

Example for Bibliometrix

Giuseppe Giordano
University of Salerno, Italy
ggiordano@unisa.it

Outline

- › Collecting data by querying Scopus database
- › Loading Bibliometrix library in R
- › Using BiblioShiny

π

Go to: www.scopus.com (login with credentials)

Scopus

[Search](#)

[Sources](#)

[Alerts](#)

[Lists](#)

[Help](#) 

[SciVal](#) 

[Activate Personalization](#) 



Document search

[Compare sources](#) >

☒ Documents ☐ Authors ☐ Affiliations [Advanced](#)

[Search tips](#) 

Search


E.g., "Cognitive architectures" AND robots

Article title, Abstract, Keywords



> Limit

[Reset form](#)

Search 



Help improve Scopus

About Scopus

[What is Scopus](#)

[Content coverage](#)

[Scopus blog](#)

[Scopus API](#)

[Privacy matters](#)

Language

[日本語に切り替える](#)

[切换到简体中文](#)

[切换到繁體中文](#)

[Русский язык](#)


Customer Service

[Help](#)

[Contact us](#)

ELSEVIER

[Terms and conditions](#)  [Privacy policy](#) 

Copyright © Elsevier B.V. . All rights reserved. Scopus® is a registered trademark of Elsevier B.V.

We use cookies to help provide and enhance our service and tailor content. By continuing, you agree to the [use of cookies](#).

 RELX

π

Looking for Vlado....

Scopus

[Search](#)

[Sources](#)

[Alerts](#)

[Lists](#)


[Help](#) 

[SciVal](#) 

[Activate Personalization](#) 



Author search

[Compare sources](#) 

☐ Documents ☒ Authors ☐ Affiliations [Advanced](#)

[Search tips](#) 

Author last name

Batagelj

e.g. Smith

×

Author first name

e.g. J.L.

Affiliation

e.g. University of Toronto

☐ Show exact matches only

Search 

 ORCID


e.g. 1111-2222-3333-444x

Search 

 [Help improve Scopus](#)


Filtering for the TRUE Vlado

Scopus

Search Sources Alerts Lists Help ∇ SciVal \nearrow Activate Personalization ∇ 

9 author results About Scopus Author Identifier \rightarrow

Author last name "Batagelj"

 Edit


☒ Show exact matches only

Refine results


Limit to Exclude

Source title

- ☐ Elektrotehnikski Vestnik
Electrotechnical Review
- ☐ Lecture Notes In Computer
Science Including Subseries
Lecture Notes In Artificial
Intelligence And Lecture
Notes In Bioinformatics
- ☐ Proceedings Elmar
International Symposium
Electronics In Marine
- ☐ 0|18th Imeko World Congress

Sort on: Document count (high-low) 

☐ All ∇ **Show documents** View citation overview Request to merge authors

	Author	Documents	<i>h</i> -index 	Affiliation	City	Country/Territory
(2) \rightarrow	<input type="checkbox"/> 1 Batagelj, Boštjan Batagelj, Bostjan Batagelj, B. Batagelj, Boštjan	81	9	University of Ljubljana	Ljubljana	Slovenia
(2) \rightarrow	<input type="checkbox"/> 2 Batagelj, Vladimir Batagelj, V.	70	22	University of Ljubljana	Ljubljana	Slovenia

View last title ∇

View last title ∇

Exporting Vlado's Documents Database

70 document results

[View secondary documents](#) [View 7 patent results](#)

AU-ID ("Batagelj, Vladimir" 56037441100)

[Edit](#) [Save](#) [Set alert](#) [Set feed](#)

Refine results

Limit to

Exclude

Access type ⓘ

☐ Open Access (11) >

☐ Other (59) >

Year

☐ 2018 (2) >

☐ 2017 (1) >

☐ 2016 (4) >

☐ 2015 (4) >

Analyze search results

2 Click to export

Show all abstracts

Sort on: Date (newest) ▼

Select ALL 1

All ▼

BibTeX export ▼

Download

View citation overview

View cited by

Add to List

...

Print

Email

PDF

	Document title	Authors	Year	Source	Cited by
<input checked="" type="checkbox"/> 1	Preface	Van Der Aalst, W., Batagelj, V., Glavaš, G., (...), Pelillo, M., Savchenko, A.	2018	CEUR Workshop Proceedings 2268	0
SFX					
<input checked="" type="checkbox"/> 2	Preface	van der Aalst, W.M.P., Batagelj, V., Glavaš, G., (...), Pelillo, M., Savchenko, A.V.	2018	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) 11179 LNCS, pp. V-VIII	0
SFX					

Selecting Records to export in .bib format

Export document settings ?

×

You have chosen to export 70 documents

Select your method of export

☐ MENDELEY ☐ RefWorks ☐ RIS Format
EndNote,
Reference Manager ☒ BibTeX ☐ Plain Text
Excel ASCII in HTML

What information do you want to export?

<input type="checkbox"/> Citation information	<input type="checkbox"/> Bibliographical information	<input type="checkbox"/> Abstract & keywords	<input type="checkbox"/> Funding details	<input type="checkbox"/> Other information
<input checked="" type="checkbox"/> Author(s)	<input checked="" type="checkbox"/> Affiliations	<input type="checkbox"/> Abstract	<input type="checkbox"/> Number	<input type="checkbox"/> Tradenames & manufacturers
<input checked="" type="checkbox"/> Document title	<input type="checkbox"/> Serial identifiers (e.g. ISSN)	<input checked="" type="checkbox"/> Author keywords	<input type="checkbox"/> Acronym	<input type="checkbox"/> Accession numbers & chemicals
<input checked="" type="checkbox"/> Year	<input type="checkbox"/> PubMed ID	<input checked="" type="checkbox"/> Index keywords	<input type="checkbox"/> Sponsor	<input type="checkbox"/> Conference information
<input checked="" type="checkbox"/> Source title	<input type="checkbox"/> Publisher		<input type="checkbox"/> Funding text	<input type="checkbox"/> Include references
<input checked="" type="checkbox"/> volume, issue, pages	<input type="checkbox"/> Editor(s)			
<input checked="" type="checkbox"/> Citation count	<input type="checkbox"/> Language of original document			
<input checked="" type="checkbox"/> Source & document type	<input type="checkbox"/> Correspondence address			
<input type="checkbox"/> DOI	<input type="checkbox"/> Abbreviated source title			

3

Cancel Export

Save and rename your “Scopus.bib” file

e.g. Vlado.bib

Open your R or Rstudio console

1. Install Package “Bibliometrix” and its dependencies

```
install.packages(“bibliometrix”, dependencies=TRUE)
```

2. Load the Library “Bibliometrix”

```
library("bibliometrix")
```

3. Run the command “Biblioshiny”

```
biblioshiny()
```


Your predefined browser will open the session

1. Select archive type
2. Load the Vlado.bib file
3. Click on START Conversion

biblioshiny for bibliometrix
Welcome
Load
Filter
Dataset
Sources
Authors
Documents
Conceptual Structure

Loading and Converting

Database
Scopus

Choose a file
Browse... Vlado.bib
Upload complete

Here accept single .txt/.bib/.xlsx/.RData files, or multiple .txt/.bib files compressed in a single .zip archive.
Start Conversion

Conversion results
Number of Documents 70

Save as:
No, thanks!

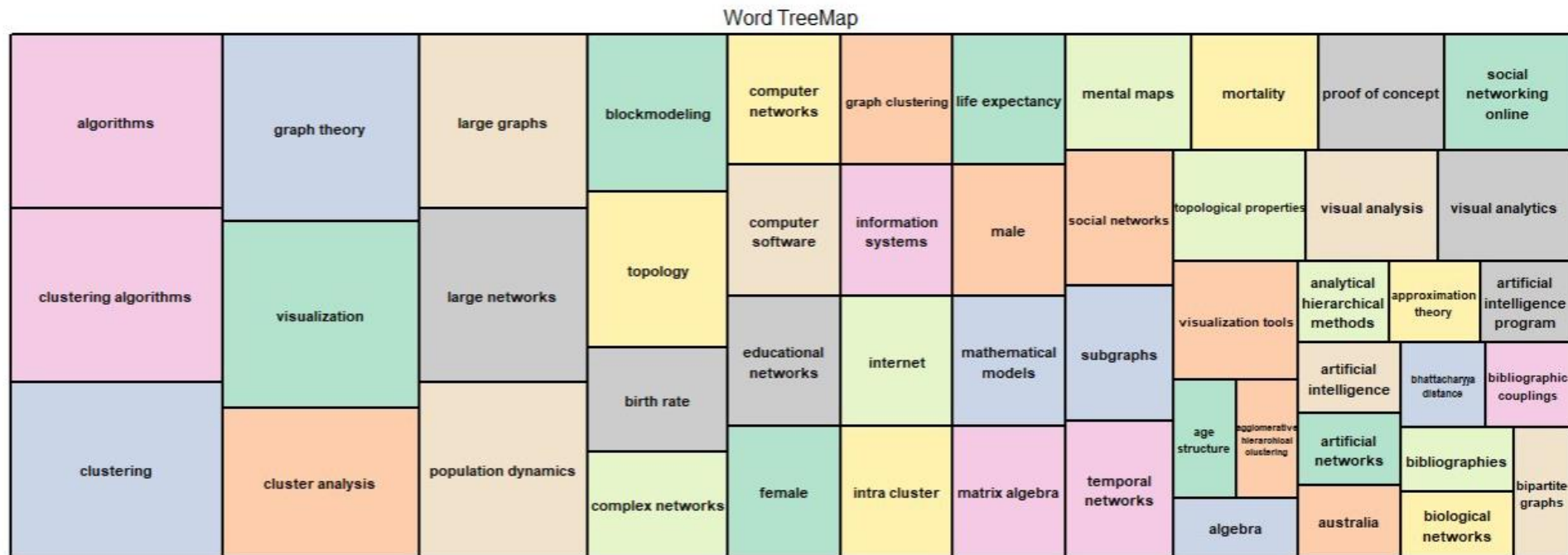
Show 50 rows
Copy
PDF
Print

DOI	AU	TI	SO	DE	ID
	VAN DER AALST W;BATAGELJ V;GLAVA G;IGNATOV D;KHACHAY M;KOLTSOVA O;KUZNETSOV S;LOMAZOVA I;LOUKACHEVITCH N;NAPOLI A;PANCHENKO A;PARDALOS P;PELILLO M;SAV	PREFACE	CEUR WORKSHOP PROCEEDINGS		
	VAN DER AALST WMP;BATAGELJ V;GLAVA G;IGNATOV D;KHACHAY M;KOLTSOVA O;KUZNETSOV SO;LOMAZOVA IA;LOUKACHEVITCH N;NAPOLI A;PANCHENKO A;PARDALOS PM;PELILLO	PREFACE	LECTURE NOTES IN COMPUTER SCIENCE (INCLUDING SUBSERIES LECTURE NOTES IN ARTIFICIAL INTELLIGENCE AND LECTURE NOTES IN BIOINFORMATICS)		
	BATAGELJ V;FERLIGOJ A;SQUAZZONI F	THE EMERGENCE OF A FIELD: A NETWORK ANALYSIS OF RESEARCH ON PEER REVIEW	SCIENTOMETRICS	AUTHORS; CITATION NETWORKS; JOURNALS; MAIN PATH; PEER REVIEW	

π

Let's Analyze....

Explore the Vlado's
Contributions to Scientific fields



Enjoy...