



BIBEXCEL

**استاد درس ترسیم نقشه علم: خانم دکتر سپیده فهیمی فر
لیلی بنی هاشمی - زهرا دبستانی**

دانشجویان کارشناسی ارشد رشته علم اطلاعات و دانش‌شناسی گرایش علم سنجی
دانشگاه تهران
ترم دوم سال ۱۳۹۶-۱۳۹۷

BIBEXCEL

A tool-box developed by



UMEÅ UNIVERSITY



Olle Persson

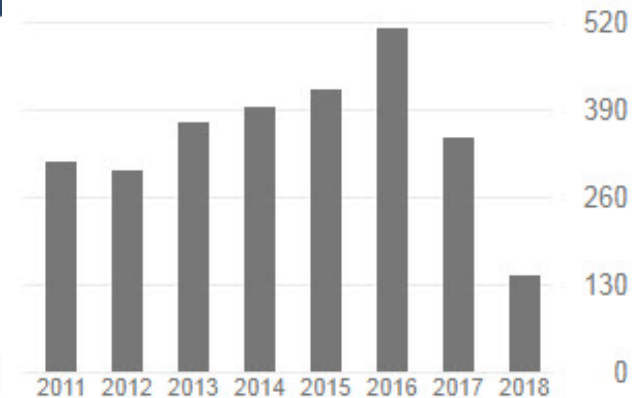
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Department of Sociology

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📍 Hus Y, Beteendevetarhuset
Mediagränd 14, Beteendevetarhuset,
Umeå universite

[Google Scholar](#)

	All	Since 2013
Citations	4718	2191
h-index	27	20
i10-index	46	30



Olle Persson

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Verified email at soc.umu.se

[Bibliometri](#)

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BibExcel برای کمک به کاربر جهت تجزیه و تحلیل داده‌های کتاب‌شناختی و یا هر نوع داده‌ای با ماهیت متنی طراحی شده است. ایده نرم افزار، تولید فایل‌های داده‌ای است که بتوان در اکسل، و یا هر برنامه‌ای که قادر باشد با سوابق داده‌ها به صورت جدول کار کند مورد استفاده قرار گیرد.

نکته: این جعبه ابزار شامل تعدادی از ابزارهای قابل مشاهده و پنهان پشت منوها است لذا در یادگیری آن بهتر است مرحله مرحله جلو رفت. سعی نکنید تمام آنها را یکبار یاد بگیرید. بهتر است برای شروع، ابتدا فقط ابزارهای آنچه که می خواهید انجام دهید را امتحان کنید. بسیاری از این ابزارها می‌توانند به صورت ترکیبی برای دستیابی به نتیجه مطلوب مورد استفاده قرار گیرند.

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کلمات کلیدی

نشان می‌دهد که چه کارهایی می‌توانید با این نرم‌افزار انجام دهید:

کتاب‌شناختی، کتاب‌سنجی، تحلیل استنادی، هم‌استنادی، زوج کتاب‌شناختی، تحلیل خوشه‌ای، تهیه نقشه‌های کتاب‌شناختی برای نقشه‌برداری با Pajek و NetDraw. نرم‌افزار از داده‌های ISI، SCI، SSCI، A&HCI استفاده می‌کند، همچنین می‌تواند سایر فرمت‌ها را نیز تبدیل کند.

نحوه نصب نرم افزار

BIBEXCEL

از طریق سایت:

<http://homepage.univie.ac.at/juan.gorraiz/bibexcel/>

و از بخش



سایز فایل (May 2018) : 2.44 MB (2,564,096 bytes)

هم چنین توصیه می شود دو فایل زیر نیز دانلود و در دایرکتوری نرم افزار، ترجیحاً در درایو C: قرار گیرند. لازم به ذکر است این دو فایل به سرعت نرم افزار آپدیت نمی شوند. [bibexcel.hlp](#) و [bibexcel.cnt](#)

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BibExcel - A toolbox for bibliometricians, by Olle Persson. Version 2016-02-20

File Edit doc file Edit out-files Add data classify Analyze Misc Mapping Help

Select file here

C:\
BibExcel

1458992.pdf
Bibexcel to VOS viewer.ppt
bibexcel.cnt
bibexcel.exe
bibexcel.hlp
bibexcel-primer.pdf
comdlg32.ocx
HowToUseBibexcel.pdf

c:

View file

Select field to be analysed, view file to get info about which fields are available.

Prep

Select documents Start

Select rows Start

The Box

Type new file name here

The List Copy Paste Add Clear Delete 1st column

Frequency distribution

Select type of unit

Start Min number

Sort descending

Remove duplicates

Max number

Make new out-file

Any number

Fractionalize

Old Tag Add field to units

New Tag Add new field to docs

Search View whole file

BIBEXCEL

1

فرمت فایل استخراج شده از WOS باید به صورت ۵۰۰ تا ۵۰۰ تا
و به صورت:

“Save to a Plain text”

فرمت فایل استخراج شده از Scopus باید به صورت:

save as complete records and “ris-format”

2

سطر اول داده استخراج شده از WOS باید همانند داده‌ای که
در HistCite استفاده می‌شود، به شرح زیر باید تغییر نماید:

از

FN Clarivate Analytics Web of Science VR 1.0

به

FN ISI Export Format VR 1.0

نحوه ورود داده به نرم افزار (Danell and Schneider 2017; Pilkington 2006)

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پس از انتخاب مسیر از ۱ به بخش ۲ رفته و مراحل ۳ و ۴ را تک به تک برای همه فایل های txt خود را انجام می دهیم.

The screenshot displays the BibExcel software interface. The window title is "BibExcel - A toolbox for bibliometricians, by Olle Persson. Version 2016-02-20". The menu bar includes "File", "Edit doc file", "Edit out-files", "Add data classify", "Analyze", "Misc", "Mapping", and "Help".

The "Select file here" section shows a file explorer view with the following files listed:

- 1001TA1500HighlyCited.txt
- 1501TA1695HighlyCited.txt
- 1TA500HighlyCited.txt
- 501TA1000HighlyCited.txt

Red arrows and numbers 1 and 2 indicate the steps: 1 points to the "MyData" folder, and 2 points to the list of files. The address bar shows "c:\bibexcel\mydata" and a "View file" button is present.

The "Select field to be analysed, view file to get info about which fields are available." section has a dropdown menu and a "Prep" button.

The "Select documents" and "Select rows" sections each have a "Start" button.

The "The Box" section is currently empty.

The "Type new file name here" section has an empty text input field.

The "The List" section has buttons for "Copy", "Paste", "Add", "Clear", and "Delete 1st column".

The "Frequency distribution" section includes a "Select type of unit" dropdown, a "Start" button, and checkboxes for "Sort descending", "Remove duplicates", "Make new out-file", and "Fractionalize". It also has input fields for "Min number", "Max number", and "Any number".

At the bottom, there are input fields for "Old Tag" and "New Tag", each with an "Add field to units" or "Add new field to docs" button. A "Search" button and a "View whole file" button are also visible.

The page number "8" is located in the bottom right corner.

نحوه ورود داده به نرم افزار (Danell and Schneider 2017; Pilkington 2006)

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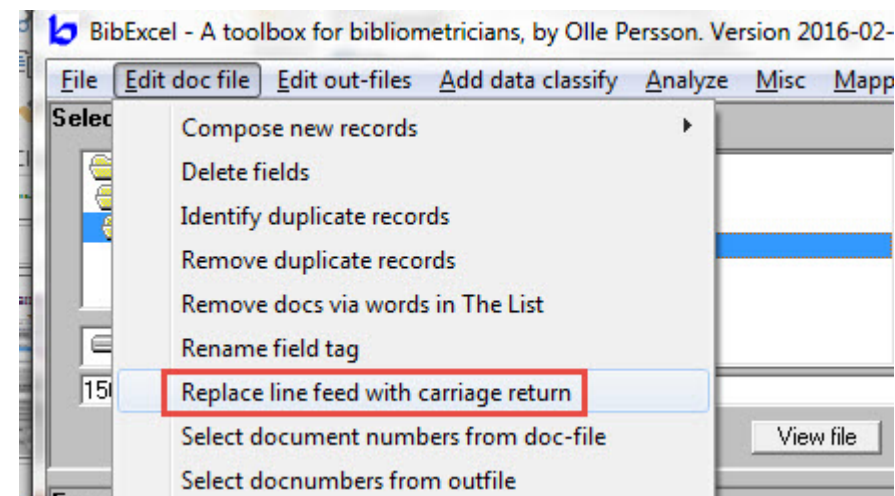
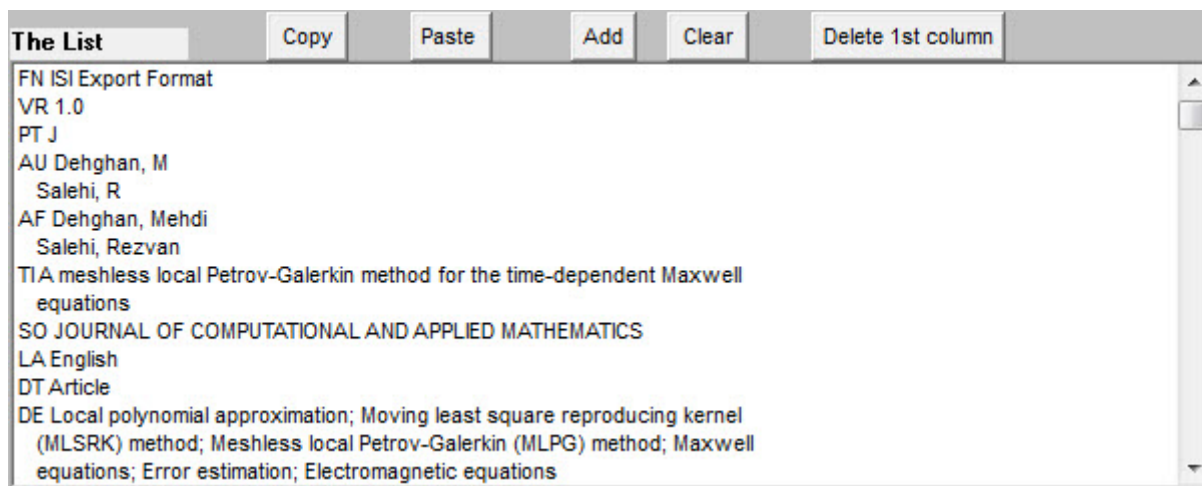
3

ایجاد یک
tx2-file

پس از انتخاب هر فایل txt، از بخش Edit doc File گزینه
Replace line feed with carriage return
را انتخاب می‌نمائیم.

4

که محتوای آن در بخش List مشاهده می‌شود



نحوه ورود داده به نرم افزار (Danell and Schneider 2017; Pilkington 2006)

BIBEXCEL

نشانی فایل .tx2 اول را در بخش زیر تایپ می کنیم (و یا برای انتقال نام فایل در باکس مربوطه Double-Click می کنیم):

The screenshot shows the BibExcel software interface. The window title is "BibExcel - A toolbox for bibliometricians, by Olle Persson. Version 2016-02-20". The menu bar includes "File", "Edit doc file", "Edit out-files", "Add data classify", "Analyze", "Misc", "Mapping", and "Help".

The "Select file here" section shows a file explorer view with the "MyData" folder selected. A list of files is displayed, with "1ta500highlycited.tx2" highlighted. A red arrow points from this file to the "Type new file name here" input field, which contains the path "C:\BibExcel\MyData\1ta500highlycited.tx2".

The "Frequency distribution" section has a "Select type of unit" dropdown, a "Start" button, and checkboxes for "Sort descending", "Remove duplicates", "Make new out-file", and "Fractionalize". There are also input fields for "Min number", "Max number", and "Any number".

The "The List" section shows a list of bibliographic entries, including "FN ISI Export Format", "VR 1.0", "PT J", "AU Sheikholeslami, M", "Rokni, HB", "AF Sheikholeslami, Mohsen", "Rokni, Houman B.", "TI Simulation of nanofluid heat transfer in presence of magnetic field: A review", "SO INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER", "LA English", "DT Review", "DE Nanofluid; Magnetohydrodynamic; Ferrohydrodynamic; Numerical method; Convection heat transfer; Analytical method", and "ID LATTICE BOLTZMANN METHOD; LID-DRIVEN CAVITY; BUONGIORNOS".

Buttons for "Copy", "Paste", "Add", "Clear", and "Delete 1st column" are visible above the list. At the bottom right, there are "Search" and "View whole file" buttons.

نحوه ورود داده به نرم افزار (Danell and Schneider 2017; Pilkington 2006)

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The screenshot shows the BibExcel software interface. A file menu is open, highlighting the option "Append all selected files to another". A red arrow points to this option. In the background, a list of files is visible, with "1501ta1695highlyCited.tx2" selected. The main window displays a list of documents with a search bar and various controls. The list contains a detailed entry for a paper by Abulhassani, Jafar, Manzoori, Jamshid L., et al. (2008) from the Journal of Chromatography A.

سپس سایر
فایل های
tx2 را
گرفته و از
file گزینه
زیر را
انتخاب
می کنیم:

نحوه ورود داده به نرم افزار (Danell and Schneider 2017; Pilkington 2006)

BIBEXCEL

فایل اول tx2 حالا حاوی کل اطلاعات فایل های دیگر نیز می باشد.

FN ISI Export Format
VR 1.0
PT J
AU Sheikholeslami, M
Rokni, HB
AF Sheikholeslami, Mohsen
Rokni, Houman B.
TI Simulation of nanofluid heat transfer in presence of magnetic field: A
review
SO INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER
LA English
DT Review
DE Nanofluid; Magnetohydrodynamic; Ferrohydrodynamic; Numerical method;
Convection heat transfer; Analytical method
ID LATTICE BOLTZMANN METHOD; LID-DRIVEN CAVITY; BUONGIORNOS

Search View whole file

نحوه ورود داده به نرم افزار (Danell and Schneider 2017; Pilkington 2006)

BIBEXCEL

برای
Scopus

The screenshot shows the BibExcel software interface. The 'Misc' menu is open, and the 'Convert from Scopus RIS format' option is highlighted with a purple oval. A purple arrow points from this menu item to a dialog box titled 'bibexcel'. The dialog box contains the following text:

This procedure converts records downloaded via Web of Science Welcome (v4.3.1 - ISI2), using save to file with addresses and cited references, to Dialog format. A typical record should have field tags in two letters, followed by a blank. The ER-field must end each record.
NOTE: I will put CR-field in CD-field!!

Buttons for 'OK' and 'Cancel' are visible at the bottom of the dialog box.

BIBEXCEL

The List Copy Paste Add Clear Delete 1st column

FN ISI Export Format
VR 1.0
PT J
AU Dehghan, M
Salehi, R
AF Dehghan, Mehdi
Salehi, Rezvan
TIA meshless local Petrov-Galerkin method for the time-dependent Maxwell equations
SO JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS
LA English
DT Article
DE Local polynomial approximation; Moving least square reproducing kernel (MLSRK) method; Meshless local Petrov-Galerkin (MLPG) method; Maxwell equations; Error estimation; Electromagnetic equations

PT- J]
AU- Sadeghi M; Nemati A; Ghavimi A; Yari M]
AF- Sadeghi Mohsen; Nemati, Arash; Ghavimi, Alireza; Yari, Mortaza]
TI- Thermodynamic analysis and multi-objective optimization of various ORC (organic Rankine cycle) configurations using
SO- ENERGY]
LA- English]
DT- Article]
DE- ORC (organic Rankine cycle); Zeotropic mixtures; STORC (series two-stage ORC); Geothermal water; Multi-objective
ID- WASTE HEAT-RECOVERY; PERFORMANCE ANALYSIS; WORKING FLUIDS; EXERGY ANALYSIS; SYSTEM; DRIVEN; E]
AB- In this paper, the performance of the ORC (organic Rankine cycle) powered by geothermal water, in three different
C1- [Sadeghi, Mohsen; Nemati, Arash; Ghavimi, Alireza; Yari, Mortaza] Univ Tabriz, Fac Mech Engn, Tabriz, Iran]
RP- Yari, M (reprint author), Univ Tabriz, Fac Mech Engn, Tabriz, Iran]
EM- myari@tabrizu.ac.ir]
CD- Bianchi M, 2011, V88, P1500, APPL ENERG, DOI 10.1016/j.apenergy.2010.11.013; Deethayat T, 2015, V6, P155, CAS
NR- 27]

501TA1695HighlyCited.txt
ta500highlycited.doc
ta500highlycited.txz
TA500HighlyCited.txt
x01ta1000highlycited.tx2

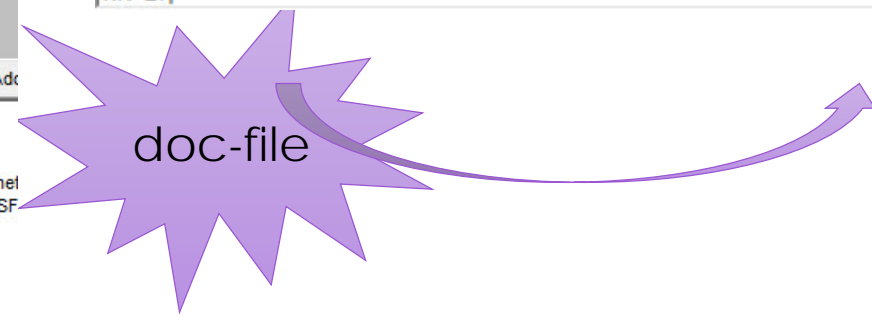
View file

Start Min number Max number

The Box
Your new file is:c:\bibexcel\mydata
\\ta500highlycited.doc

The List Copy Paste Add

PT- J]
AU- Sheikholeslami M; Rokni HBJ]
AF- Sheikholeslami Mohsen, Rokni, Rouman B]
TI- Simulation of nanofluid heat transfer in presence of magnet
SO- INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSF
LA- English]
DT- Review]



BIBEXCEL

BibExcel - A toolbox for bibliometricians, by Olle Persson. Version 2016-02-20

File Edit doc file Edit out-files Add data classify Analyze Misc Mapping Help

Select file here

c:\
BibExcel
MyData

1001ta1500highlycited.tx2
1001TA1500HighlyCited.txt
1501ta1695highlycited.tx2
1501TA1695HighlyCited.txt
1ta500highlycited.doc
1ta500highlycited.tx2
1TA500HighlyCited.txt
501ta1000highlycited.tx2

c:
1ta500highlycited.doc

View file

Select field to be analysed, view file to get info about which fields are available.

Combo3
CR- Cited reference
Any ; separated field
JN- Journal
Blank-separated words (e.g. title)
Whole field intact

Prep

Select documents Start

Select rows Start

Type new file name here
c:\bibexcel\mydata\1ta500highlycited.tx2

Frequency distribution
Select type of unit

Start Min number
Sort descending
Remove duplicates
Make new out-file
Fractionalize
Max number
Any number

Old Tag AU Add field to units

New Tag Add new field to docs

The List Copy Paste Add Clear Delete 1st column

PT- J|
AU- Sheikholeslami M; Rokni HB|
AF- Sheikholeslami Mohsen; Rokni, Houman B|
TI- Simulation of nanofluid heat transfer in presence of magnetic field: A review|
SO- INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER|
LA- English|
DT- Review|
DE- Nanofluid; Magnetohydrodynamic; Ferrohydrodynamic; Numerical method; Convection heat transfer; Analytical metho|
ID- LATTICE BOLTZMANN METHOD; LID-DRIVEN CAVITY; BUONGIORNO'S MATHEMATICAL-MODEL; MHD MIXED CONVEC|
AB- Existence of magnetic field causes heat transfer to reduce in free convection but in several engineering uses for e|
C1- [Sheikholeslami, Mohsen] Babol Noshirvani Univ Technol, Dept Mech Engr, Babol Sar, Iran; [Rokni, Houman B.] Tenne|
RP- Sheikholeslami, M (reprint author), Babol Noshirvani Univ Technol, Dept Mech Engr, Babol Sar, Iran|
EM- mohsen.sheikholeslami@yahoo.com; houman.b.rokni@gmail.com|
CD- Abbas Z, 2016, V215, P756, J MOL LIQ, DOI 10.1016/j.molliq.2016.01.012; Abu-Nada E, 2008, V35, P657, INT COMMU|
NR- 221|

Row no: 9824 Search View whole file

BIBEXCEL

BibExcel - A toolbox for bibliometricians, by Olle Persson. Version 2016-02-20

File Edit doc file Edit out-files Add data classify Analyze Misc Mapping Help

Select file here

c:\
BibExcel
MyData

1001ta1500highlycited.tx2
1001TA1500HighlyCited.txt
1501ta1695highlycited.tx2
1501TA1695HighlyCited.txt
1ta500highlycited.doc
1ta500highlycited.out
1ta500highlycited.tx2
1TA500HighlyCited.txt

c:
1ta500highlycited.out

View file

Select field to be analysed, view file to get info about which fields are available.

Any ; separated field Prep

Select documents Start

Select rows Start

Type new file name here

c:\bibexcel\mydata\1ta500highlycited.tx2

Frequency distribution

Select type of unit

Start Min number

Sort descending

Remove duplicates Max number

Make new out-file Any number

Fractionalize

Old Tag AU Add field to units

New Tag Add new field to docs

The Box

Doc: 1695 prepared, n of units:137477 Look at:c:\bibexcel\mydata\1ta500highlycited.out

The List Copy Paste Add Clear Delete 1st column

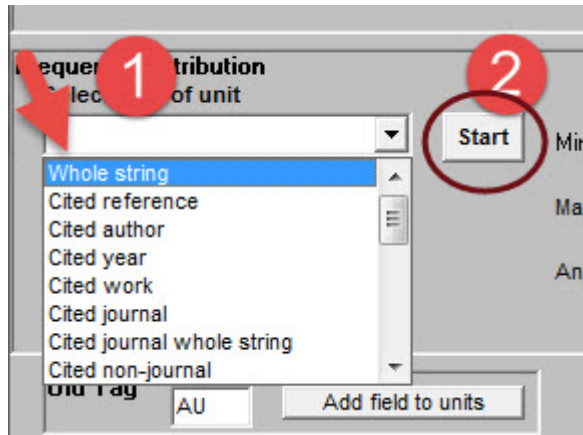
1	Rokni HB
1	Sheikholeslami M
2	Shehzad SA
2	Sheikholeslami M
3	Aljani Z
3	Khastan A
3	Perfileva I
4	Ghadiri M
4	Shafiei N
5	Kumar R
5	Shehzad SA
5	Sheikholeslami M
5	Sood S
6	Rokni HB
6	Sheikholeslami M

This is called "The List" where files are shown and you may do a lot of things with it!

Row no: 9824 Search View whole file

نحوه ساخت فایل CIT و محاسبه فراوانی کسری

BIBEXCEL



BibExcel - A toolbox for bibliometricians, by Olle Persson. Version 2016-02-20

File Edit doc file Edit out-files Add data classify Analyze Misc Mapping Help

Select file here

- c:\
 - BibExcel
 - MyData
- c:
 - 1001ta1500highlycited.tx2
 - 1001TA1500HighlyCited.txt
 - 1501ta1695highlycited.tx2
 - 1501TA1695HighlyCited.txt
 - 1ta500highlycited.cit
 - 1ta500highlycited.doc
 - 1ta500highlycited.out
 - 1ta500highlycited.tx2

1ta500highlycited.out

Select field to be analysed, view file to get info about which fields are available.

Any ; separated field Prep

Select documents Start

Select rows Start

The Box

Processing! File size in bytes: 2125688

Type new file name here

c:\bibexcel\mydata\1ta500highlycited.out

The List

Copy Paste Add Clear Delete 1st column

1	Rokni HB
1	Sheikholeslami M
2	Shehzad SA
3	Sheikholeslami M
3	Aljani Z
3	Khastan A
3	Perfileva I
4	Ghadiri M
5	Shafiei N
5	Kumar R
5	Shehzad SA
5	Sheikholeslami M
5	Sood S
6	Rokni HB

Frequency distribution

Select type of unit

Whole string Start

min number Max number Any number

Sort descending

Remove duplicates

Make new out-file

Fractionalize

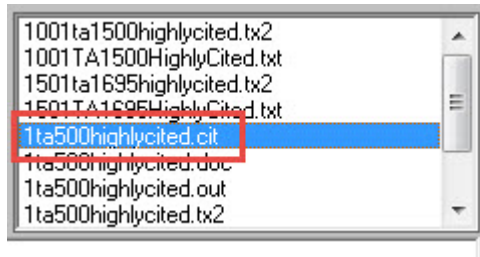
Old Tag Add field to units

New Tag Add new

42.209	Sheikholeslami M
19.427	Ganji DD
12.035	Valipour M
11.563	Dehghan M
9.866	Ebrahimi F
9.166	Barati MR
8.792	Akhavan O
8.106	Ghaedi M
7.744	Afrand M
6.416	Abbasbandy S
6.333	Mobayen S
6.314	Rashidi MM
6.165	Momeni MM
5.492	Karimi-Maleh H
5.448	Ansari R

Processing! Fractions will be used for frequencies. Please, consider removing duplicates!

OK Cancel



BIBEXCEL

BibExcel - A toolbox for bibliometricians, by Olle Persson. Version 2016-02-20

File Edit doc file Edit out-files Add data classify Analyze Misc Mapping Help

Select file here

c:\
BibExcel
MyData

1001ta1500highlycited.tx2
1001TA1500HighlyCited.txt
1501ta1695highlycited.tx2
1501TA1695HighlyCited.txt
1ta500highlycited.cit
1ta500highlycited.doc
1ta500highlycited.out
1ta500highlycited.tx2

c:
1ta500highlycited.doc

View file

Frequency distribution

Select type of unit
Whole string Start Min number
 Sort descending Max number
 Remove duplicates Any number
 Make new out-file
 Fractionalize

Old Tag AU Add field to units
New Tag Add new field to docs

Select field to be analysed, view file to get info about which fields are available.

Any ; separated field Prep

Select documents Start

Select rows Start

The Box

View file: Sec:60 Units:23437

Type new file name here
c:\bibexcel\mydata\1ta500highlycited.out

The List Copy Paste Add Clear Delete 1st column

PT- J|
AU- Sheikholeslami M; Rokni HB|
AF- Sheikholeslami Mohsen; Rokni, Houman B|
TI- Simulation of nanofluid heat transfer in presence of magnetic field: A review|
SO- INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER|
LA- English|
DT- Review|
DE- Nanofluid; Magnetohydrodynamic; Ferrohydrodynamic; Numerical method; Convection heat transfer; Analytical metho|
ID- LATTICE BOLTZMANN METHOD; LID-DRIVEN CAVITY; BUONGIORNOS MATHEMATICAL-MODEL; MHD MIXED CONVEC|
AB- Existence of magnetic field causes heat transfer to reduce in free convection but in several engineering uses for ex|
C1- [Sheikholeslami, Mohsen] Babol Noshirvani Univ Technol, Dept Mech Engr, Babol Sar, Iran; [Rokni, Houman B.] Tenne|
RP- Sheikholeslami, M (reprint author), Babol Noshirvani Univ Technol, Dept Mech Engr, Babol Sar, Iran|
EM- mohsen.sheikholeslami@yahoo.com; houman.b.rokni@gmail.com|
CD- Abbas Z, 2016, V215, P756, J MOL LIQ, DOI 10.1016/j.molliq.2016.01.012; Abu-Nada E, 2008, V35, P657, INT COMMU|
NR- 221|

Search View whole file

1 2 3 4 5

نحوه تغییر نام فایل OUT

BIBEXCEL

BibExcel - A toolbox for bibliometricians, by Olle Persson. Version 2016-02-20

File Edit doc file Edit out-files Add data classify Analyze Misc Mapping Help

Copy file
Rename file **2**
Delete File
Make new directory
Remove directory
Append one file to another
Append all selected files to another
Save The List to a file
Exit

Select field to be analysed, view file to get info about which fields are available.
Any ; separated field Prep

Select documents Start

Select rows Start

The Box
Doc: 1695 prepared, n of units:137477 Look at: c:\bibexcel\mydata\1ta500highlycited.out

Type new file name here
c:\bibexcel\mydata\1ta500highlycited AUTHOR NORMALIZED.out **1**

The List Copy Paste Add Clear Delete 1st column

1	Rokni HB
1	Sheikholeslami M
2	Shehzad SA
2	Sheikholeslami M
3	Aljani Z
3	Khastan A
3	Perfileva I
4	Ghadiri M
4	Shafiei N
5	Kumar R
5	Shehzad SA
5	Sheikholeslami M
5	Sood S
6	Rokni HB
6	Sheikholeslami M

Select type of unit
Whole string Start Min number
 Sort descending Max number
 Remove duplicates Any number
 Make new out-file
 Fractionalize

Old Tag AU Add field to units

New Tag Add new field to docs

Search View whole file

نحوہ ساخت فایل CIT و محاسبہ فراوانی کلی نویسنده و کی اطلاعات

BIBEXCEL

BibExcel - A toolbox for bibliometricians, by Olle Persson. Version 2016-02-20

File Edit doc file Edit out-files Add data classify Analyze Misc Mapping Help

Select file here

c:\
BibExcel
MyData

1001ta1500highlycited.tx2
1001TA1500HighlyCited.txt
1501ta1695highlycited.tx2
1501TA1695HighlyCited.txt
1ta500highlycited author normalized.cit
1ta500highlycited AUTHOR NORMALIZED.
1ta500highlycited.cit
1ta500highlycited.doc

c:
1ta500highlycited author normalized.cit

View file

Select field to be analysed, view file to get info about which fields are available.

Any ; separated field Prep

Select documents Start

Select rows Start

The Box

View file:c:\bibexcel\mydata
\1ta500highlycited author normalized.cit Sec:4
Units:23437 Unique:23437

Type new file name here

c:\bibexcel\mydata\1ta500highlycited AUTHOR NORMALIZED.out

Frequency distribution

Select type of unit

Whole string 1 Start Min number Max number Any number

Sort descending

Remove duplicates

Make new out-file

Fractionalize

Old Tag AU Add field to units

New Tag Add new field to docs

The List

Copy Paste Add Clear Delete 1st column

161	Kumar A
102	Jain S
92	Banerjee S
91	Sheikholeslami M
88	Bhattacharya S
87	Finger M
86	ber M
86	obri F
84	Sharma A
83	Sharma V
82	Malik S
82	Belyaev A
80	Gupta R
80	Wang J
77	Gomez JP

Row no: 501

Search View whole file

20

bibexcel

Copies only selected rows from The List to clipboard!
You may then switch to Excel or Word and paste there!

5 OK Cancel

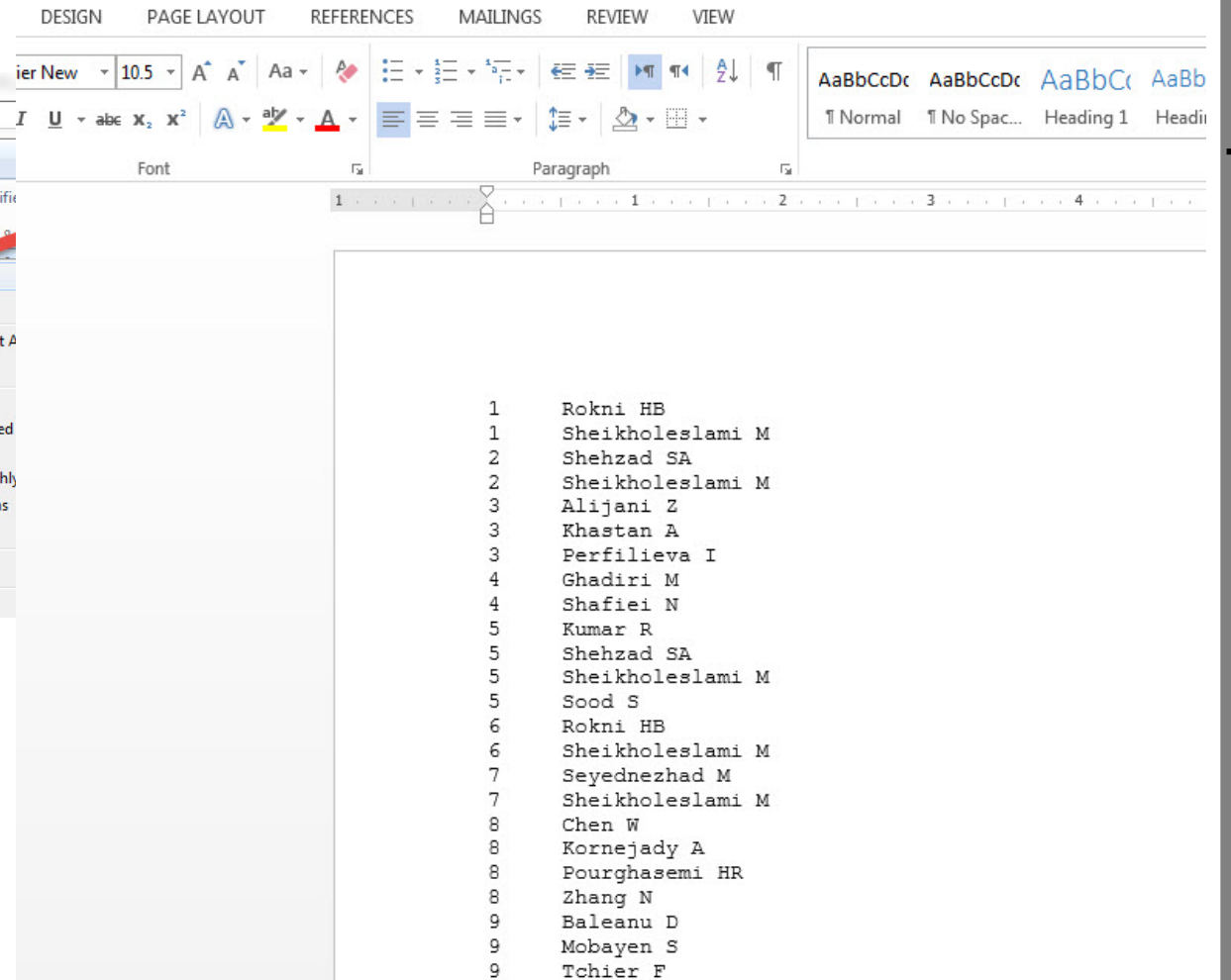
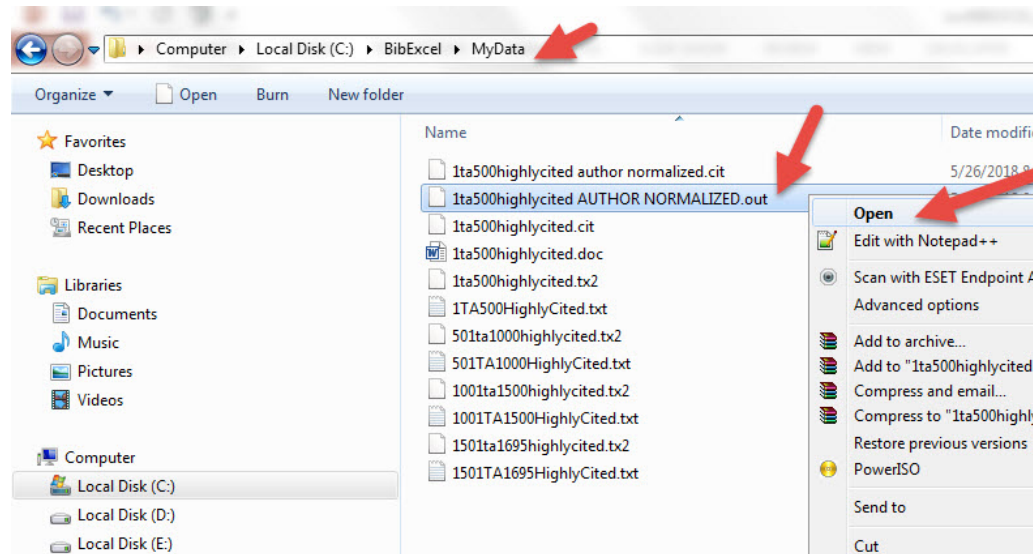
BIBEXCEL

	A	B	C	D	E	F	G	H	I	J
1	161	Kumar A								
2	102	Jain S								
3	92	Banerjee S								
4	91	Sheikholeslami M								
5	88	Bhattacharya S								
6	87	Finger M								
7	86	Weber M								
8	86	Fabbri F								
9	84	Sharma A								
10	83	Sharma V								
11	82	Malik S								
12	82	Belyaev A								
13	80	Gupta R								
14	80	Wang J								
15	77	Gomez JP								
16	76	Kim H								
17	72	Vorobyev A								
18	71	Liu H								
19	70	Li W								
20	68	Rose A								
21	65	Mao Y								
22	63	Andreev V								
23	61	Muller T								

انتقال باز کردن فایل WORD در OUT

BIBEXCEL

1ta500highlycited AUTHOR NORMALIZED.out - Word



BIBEXCEL

The screenshot displays the BibExcel software interface. The main window shows a file explorer on the left with a list of files, including '1501TA1695HighlyCited.txt' and '11a500highlycited.doc'. The 'Analyze' menu is open, showing options like 'Add frequencies', 'Calculate author+affiliation fractions', and 'Co-occurrence'. The 'Co-occurrence' option is selected, and a sub-menu is visible with 'Make pairs via listbox' highlighted. Two dialog boxes are overlaid on the interface. The first dialog box asks 'Do you, for whatever reason, want to keep the ordering of units/words?' with 'Yes', 'No', and 'Cancel' buttons. The second dialog box provides instructions: 'For some analysis you may want the citation, or occurrence, frequency of units to be included as parts of the co-occurrence pairs. For example in order to normalize co-occurrence frequencies. If you answer yes, the frequency, will appear after a \$-sign to the right of the unit! ...but be sure that you have the frequencies to the left in 'The List!' with 'Yes', 'No', and 'Cancel' buttons. Red arrows point to the 'No' buttons in both dialog boxes.

1 Analyze Misc Mapping Help

- Add frequencies
- Calculate author+affiliation fractions
- Co-occurrence** **2**
 - Select units via listbox
 - Make pairs via listbox**
 - Exclusive co-occurrence
 - Make pairs for coco-analysis
 - Select Units via file
 - Make pairs via file
 - Cluster pairs
 - Join clusters
- Citations among docs
- Docs and units matrices
- h-index
- h-index growth, a preparatory step
- h-index from pairs, a preparatory step
- List units in pairs
- Make a matrix for MDS etc
- Make a pair list from a matrix
- Make a pairlist including zero pairs
- Mean value
- Percentiles
- Select pairs from pairlist
- Select strongest links
- Shared units/coupling
- Units per record
- Year lagging of pairs

Do you, for whatever reason, want to keep the ordering of units/words?

Yes No Cancel

bibexcel

For some analysis you may want the citation, or occurrence, frequency of units to be included as parts of the co-occurrence pairs. For example in order to normalize co-occurrence frequencies. If you answer yes, the frequency, will appear after a \$-sign to the right of the unit!

...but be sure that you have the frequencies to the left in 'The List'!

Yes No Cancel

BibExcel - A toolbox for bibliometricians, by Olle Persson. Version 2016-02-20

File Edit doc file Edit out-files Add data classify Analyze Misc Mapping Help

Select file here

c:\
BibExcel
MyData

1501TA1695HighlyCited.txt
1ta500highlycited author normalized.cit
1ta500highlycited AUTHOR NORMALIZED.
1ta500highlycited.cit
1ta500highlycited.doc
1ta500highlycited.doc
1ta500highlycited.out
1ta500highlycited.tx2

c:\
1ta500highlycited.doc

View file

Select field to be analysed, view file to get info about which fields are available.

Any ; separated field Prep

Select documents Start

Select rows Start

The Box

Doc: 1695 prepared, n of units:137477 Look at:c:\bibexcel\mydata\1ta500highlycited.out

Type new file name here

c:\bibexcel\mydata\1ta500highlycited.out

Frequency distribution

Select type of unit

Start Min number

Sort descending

Remove duplicates

Make new out-file

Fractionalize

Max number

Any number

Old Tag AU Add field to units

New Tag Add new field to docs

The List Copy Paste Add Clear Delete 1st column

4	Gupta R	Horino M	
4	Antonio CAT	Gupta R	
4	Gupta R	Khang YH	
4	Gupta R	Khubchandani J	
4	Gupta R	Hay SI	
4	Gupta R	Rai RK	
4	Dandona R	Gupta R	
4	Gupta R	Malekzadeh R	
4	Dandona L	Gupta R	
4	Barac A	Gupta R	
4	Gupta R	Murray CJL	
4	Gupta R	Rafay A	
4	Gupta R	Miller TR	
3	Dandona R	Khubchandani J	
3	Gupta R	Ranabhat CI	

Row no: 4

Search View whole file

بررسی هم استنادی، ساخت فایل MIN

BIBEXCEL

Frequency distribution

Select type of unit

Start

Min number

4

Sort descending

Remove duplicates

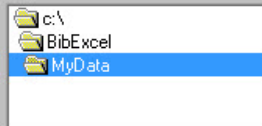
Make new out-file

Fractionalize

Max number

Any number

Select file here



c:\
BibExcel
MyData

Frequency distribution

Select type of unit

Sort descending

Remove duplicates

Make new out-file

Fractionalize

Old Tag

AU

Add file

New Tag

Add new

Convert Upper Lower Case

Compose multi outfile

Compress outfile (1 row per field)

Convert comma-delimited addresses

Decompress outfile

Decompress - extra

Decompress - extra II

Decompress blank separated out-file

Delete low frequencies

Delete high frequencies

Extract publication year from references

Extract author name and address from C1 field

Extract authors in brackets from C1 field

Fill in numbers left of string

Insert a separator

Keep only 1ta500highlycited.cit

Keep only 1ta500highlycited.coc

Keep only 1ta500highlycited.doc

Keep Min 1, 500highlycited.min

Levenshtein 1ta500highlycited.out

List only 1ta500highlycited.tx2

Make cite 501ta1000highlycited.tx2

Min, max

New citation

Random

Random

Remove

Remove

Remove

Remove reprint author

Remove rows via words in The List

Remove what's in the Box from file (also with replace)

Select field to be analysed, view file to get info about which fields are available.

Any ; separated field

Prep

The Box

Look at: c:\bibexcel\mydata
1ta500highlycited.min

The List

Copy

Paste

Add

4	Gupta R	Horino M
4	Antonio CAT	Gupta R
4	Gupta R	Khang YH

Start

Min number

2

تهیه فایل .NET برای سایر نرم افزارها

BIBEXCEL

The screenshot shows the BibExcel software interface. The title bar reads "BibExcel - A toolbox for bibliometricians, by Olle Persson. Version 2016-02-20". The menu bar includes "File", "Edit doc file", "Edit out-files", "Add data classify", "Analyze", "Mapping", and "Help".

Under the "Mapping" menu (marked with a red circle '2'), the following options are visible:

- Create net-file for Pajek, VOSviewer, Mapequation, NetDraw, Ucinet etc (marked with a red circle '3')
- Create vec-file
- Create clu-file
- Create vel-file from net-file
- Merge two net-files
- Geographical mapping

The "Select file here" section shows a file explorer with "c:\BibExcel\MyData" selected. A list of files is shown, with "1ta500highlycited.min" selected. Below this, the file "1ta500highlycited.min" is entered in a text field.

The "Frequency distribution" section has a "Select type of unit" dropdown menu. The "Min" input field (marked with a red circle '1') is highlighted with a red box. Other options include "Sort descending", "Remove duplicates", "Make new out-file", and "Fractionalize".

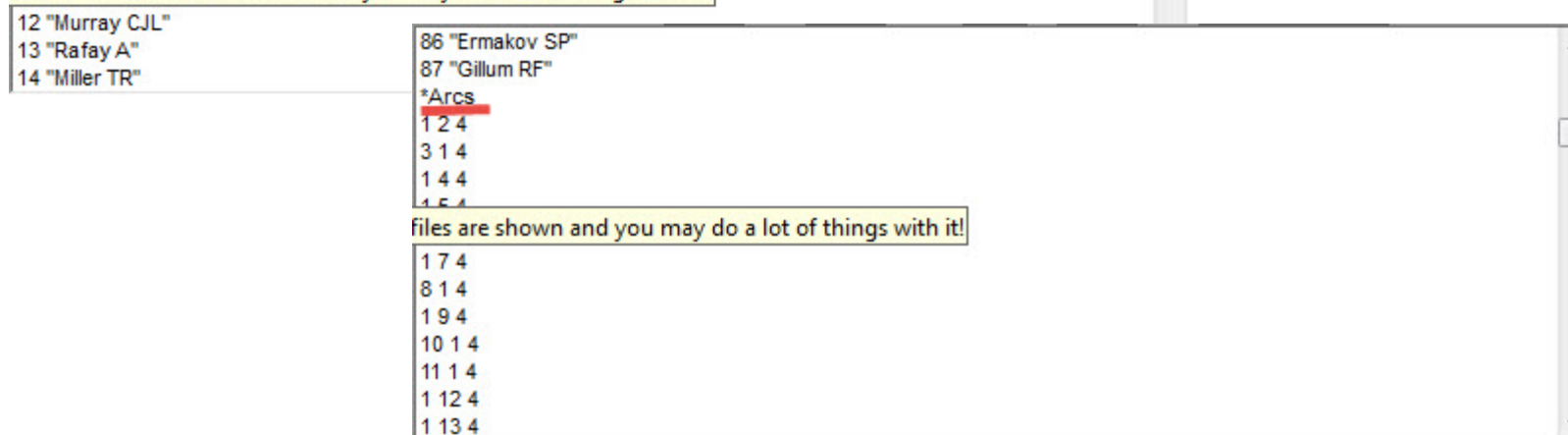
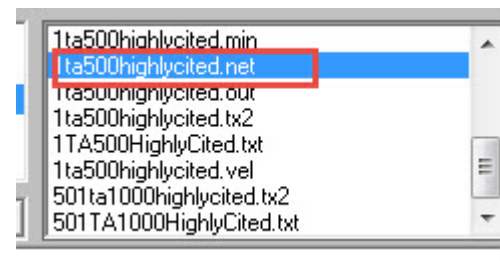
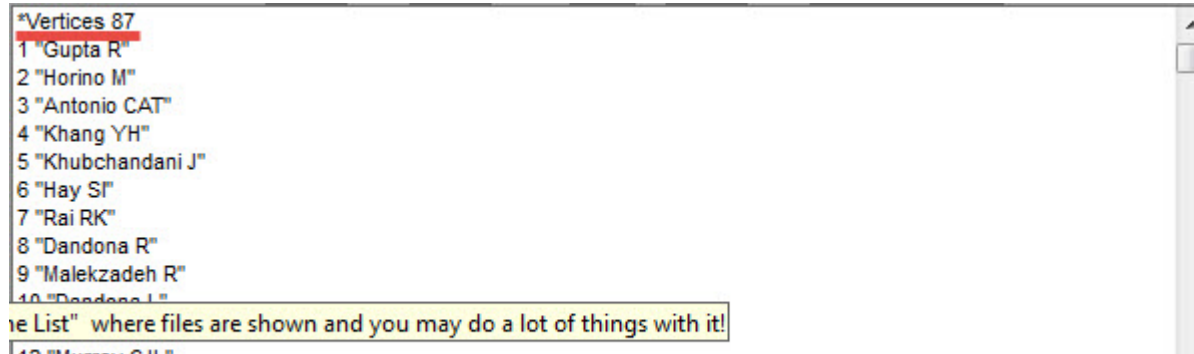
The "Old Tag" section has a dropdown menu set to "AU" and an "Add field to units" button. The "New Tag" section has an empty input field and an "Add new field to docs" button.

The "The List" section shows a table of authors and their counts:

Count	Author(s)
4	Gupta R Horino M
4	Antonio CAT Gupta R
4	Gupta R Khang YH
4	Gupta R Khubchandani J
4	Gupta R Hay SI
4	Gupta R Rai RK
4	Dandona R Gupta R
4	Gupta R Malekzadeh R
4	Dandona L Gupta R
4	Barac A Gupta R
4	Gupta R Murray CJL
4	Gupta R Rafay A
4	Gupta R Miller TR
3	Dandona R Khubchandani J
3	Gupta R Ranabhat CL

At the bottom, there is a "Row no: 4" indicator, a "Search" button, and a "View whole file" button.

BIBEXCEL



1. C:\BibExcel\MyData\1ta500highlycited.net (87)

Networks

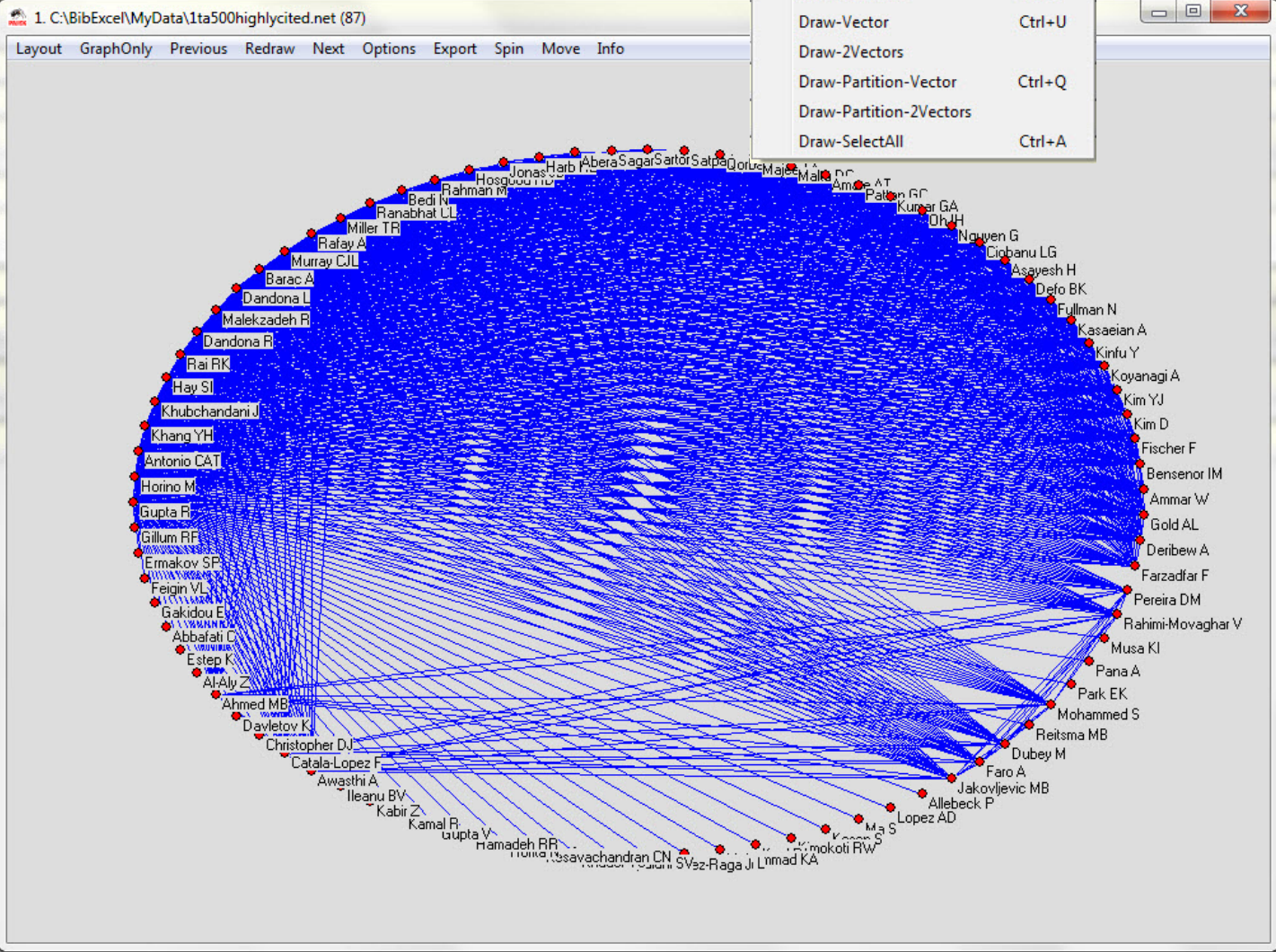
Partitions

Vectors

Permutations

Cluster

Hierarchy



- Draw Ctrl+G
- Draw-Partition Ctrl+P
- Draw-Vector Ctrl+U
- Draw-2Vectors
- Draw-Partition-Vector Ctrl+Q
- Draw-Partition-2Vectors
- Draw-SelectAll Ctrl+A

BIBEXCEL

The screenshot displays the BibExcel software interface. The main window is titled "BibExcel - A toolbox for bibliometricians, by Olle Persson. Version 2016-02-20". The interface is divided into several sections:

- Select file here:** A file explorer showing a directory structure with files like "1501TA1695HighlyCited.txt" and "1ta500highlycited.doc".
- Select field to be analysed:** A dropdown menu set to "Any : separated field" with a "Prep" button.
- Select documents:** A "Start" button.
- Select rows:** A "Start" button.
- The Box:** A text area with a tooltip that says "Will make an out-file for field selected in Old-tag".
- The List:** A list of bibliographic references with columns for "Copy", "Paste", "Add", "Clear", and "Delete".
- Frequency distribution:** A section with "Select type of unit" and various checkboxes like "Sort descending", "Remove duplicates", "Make new out-file", and "Fractionalize".
- Old Tag:** A field containing "CD" with an "Add field to units" button.
- New Tag:** A field with an "Add new field to docs" button.

A purple arrow points from the "The List" section to a larger, detailed view of the references on the right side of the image. The references listed are:

- Orozco D, 2005, P2375, ENCY SURF COLL SCI
- Pak BC, 1998, V11, P151, EXP HEAT TRANSFER, DOI 10.1080/08916159808946559
- Palm SJ, 2006, V26, P2209, APPL THERM ENG, DOI 10.1016/j.applthermaleng.2006.03.014
- Patel HE, 2005, V65, P863, PRAMANA-J PHYS, DOI 10.1007/BF02704086
- Rahman MM, 2011, V60, P543, NUMER HEAT TRA-APPL, DOI 10.1080/10407782.2011.609087
- Raju C. S. K., 2016, J MAGN MAGN MAT
- Raju C.S.K., 2016, ALEX ENG J
- Raju C.S.K., 2016, J MAL LIQ
- Raju C.S.K., 2016, V12, P9, J PURE APPL MATH
- Raju CSK, 2015, V19, P75, INT J ENG RES AFR, DOI 10.4028/www.scientific.net/JERA.19.75
- Raju CSK, 2016, V131, EUR PHYS J PLUS, DOI 10.1140/epjp/i2016-16267-3
- Raju CSK, 2016, V215, P115, J MOL LIQ, DOI 10.1016/j.molliq.2015.12.058
- Rashad AM, 2017, V422, P25, J MAGN MAGN MATER, DOI 10.1016/j.jmmm.2016.08.056
- Rosensweig R. E., 1985, FERROHYDRODYNAMICS
- Safarnia H, 2016, V131, EUR PHYS J PLUS, DOI 10.1140/epjp/i2016-16096-4

S] |

V110 This is called "T
009, V32, P213, J AUC
Dcm, 2009, V15, P51
05, V3, P366, J Phys A
V35, P1529, Med Sci
9, V35, P806, Semin T
0, V148, P522, Brit J H

File Edit doc file Edit out-files

Select file here

- c:\
- BibExcel
- MyData

c:
11a500highlycited.out

Frequency distribution
Select type of unit

- Sort descending
- Remove duplicates
- Make new out-file
- Fractionalize

Old Tag CD Add field to units

New Tag Add new field to docs

- Convert Upper Lower Case
- Compose multi outfile
- Compress outfile (1 row per field)
- Convert comma-delimited addresses
- Decompress outfile
- Decompress - extra
- Decompress - extra II
- Decompress blank separated out-file
- Delete low frequencies
- Delete high frequencies
- Extract publication year from references
- Extract author name and address from C1 field
- Extract authors in brackets from C1 field
- Fill in numbers left of string
- Insert a semicolon
- Keep only 0-9 and A-Z characters
- Keep only author's first initial
- Keep Min/ Max number of characters
- Levenshtein Distance calculation
- List only real words in out-file
- Make cited journal/not-journal and cited year from cited reference
- Min, max and mean values within doc nr
- New citation string
- Random sample
- Random rewiring of pairs
- Remove [...] from whole field
- Remove DOI from end of cited reference string
- Remove duplicate rows from sorted file
- Remove reprint author
- Remove rows via words in The List
- Remove what's in the Box from file (also with replace)
- Replace first column with "1"
- Replace tabs with semicolon+blank after second column
- Scopus tools
- Select columns
- Select row numbers between Min and Max

- Good for Cited reference strings
- Good for author/cited author in out-file
- Good for journal names

lot of things with it!

BibExcel - A toolbox for bibliometricians, by Olle Persson. Version 2016-02-20

File Edit doc file Edit out-files Add data classify Analyze Misc Mapping Help

Select file here

- c:\
- BibExcel
- MyData

11a500highlycited.lo
11a500highlycited.m
11a500highlycited.n
11a500highlycited.o
11a500highlycited.t
11a500highlyCited.
11a500highlycited.v
5011a1000highlycite

Frequency distribution
Select type of unit

Sort descending

Remove duplicates

Make new out-file

Fractionalize

Old Tag CD Add field to units

New Tag Add new field to docs

Row no: 7

Make citation links among WoS-records

Make citation links based on DOI

Extract publication year from ddc-file

Weighted Direct Citations (WDC)

215, P756, J Mol Liq, Doi 10.1016/J.Molliq.2016.01.012
8, V35, P657, Int Commun Heat Mass, Doi 10.1016/J.Ichheatmasstransfer.2007.11.004
9, V30, P679, Int J Heat Fluid Fl, Doi 10.1016/J.Ijheatfluidflow.2009.02.003
0, V49, P2339, Int J Therm Sci, Doi 10.1016/J.Ijthermalsci.2010.07.006
/407, P69, J Magn Magn Mater, Doi 10.1016/J.Jmmm.2016.01.038
V661, P20, Chem Phys Lett, Doi 10.1016/J.Cplett.2016.08.043
150, P405, Nature, Doi 10.1038/150405D0
V323, P1963, J Magn Magn Mater, Doi 10.1016/J.Jmmm.2011.02.039
98, V128, P39, Acta Mech, Doi 10.1007/B01463158
011, V50, P1706, Int J Therm Sci, Doi 10.1016/J.Ijthermalsci.2011.04.007
04, P7, Int J Heat Mass Tran, Doi 10.1016/J.Ijheatmasstransfer.2016.08.017
2013, V49, P427, Heat Mass Transfer, Doi 10.1007/S00231-012-1087-6
2013, V64, P240, Int J Therm Sci, Doi 10.1016/J.Ijthermalsci.2012.08.006
/68, P411, Numer Heat Tr A-Appl, Doi 10.1080/10407782.2014.986361
007, V28, P211, Int J Heat Fluid Fl, Doi 10.1016/J.Ijheatfluidflow.2006.04.006

Search View whole file

120070 L
highlycited.

Paste

CY SURF C
XP HEAT TR
APPL THER
PRAMANA-
43, NUMER HEAT TR A-APPL, DOI 10.1080/10407782.2011.61
N MAGN MAT
G J
Q
J PURE APPL MATH
INT J ENG RES AFR, DOI 10.4028/www.scientific.net/JERA.1
PHYS J PLUS, DOI 10.1140/epjp/i2016-16267-3
5, J MOL LIQ, DOI 10.1016/j.molliq.2015.12.058
25, J MAGN MAGN MATER, DOI 10.1016/j.jmmm.2016.08.056
ERROHYDRODYNAMICS
R PHYS J PLUS, DOI 10.1140/epjp/i2016-16096-4

BIBEXCEL videos

← → ↻ ⓘ personales.upv.es/mpesetm/



UNIVERSITAT
POLITÈCNICA
DE VALÈNCIA

En colaboración con



Videos of the course "Building collaborative networks". Polytechnic University of Valencia, July 2012. Updated to 2016 course <https://www.dropbox.com/sh/c9eioqls7ttwghc/AACCfwsaXLZveEUuXEgdQR-ia?dl=0>

If you are interested, please contact with Luis.M.Gonzalez@uv.es

To cite these materials, please use:

Peset, F. Gonzalez, L.M. (2012). Building networks with Bibexcel, Pajek, Vosviewer and GPSVisualizer. Available in: <http://personales.upv.es/mpesetm/>

1 Search

<https://www.dropbox.com/s/xyjwp7ueulhh4j8/1BusquedaPesetyGonzalezBibexcelSP.mp4?dl=0>

2 Add files and Prepare

<https://www.dropbox.com/s/lj4q8isrt41vdo8/2UniryprepararPesetyGonzalezBibexcelSP.mp4?dl=0>

3 Extract one field

<https://www.dropbox.com/s/g093o161fvy5gkb/3Extraer%20un%20campoPesetyGonzalezBibexcelSP.mp4?dl=0>

4 Frecuencias

<https://www.dropbox.com/s/3oag3qxe7puc6cw/4FrecuenciasPesetyGonzalezBibexcelSP.mp4?dl=0>

5 Normalization

<https://www.dropbox.com/s/bs7ar5oce0yuowx/5NormalizarPesetyGonzalezBibexcelSP.mp4?dl=0>

6 Coauthor

<https://www.dropbox.com/s/1ezjo5cvysm26pz/6CoautoriaPesetyGonzalezBibexcelSP.mp4?dl=0>

7 Citation local map

<https://www.dropbox.com/s/sr2nh185192g3u1/7MapaCitacionLocalPesetyGonzalezBibexcelSP.mp4?dl=0>

8 Cocite

<https://www.dropbox.com/s/2efh9kwukisrvgm/8CocitacionPesetyGonzalezBibexcelSP.mp4?dl=0>

9 Bibliographic coupling

<https://www.dropbox.com/s/2s4vo2i26stjciu/9BibliographicCouplingPesetyGonzalezBibexcelSP.mp4?dl=0>

10 Geolocalizer

<https://www.dropbox.com/s/v5wv3f6bfp1too/10GeolocalizacionPesetyGonzalezBibexcelSP.mp4?dl=0>

11 Geolocalizer with coauthor

<https://www.dropbox.com/s/o0tyrdbost6xtto/11GeolocalizacionyCoautoriaPesetyGonzalezBibexcelSP.mp4?dl=0>

برای مطالعه بیشتر

<http://homepage.univie.ac.at/juan.gorraiz/bibexcel/>

BibExcel exercises

- 1 [Download test data \(569 Web of Science records on co-citation studies\)](#)
- 2 [Preparing data from downloaded datasets](#)
- 3 [Mapping co-authorships with BibExcel](#)
- 4 [Shared units/coupling](#)
- 5 [Mapping science using BibExcel and Pajek](#)
- 6 [Making tables with BibExcel for Excel](#)
- 7 [Author addresses with BibExcel](#)
- 8 [Classification, recoding and adding new field tags with BibExcel](#)
- 9 [Matching source and cited journals](#)
- 10 [Calculating h-index using BibExcel](#)
- 11 [Making Google Maps](#)
- 12 [BibExcel to VOSviewer](#)
- 13 [Mapping and joining clusters](#)
- 14 [Matching records with titles](#)
- 15 [Building matrices and normalization](#)
- 16 [Price's Index Calculation](#)

Read more about the use of BibExcel in this ["Festschrift"](#)

منابع

- Persson, O., R. Danell, J. Wiborg Schneider. 2009. How to use Bibexcel for various types of bibliometric analysis. In *Celebrating scholarly communication studies: A Festschrift for Olle Persson at his 60th Birthday*, ed. F. Åström, R. Danell, B. Larsen, J. Schneider, p 9–24. Leuven, Belgium: International Society for Scientometrics and Informetrics
- Danell, Rickard, and Jesper Wiborg Schneider. 2017. "How to Use Bibexcel for Various Types of Bibliometric Analysis." (May).
- Pilkington, Alan. 2006. "Bibexcel - Quick Start Guide to Bibliometrics and Citation Analysis." : 1–11.
- <http://homepage.univie.ac.at/juan.gorraiz/bibexcel/>