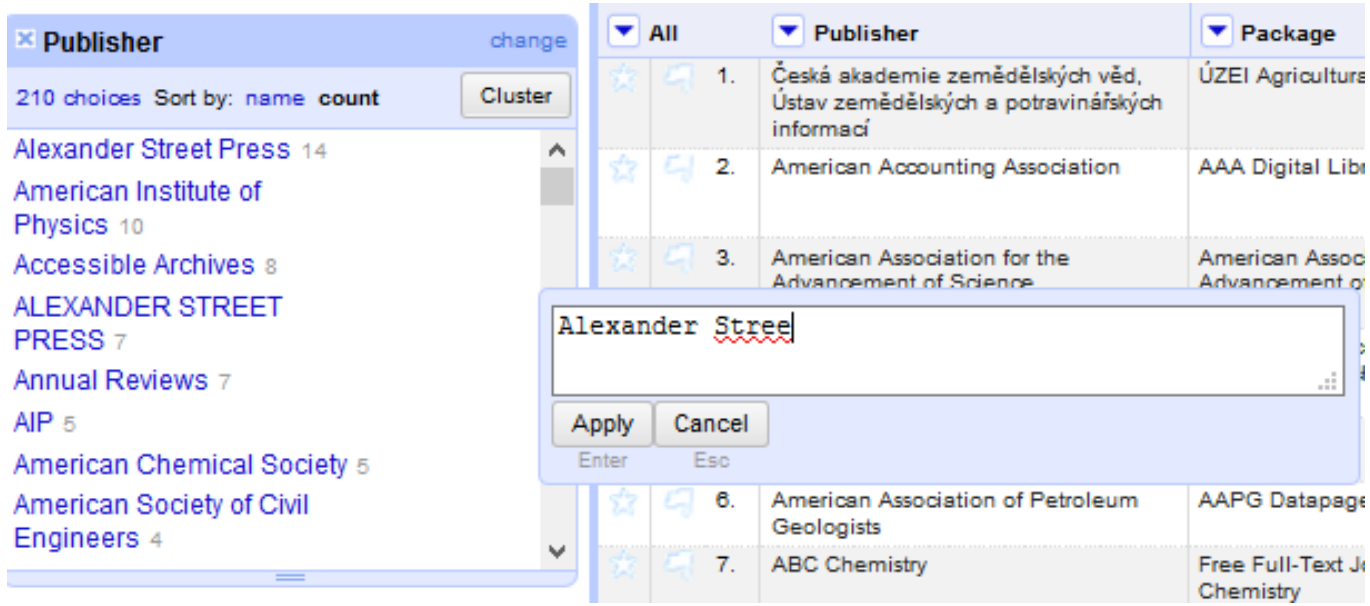
210 choices Sort by: name **count** | Cluster

- Alexander Street Press 14 exclude
- American Institute of Physics 10
- Accessible Archives 8
- ALEXANDER STREET PRESS 7
- Annual Reviews 7
- AIP 5
- American Chemical Society 5
- American Society of Civil Engineers 4

14 matching rows (308 total)

Show as: **rows** records Show: 5 **10** 25 50 rows

All		Publisher	Package	Provider
68.		Alexander Street Press	20th Century North American Drama	Alexander Street Press
69.		Alexander Street Press	American Film Scripts	Alexander Street Press
70.		Alexander Street Press	Black Drama	Alexander Street Press
71.		Alexander Street Press	Black Thought and Culture	Alexander Street Press
72.		Alexander Street Press	Classical Music Library	Alexander Street Press
73.		Alexander Street Press	Contemporary World Music	Alexander Street Press
74.		Alexander Street Press	Counseling and Therapy in Video Volume 1	Alexander Street Press
75.		Alexander Street Press	Ethnographic Video Online	Alexander Street Press
76.		Alexander Street Press	Garland Encyclopedia of World Music Online	Alexander Street Press
77.		Alexander Street Press	Latino Literature	Alexander Street Press


Publisher
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210 choices Sort by: name count
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Alexander Street Press 14
American Institute of Physics 10
Accessible Archives 8
ALEXANDER STREET PRESS 7
Annual Reviews 7
AIP 5
American Chemical Society 5
American Society of Civil Engineers 4
All
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1. Česká akademie zemědělských věd, Ústav zemědělských a potravinářských informací
2. American Accounting Association
3. American Association for the Advancement of Science
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Apply
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6. American Association of Petroleum Geologists
7. ABC Chemistry

Facet / Filter
Undo / Redo 5
Refresh
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Publisher
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209 choices Sort by: name count
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Alexander Street Press 21
American Institute of Physics 10
Accessible Archives 8
Annual Reviews 7
AIP 5
American Chemical Society 5
American Society of Civil Engineers 4
American Society of Mechanical Engineers 4
308 rows
Show as: rows records
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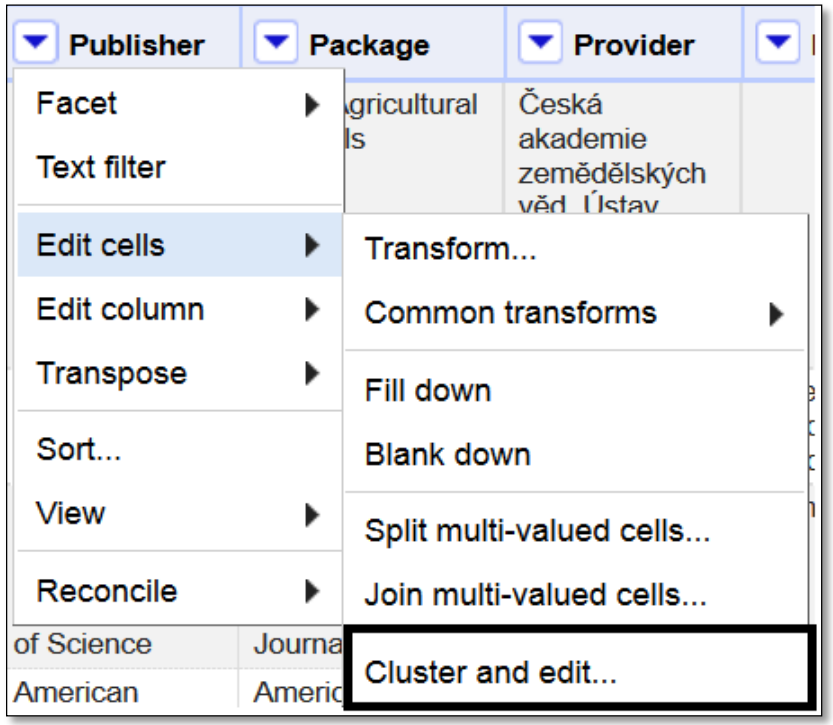
1. Česká akademie zemědělských věd, Ústav zemědělských a potravinářských informací
2. American Accounting Association
3. American Association for the Advancement of Science
4. American Association for Cancer Research
5. Association of American Medical Colleges
6. American Association of Petroleum Geologists
7. ABC Chemistry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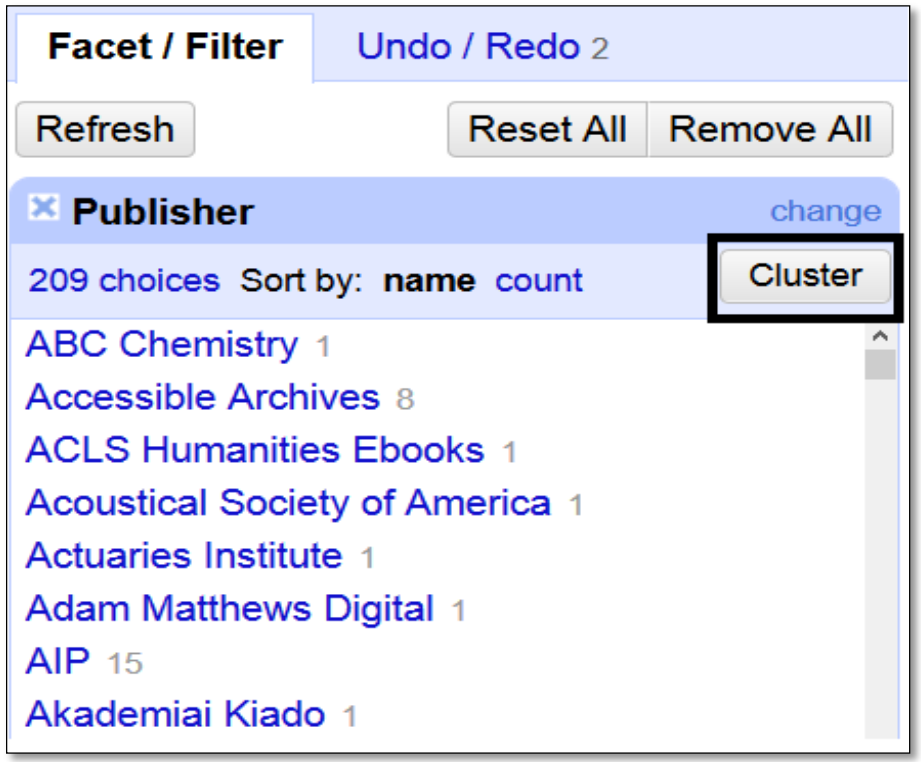
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Accessible Archives 8
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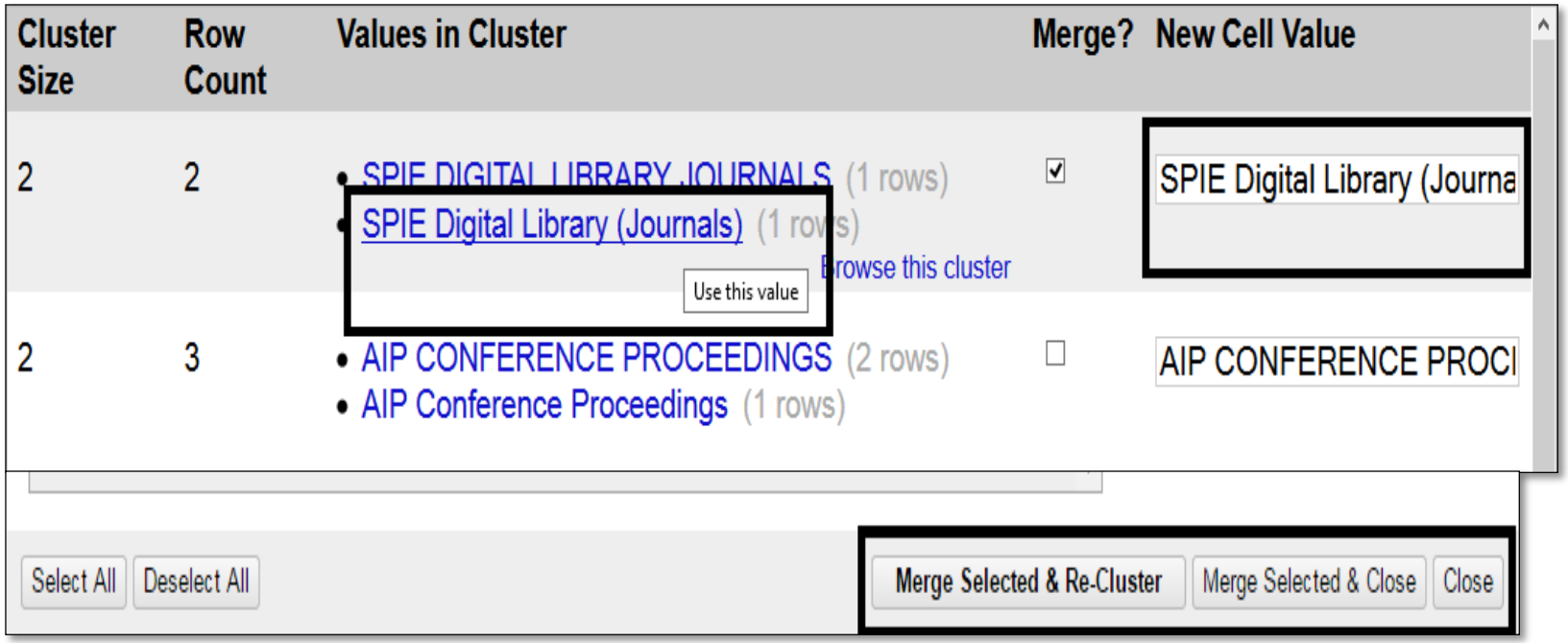
Acoustical Society of America 1
Actuaries Institute 1
Adam Matthews Digital 1
AIP 15
Akademiai Kiado 1


Cluster Size
Row Count
Values in Cluster
Merge?
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Browse this cluster
Use this value
SPIE Digital Library (Journa
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3
AIP CONFERENCE PROCEEDINGS (2 rows)
AIP Conference Proceedings (1 rows)
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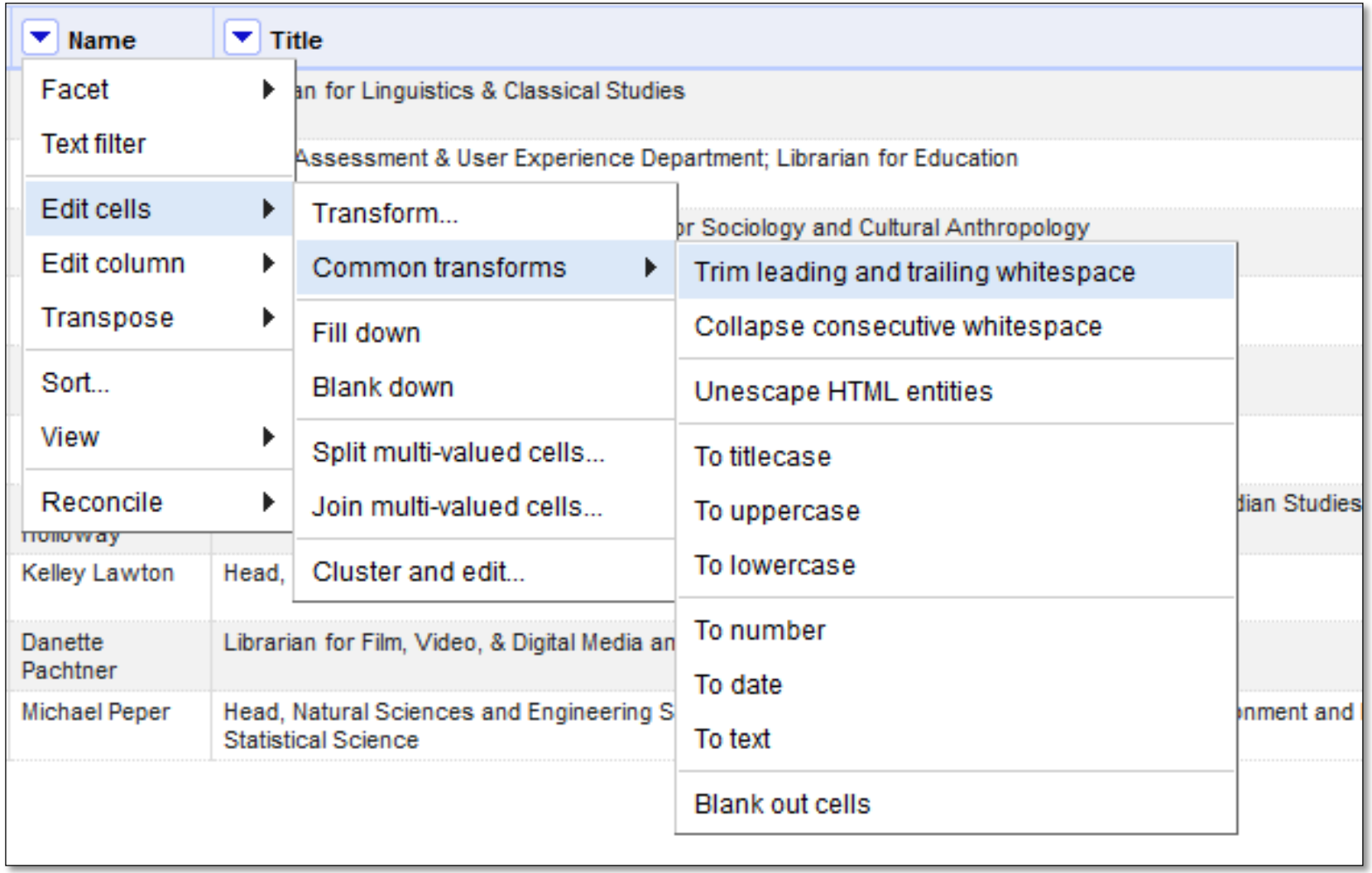
Select All
Deselect All
Merge Selected & Re-Cluster
Merge Selected & Close
Close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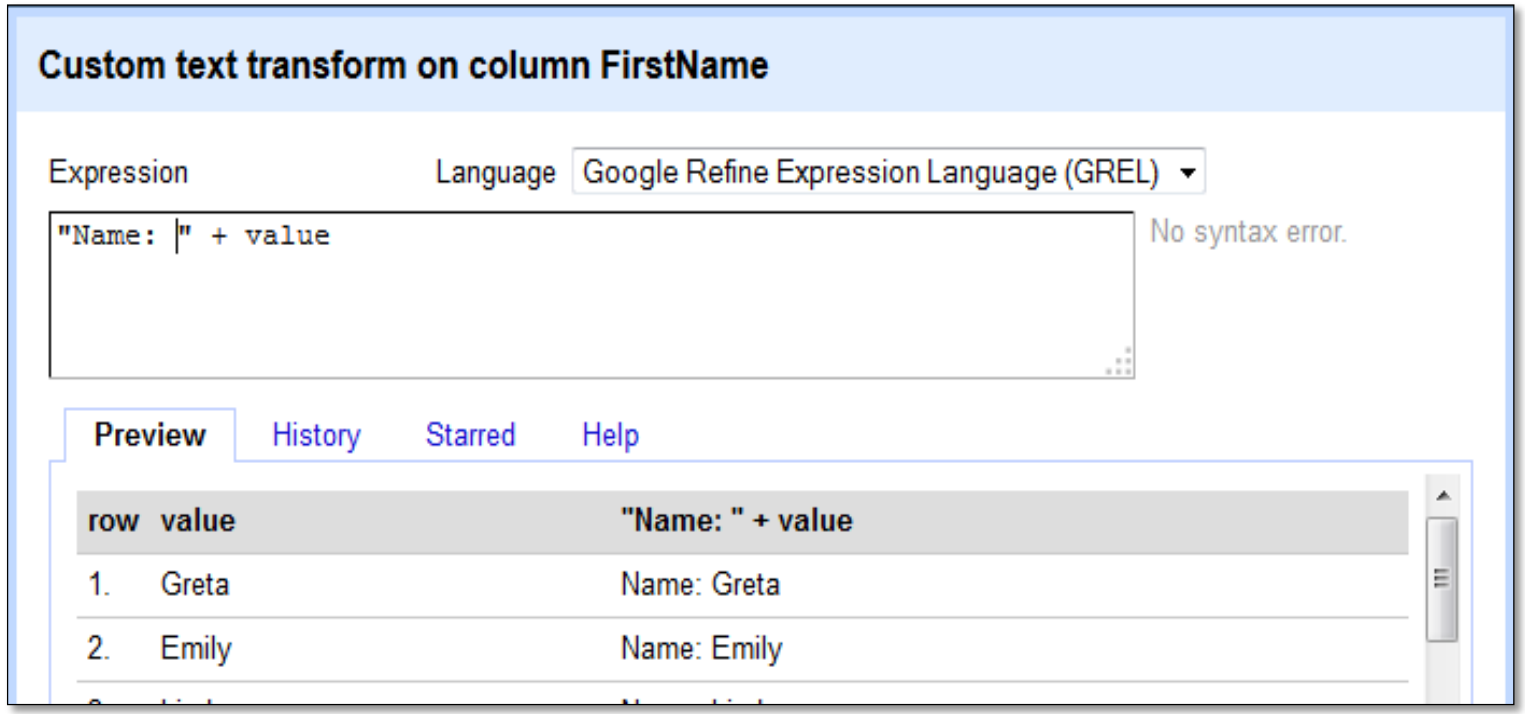
Custom text transform on column FirstName
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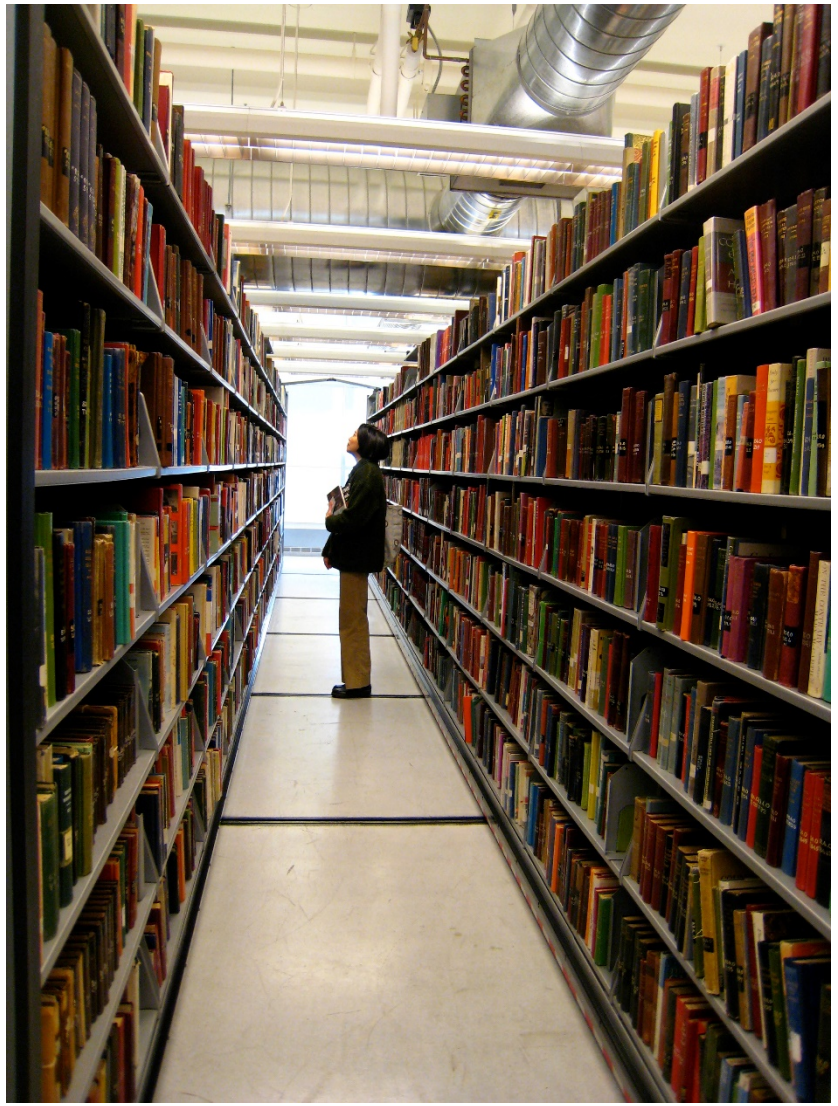
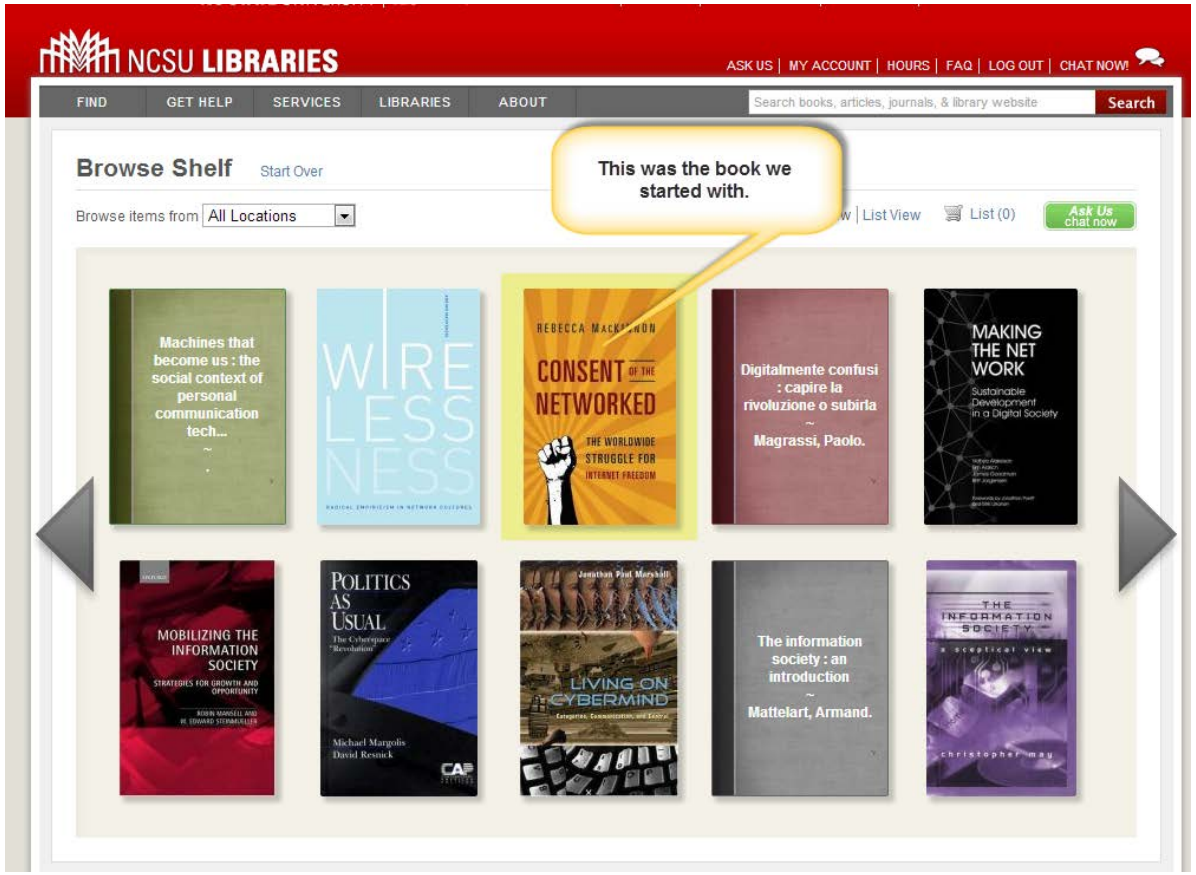
Trend Two

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Please contact us at support@thirdiron.com if you have any questions!

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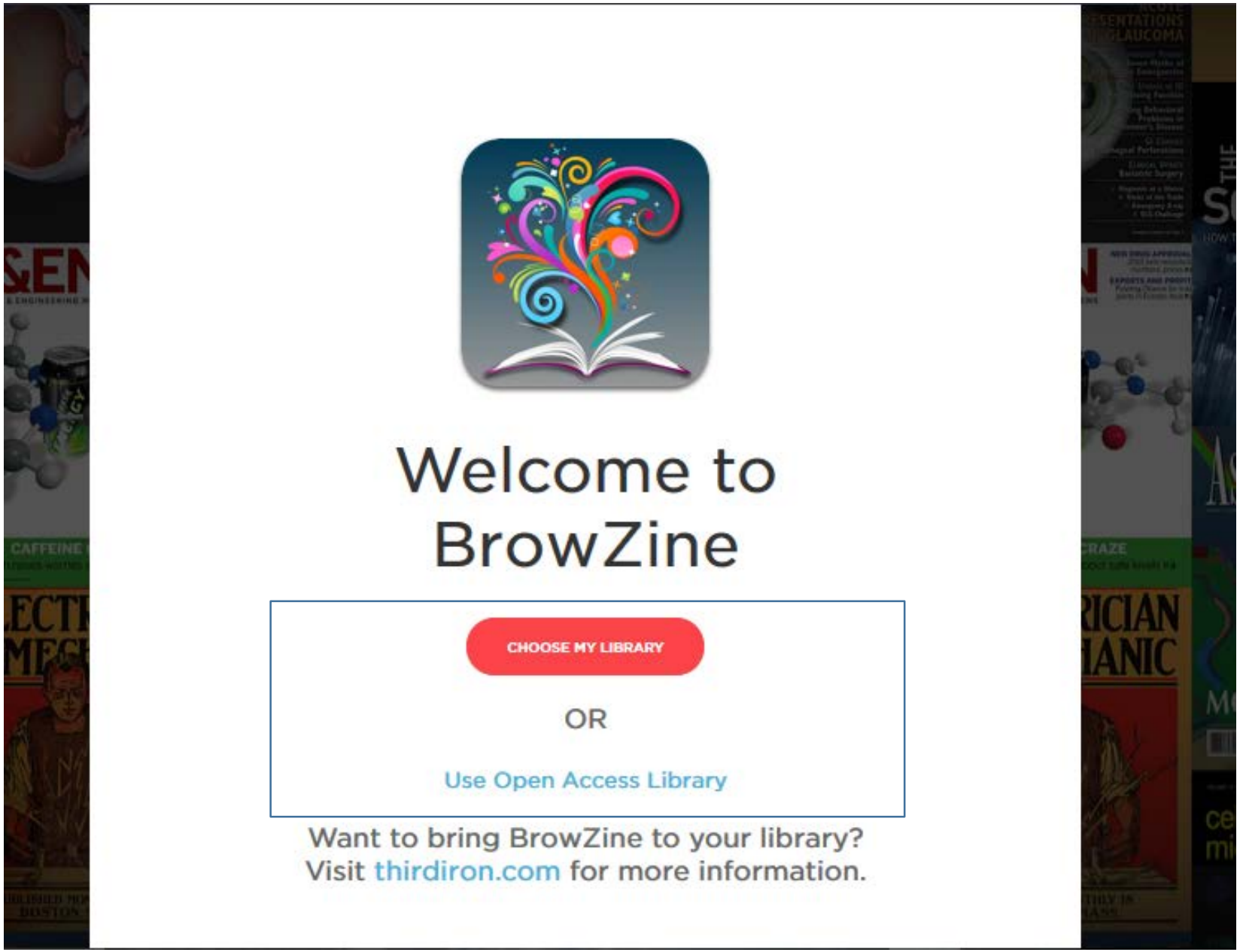

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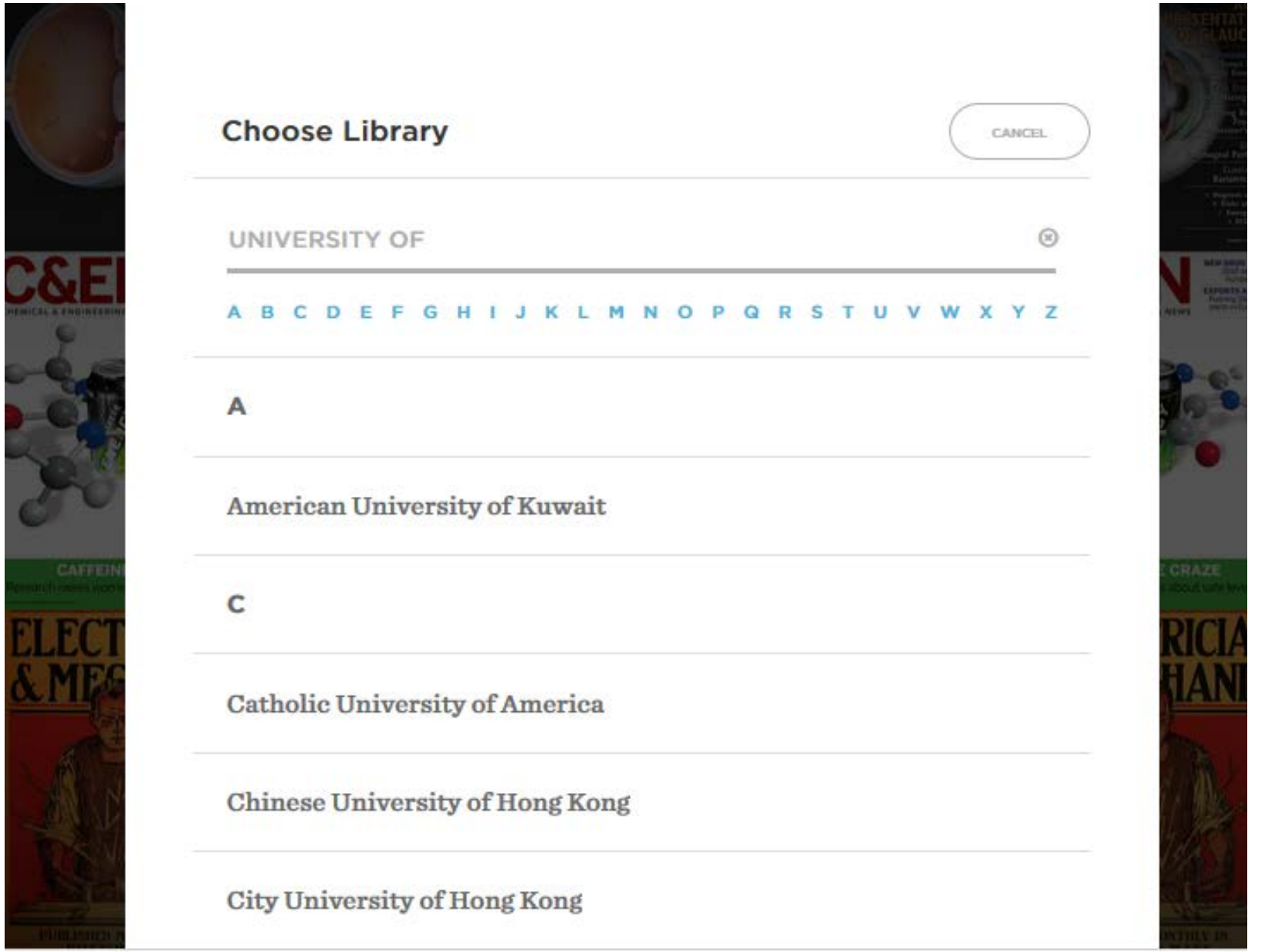
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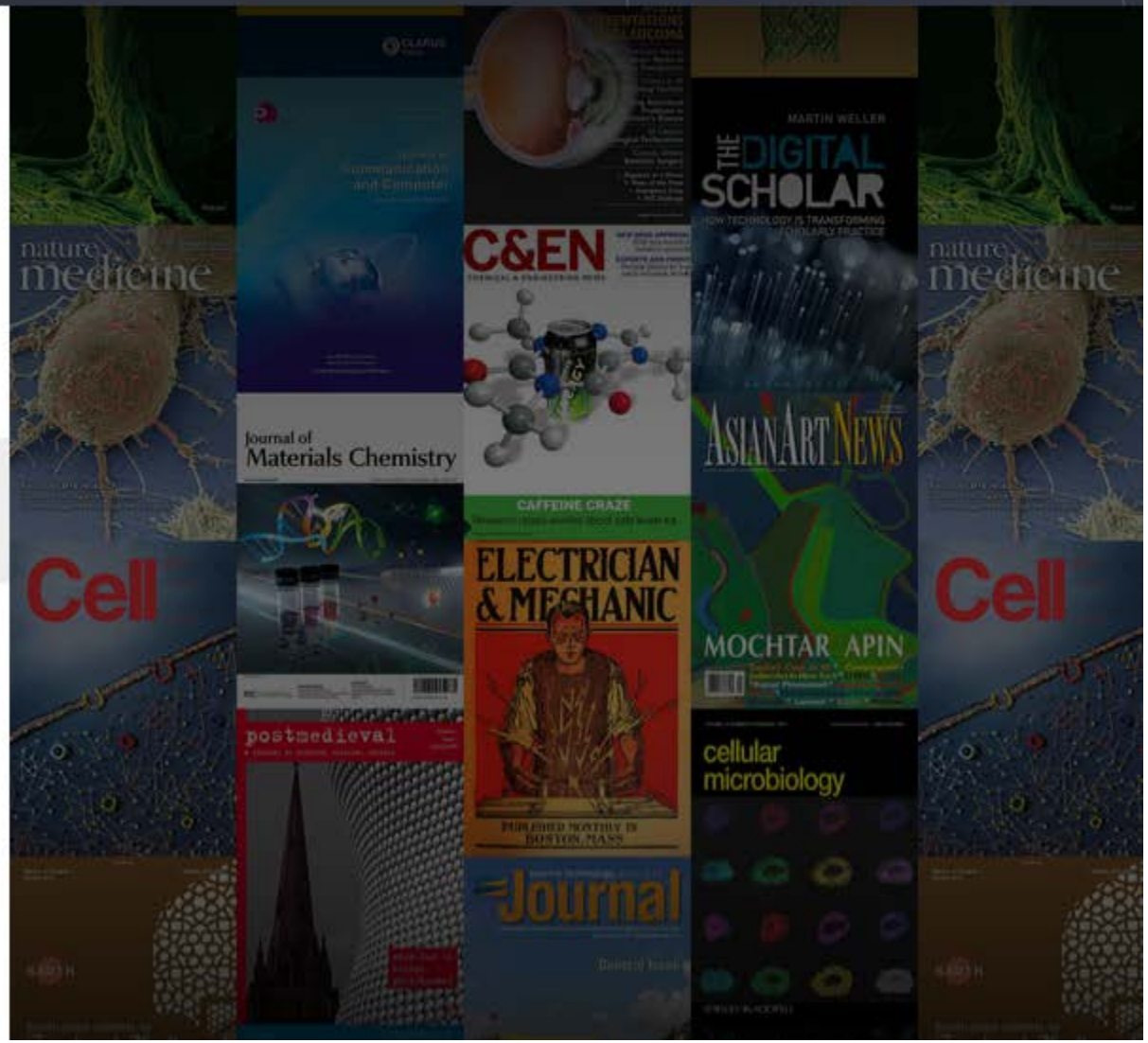

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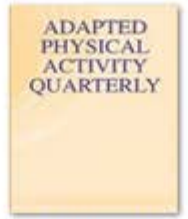

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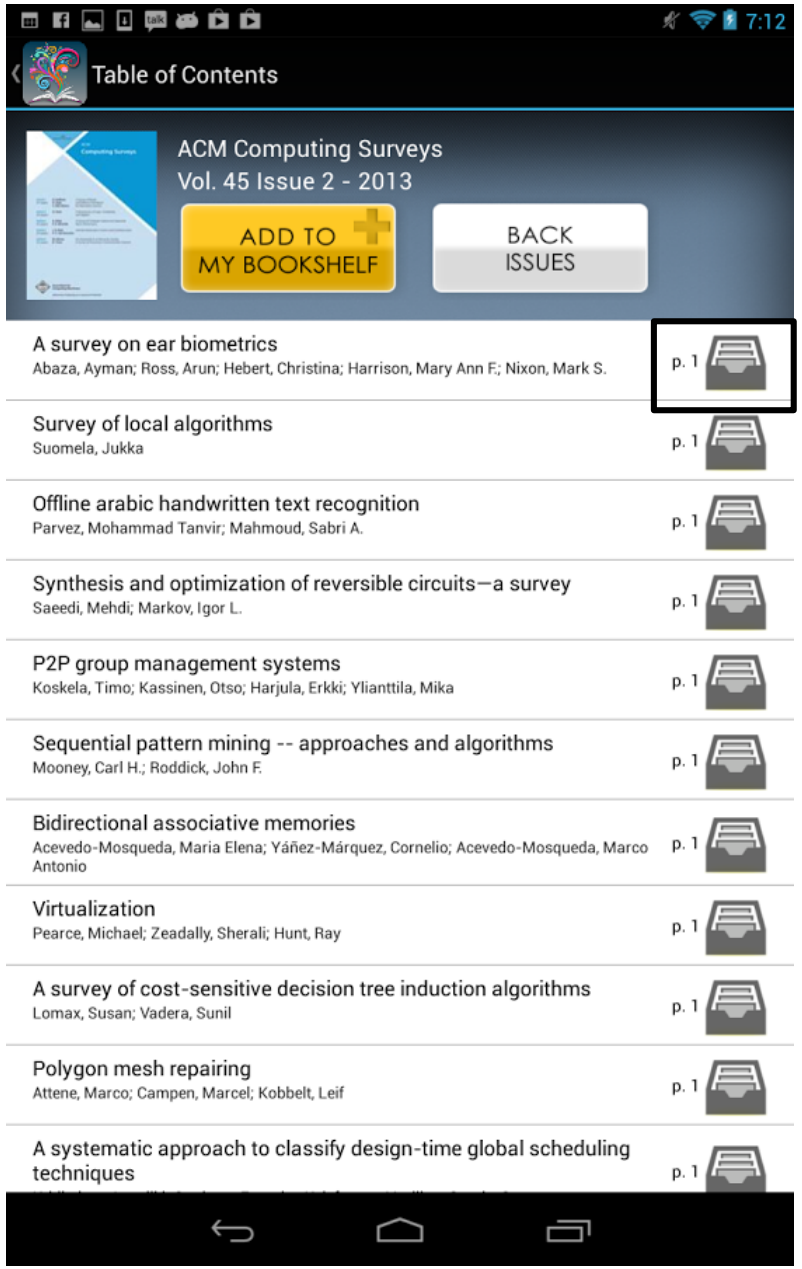
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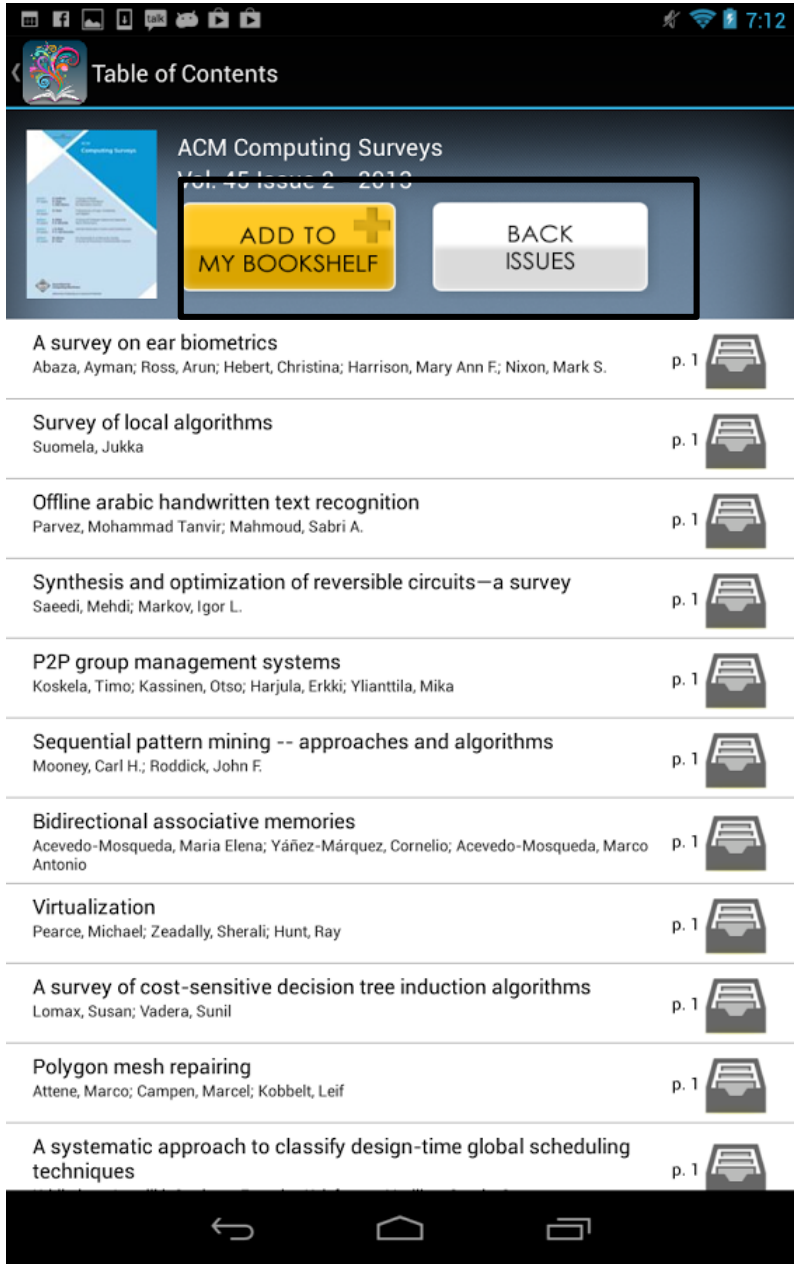
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p. 1

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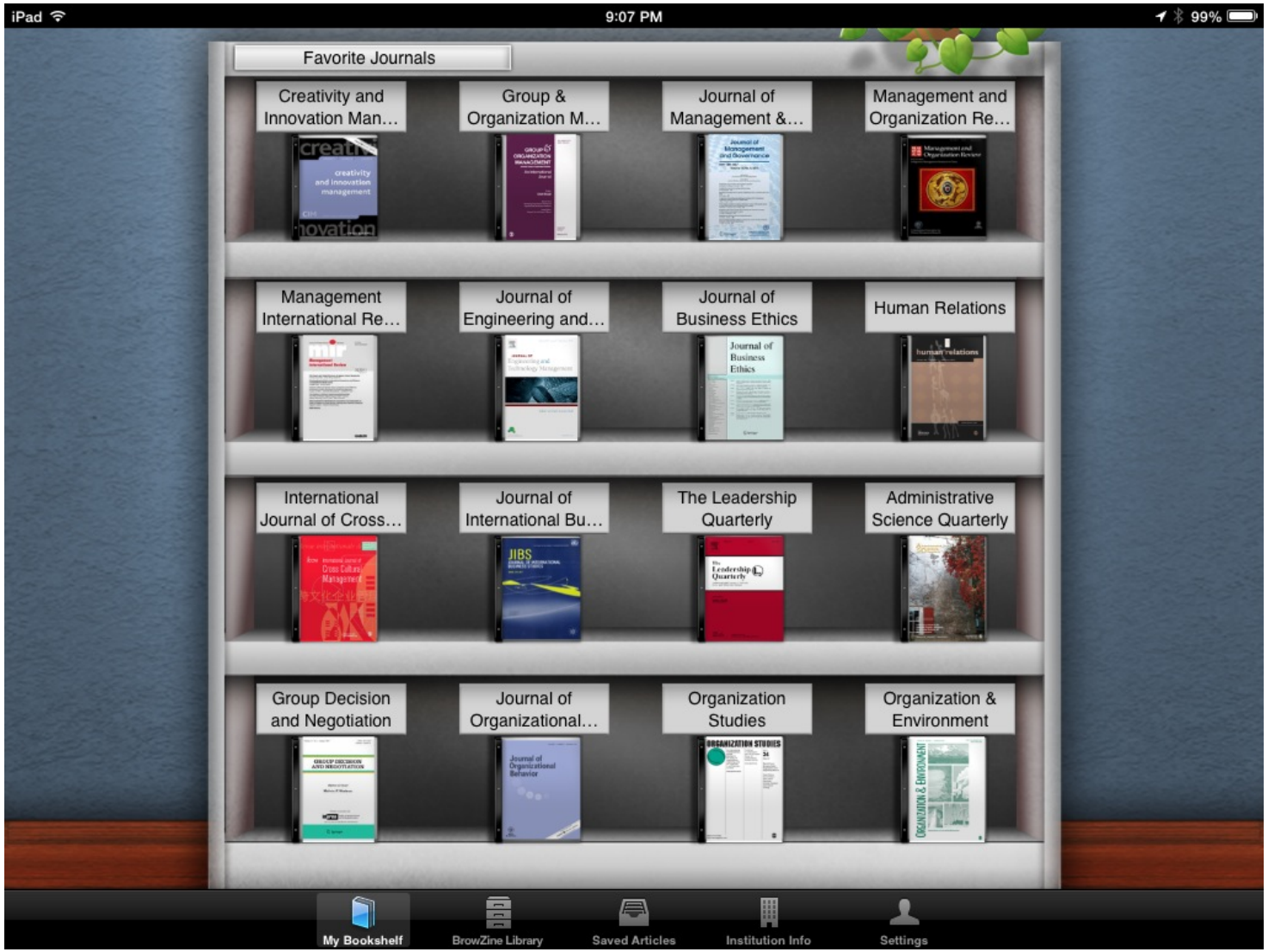
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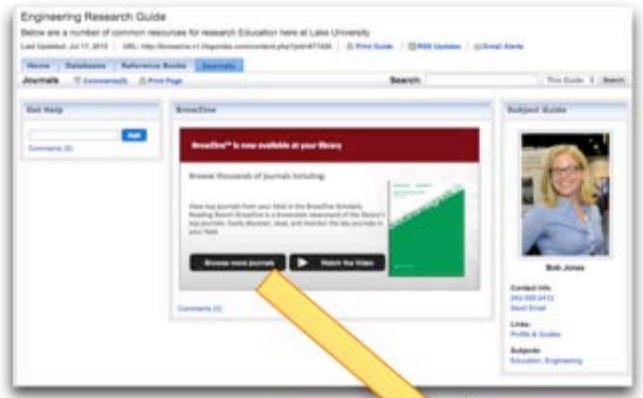
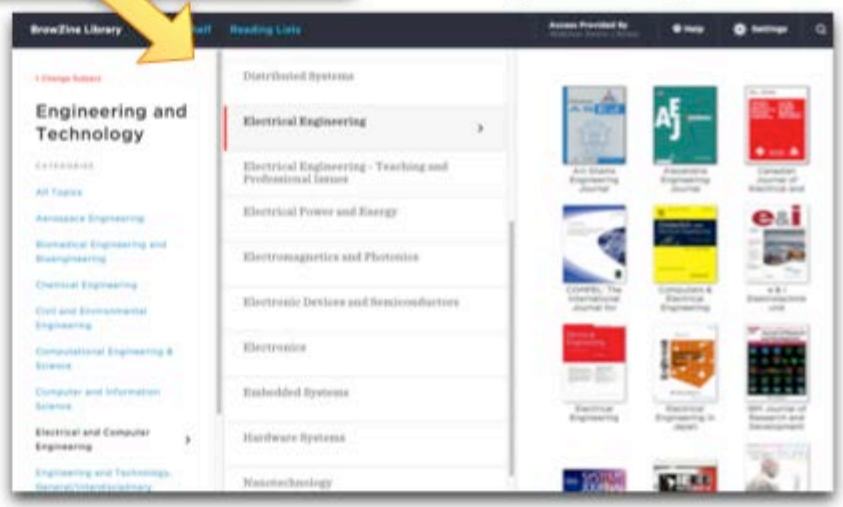
Research Guide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