



# Integrasi Bibliometric:

Publish or Perish (PoP)-Mendeley-VOSViewer  
Untuk Mendukung Penelitian

Taufik Baidawi

# Outline

01

## Bibliometric

Menganalisis dan Mengukur Publikasi

02

## PoP

Screening Data dan Metric Data



03

## Mendeley

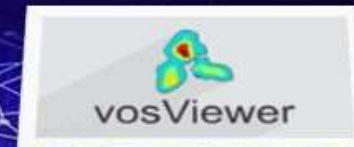
Data Spesification



04

## VOSViewer

Mapping Data



# Mengapa Perlu Publikasi

- **Memberikan kontribusi ilmiah yang baru:**
  - hasil penelitian yang belum pernah dipublikasikan sebelumnya (keaslian),
  - keterbaruan: fenomena, objek kajian, data, metode dan penafsiran.
- **Dibaca dan dinilai oleh peneliti lain (*citation*):**
  - validasi,
  - pengembangan keilmuan lebih lanjut,
  - pengakuan kepakaran.

# Untuk menjadi penulis atau menghasilkan karya tulis seseorang harus memiliki

Kemampuan

Pengetahuan

Motivasi

Kemauan

# BAGAIMANA MENDAPATKAN SUMBER BACAAN YANG BERGIZI?



<http://garuda.ristekbrin.go.id/>



<https://scholar.google.com/>



<https://ieeexplore.ieee.org/>



<https://www.ncbi.nlm.nih.gov/pubmed/>



<https://www.tandfonline.com/>



<https://www.scopus.com/>



<https://www.sciencedirect.com/>

# Alur Integrasi

**Migrasi ke Mendeley**  
Add Folder data kedalam Mendeley  
Pelajari artikel, buat synopsis



## Mapping Data-VOSViewer

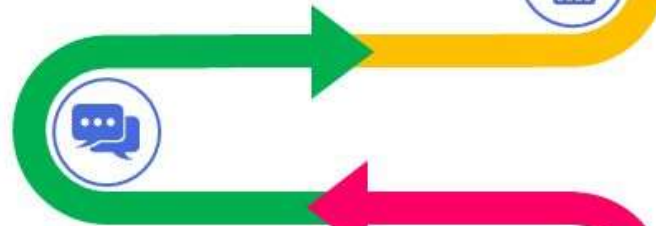
- Berdasarkan Author
- Berdasarkan Tema
- (Format RIS/RefManager)

## Download Meta Data

Open Artikel in Browser,  
Download dan Simpan  
dalam 1 Folder



**Simpan Meta Data**  
Format: BibTex, CSV, EndNote,  
ISI/WoS Export, JSON,  
RIS/RefManager



## Publish or Perish (PoP)

Screening Data

Filter:

- Tahun
- Jenis Publikasi (Prosiding, Jurnal, dll)



# Mengenal Bibliometric

- Satu set metode matematika dan statistik yang digunakan untuk menganalisis dan mengukur publikasi (yaitu, artikel, buku, dan bab buku, antara lain) (Garfield, 1955)
- Metode matematika dan statistika untuk mempelajari dan mengidentifikasi pola-pola dalam penggunaan literatur/publikasi dan jasa perpustakaan sebagai bahan analisis untuk mengetahui perkembangan dari literatur khusus, terutama kepengarangan, publikasi, dan penggunaannya (Reitz, 2014 dalam Tupan dan Rachmawati, 2017)
- Untuk mendeteksi profil publikasi pada topik dan untuk menentukan tren dalam suatu disiplin (Albort-Morant, 2017)



# Publish or Perish (PoP)

## Screening and Metric Data

Publish or Perish is a software program that retrieves and analyzes academic citations. It uses a variety of data sources (incl. Google Scholar and Microsoft Academic Search)

# Download PoP

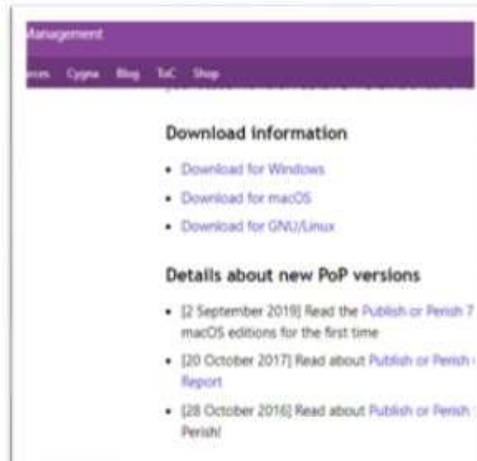
Langkah Install PoP (Publish or Perish)

<https://harzing.com/resources/publish-or-perish>



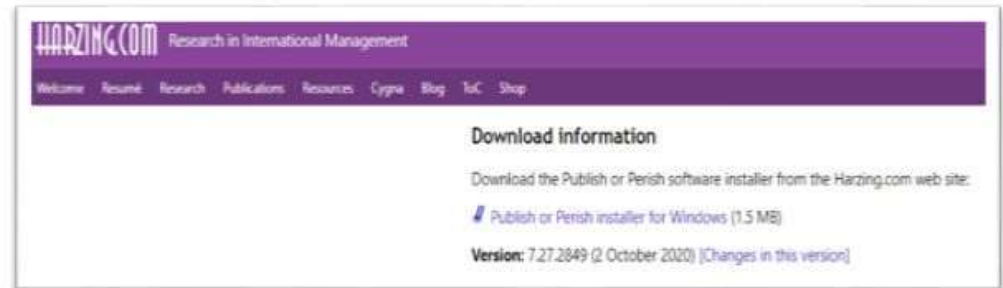
Ketikkan "Publish or Perish"

Bisa melalui Mesin Pencari Google



Download Software

Versi Windows, MacOS atau GNU/Linux

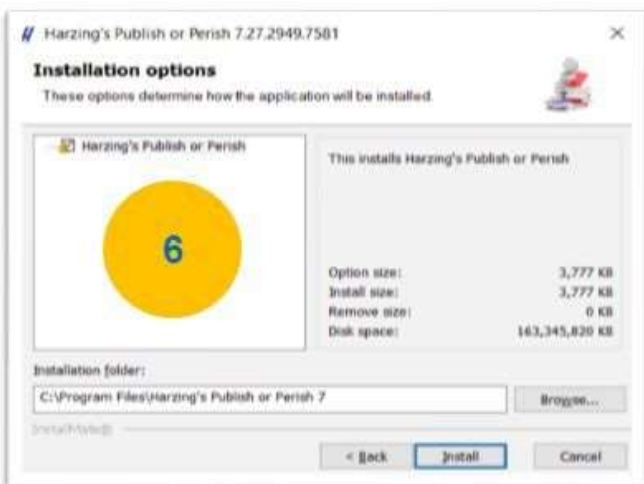
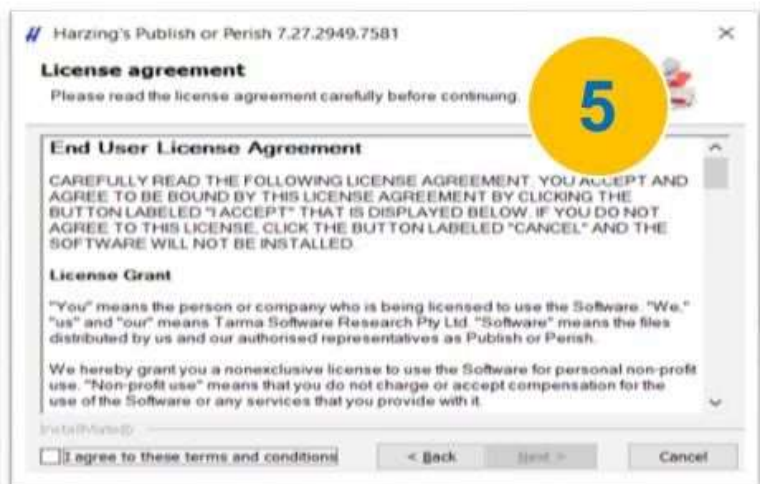
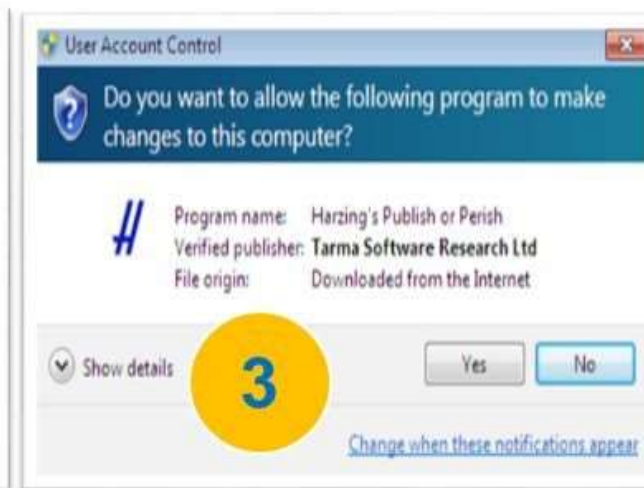
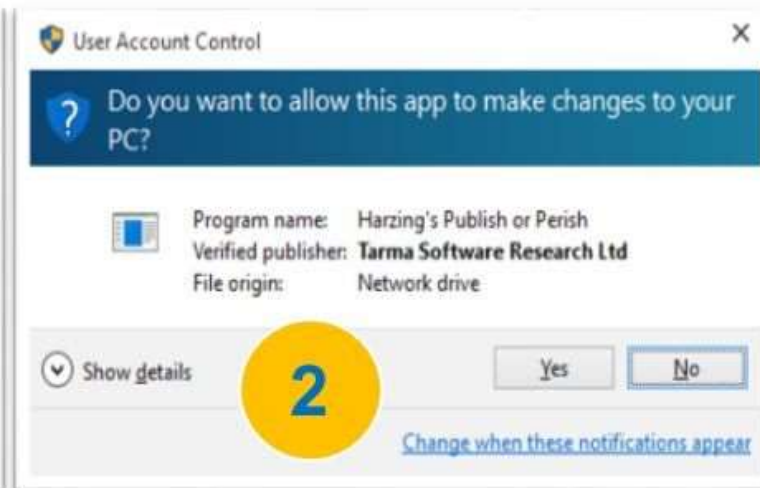
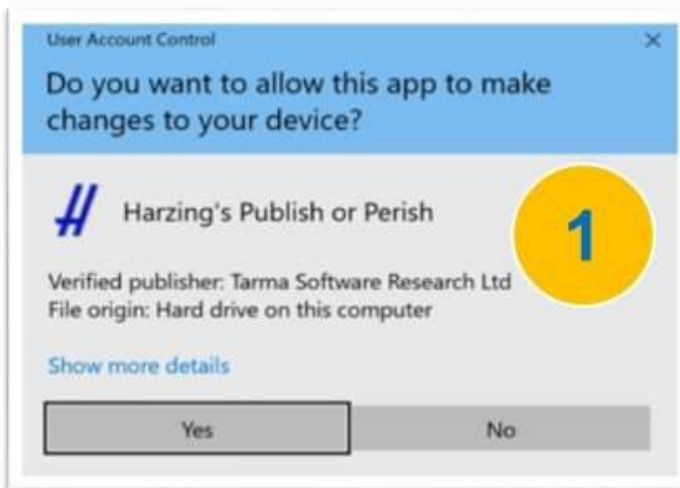


Install PoP Versi Windows

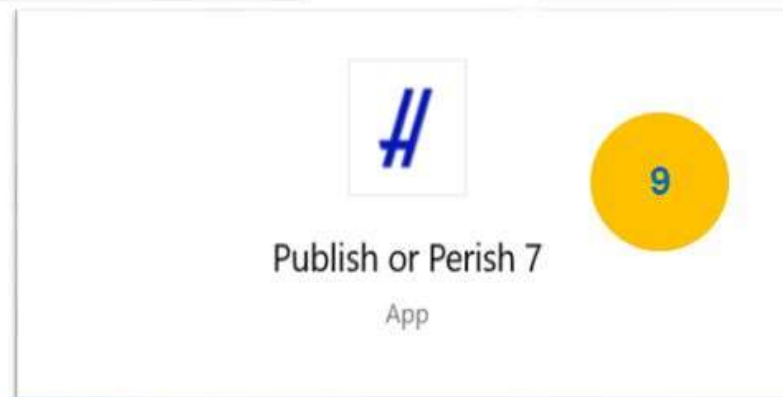
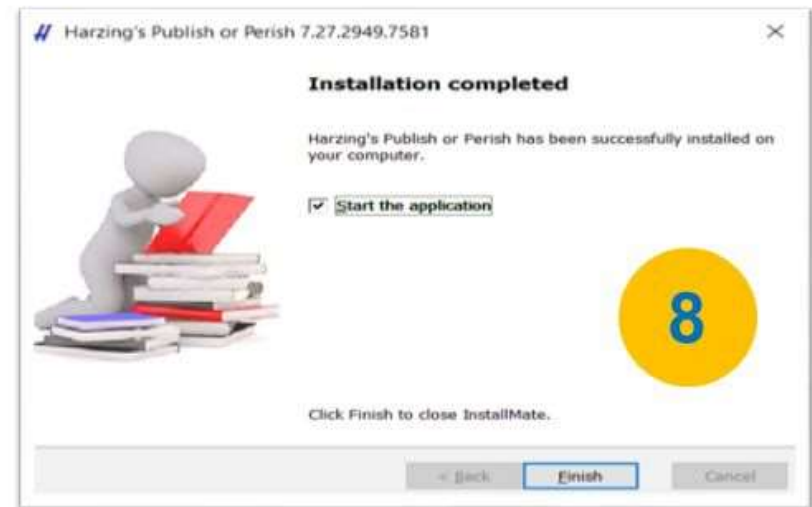
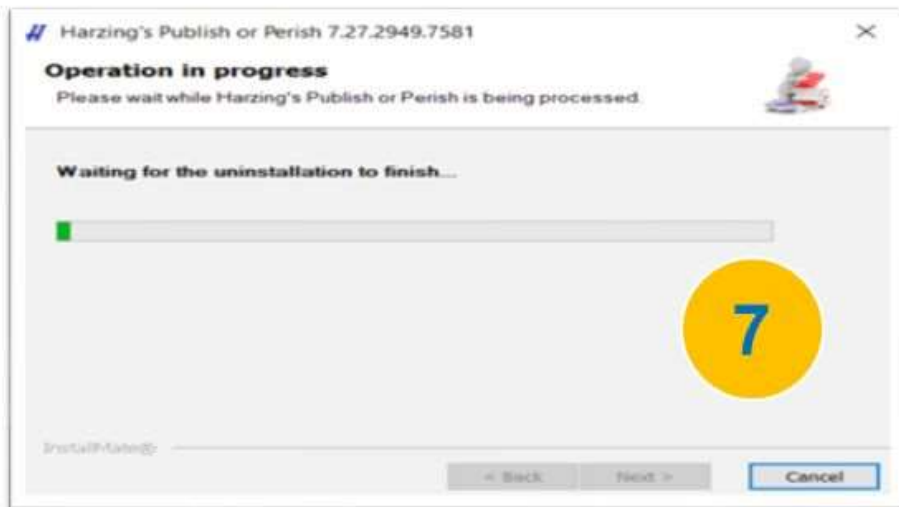
Version: 7.27.2849



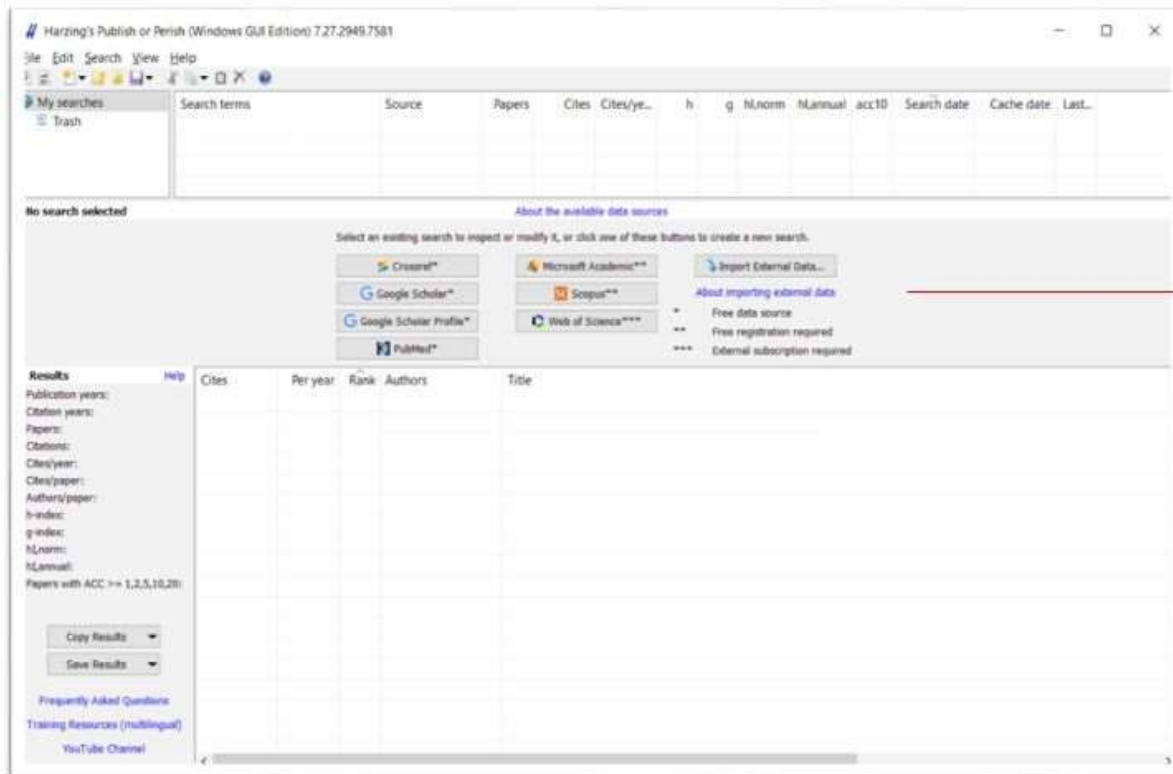
# Install Publish or Perish (PoP)



# Install Publish or Perish (PoP) – Lanjutan



# Database PoP



## Free:

- Google Scholar
- CrossRef
- External Data
- Google Profile
- Microsoft Academic
- Ada yang tidak tercover, jika faktanya data yang ada melebihi angka tersebut

## Solusi :

- Filter tahun pencarian
- Filter kata kunci - hanya di judul
- Filter kata kunci dengan menambahkan tanda "...."
- Filter publikasi - Journal atau spesifik nama jurnal

## Berlangganan:

Scopus, Microsoft Academic dan Web of Science

# Screening Data Publish or Perish (PoP)

Ex: For Google Scholar

The screenshot shows a Google Scholar search results page. The search terms are "Disaster Prediction and Mitigation Systems in an Adaptive Supply Chain". The search is from Google Scholar, with 50 papers, 4001 citations, and 800.20 citations per year. The search date is 28/11/2020. The results table shows the following data:

Rank	Authors	Title	Year	Publication	Publisher	Type
1	V. Dixit, N. Seshadri...	Performance of...	2016	Computers & Industrial En...	Elsevier	
2	T. Papadopoulos, A...	The role of Big...	2017	Journal of Cleaner ...	Elsevier	
3	N. Altay, A. Gunasek...	Agility and res...	2018	Production Planning & ...	Taylor & Francis	
4	K. Govindan, H. Min...	A decision sup...	2020	... Part E: Logistics and Tran...	Elsevier	
5	BR. Tukamuharwa...	Supply chain r...	2015	International Journal of ...	Taylor & Francis	HTM
6	J. Mackay, A. Munoz...	A disaster typ...	2019	... and Supply Chain Mana...	emerald.com	
7	G. Kabra, A. Ramesh...	Information technol...	2016	Risk, Hazards & Crisis in Pl...	Wiley Online Library	
8	I. Spahic, I. Vaner...	Healthcare and disaster supply chain: literature review and future research	2015	Procedia Manufacturing	Elsevier	
9	A. Dolgui, D. Ivanov...	Ripple effect in the supply chain: an analysis and recent literature	2018	International Journal of Pr...	Taylor & Francis	
10	C. L'Hermite, P. Tat...	Supply chain agility in humanitarian protracted operations	2016	... Chain Management	emerald.com	HTM
11	G. Baryannis, S. Dani...	Supply chain risk management and artificial intelligence: state of the art and future research directions	2019	International Journal of ...	Taylor & Francis	
12	R. Dubey, N. Altay...	Swift trust and commitment: The missing links for humanitarian supply chain coordination?	2019	Annals of Operations Rese...	Springer	
13	S. Bandy, VV. Shete...	Smart flood disaster prediction system using IoT & neural networks	2017	... On Smart Technologies ...	ieeexplore.ieee.org	
14	R. Dubey, Z. Luo, A...	Big data and predictive analytics in humanitarian supply chains	2018	... Logistics Management ...	emerald.com	HTM
15	LM Chen, VE Liu, Si...	Robust supply chain strategies for recovering from unanticipated disasters	2015	... Part E: Logistics and Tran...	Elsevier	
16	W. Ho, T. Zheng, H...	Supply chain risk management: a literature review	2015	International Journal of ...	Taylor & Francis	
17	G. Baryannis, S. Dani...	Predicting supply chain risks using machine learning: The trade-off between performance and interpretability	2019	Future Generation Comput...	Elsevier	
18	JM Links, RS Schwab...	COPEWELL: a conceptual framework and system dynamics model for predicting community functioning and resilience a...	2018	Disaster medicine and ...	par.nsf.gov	
19	H. Adilov, RS McM...	Supply chain resilience: a dynamic and multidimensional approach	2018	... Journal of Logistics Man...	emerald.com	HTM
20	CJC. Jatibour, VA So...	An analysis of the literature on humanitarian logistics and supply chain management: paving the way for future studies	2019	Annals of Operations ...	Springer	HTM
21	D. Ivanov, A. Dolgui...	A digital supply chain twin for managing the disruption risks and resilience in the era of Industry 4.0	2020	Production Planning & Co...	Taylor & Francis	

## Filter:

- Keywords : Disaster Prediction and Mitigation Systems in an Adaptive Supply Chain
- Years : 2015-2020
- Max Number of Results : 200 (Bisa sampai 1000)

# Download Paper di Publish or Perish (PoP)

Harzing's Publish or Perish (Windows GUI Edition) 7.27.2949.7581

Search terms: Disaster Prediction and Mitigati... Source: Google Sch... Papers: 200 Cites: 10456 Cites/yr.: 54 h: 96 g: 29 iLnorm: 5.80 Manual acc10: 106 Search date: 28/11/2020 Cache date: Last...

Google Scholar search

Keywords: Disaster Prediction and Mitigation Systems in an Adaptive Supply Chain

Results	Cites	Per year	Rank	Authors	Title	Year	Publication	Publisher	Type
45	1125	1	1	V Dixit, N Seshadri...	Performance measures based optimization of...	2016	Computers & Industrial En...	Elsevier	
251	83.67	2	2	T Papadopoulos, A...	The role of Big Data in explaining disaster res...	2017	Journal of Cleaner ...	Elsevier	
69	34.50	3	3	N Arday, A Gunarsk...	Agility and resilience as antecedents of supply...	2018	Production Planning & ...	Taylor & Francis	
31	31.00	4	4	K Govindas, H Min...	A decision support system for demand manag...	2020	... Part E: Logistics and Tran...	Elsevier	
304	60.80	5	5	BR Tukamahatwa, ...	Supply chain resilience: definition, review and I...	2015	International Journal of ...	Taylor & Francis	
5	5.00	6	6	J Mackay, A Munoz...	A disaster typology towards informing humani...	2019	... and Supply Chain Mana...	emerald.com	HTM
33	8.25	7	7	G Kalra, A Ramesh...	Information technology, mutual trust, flexibility...	2016	Risk, Hazards & Crisis in Po...	Wiley Online Library	
38	7.60	8	8	I Syabri, I Yanary...	Healthcare and disaster supply chain literature	2015	Procedia Manufacturing	Elsevier	
224	112.00	9	9	A Doigui, D Ivanov...	Ripple effect in the supply chain: an analysis ar...	2018	International Journal of Pr...	Taylor & Francis	
35	8.75	10	10	C L'Hermitte, P Tat...	Supply chain agility in humanitarian protracted...	2016	... Chain Management	emerald.com	HTM
60	80.00	11	11	G Bayarasis, S Vall...	Supply chain risk management and artificial in...	2019	International Journal of ...	Taylor & Francis	
54	54.00	12	12	R Dubey, N Arday...	Swift trust and commitment: The missing links	2019	Annals of Operations Rese...	Springer	
22	7.33	13	13	S Bandy, VV Shete...	Smart flood disaster prediction system using IC...	2017	... On Smart Technologies ...	ieeexplore.ieee.org	
63	31.50	14	14	R D'Viby, Z Luo, A...	Big data and predictive analytics in humanitari...	2018	... Logistics Management	emerald.com	HTM
33	6.60	15	15	IM Chen, YE Liu, S...	Robust supply chain strategies for recovering f...	2015	... Part E: Logistics and Tran...	Elsevier	
224	125.00	16	16	W Ho, T Zheng, H...	Supply chain risk management: a literature review	2015	International Journal of ...	Taylor & Francis	
14	14.00	17	17	G Bayarasis, S Dahi...	Predicting supply chain risks using machine learni...	2019	Future Generation Comput...	Elsevier	
29	14.50	18	18	M Link, BS Schwab...	COPEWELL: a conceptual framework and system dyna...	2018	Disaster medicine and ...	par.mf.gov	
22	11.00	19	19	H Adutor, RS McM...	Supply chain resilience: a dynamic and multidimensi...	2018	... Journal of Logistics Man...	emerald.com	HTM
73	73.00	20	20	CC Labbouli, VA So...	An analysis of the literature on humanitarian logis...	2019	Annals of Operations ...	Springer	HTM
38	38.00	21	21	D Ivanov, A Doigui...	A digital supply chain twin for managing the disr...	2020	Production Planning & Co...	Taylor & Francis	

ScienceDirect

Computers & Industrial Engineering

Performance measures based optimization of supply chain network resilience: A NSGA-II + Co-Kriging approach

Download PDF

View Article

## Cara mengambil Paper

- Klik Kanan Paper
- Pilih Open Article in Browser

# Screening Data Publish or Perish (PoP)

## Ex: Scopus Search

Scopus search results for 'Disaster Prediction, Mitigation R...'. The search terms are 'Disaster Prediction, Mitigation R...' and the source is Scopus. The results table shows the following data:

Source	Papers	Cites	Cites/yr.	h	g	h-index	h5-index	acc10	Search date	Cache date	Last...
Scopus	200	7280	364.00	43	75	43	235	25	28/11/2020	28/11/2020	0

The results list includes the following entries:

Rank	Cites	Per year	Rank	Author	Title	Year	Publication	Publisher	Type
1	128	46.88	1	C. Desvita	Landslide susceptibility mapping using certainty factor, index of entropy and logistic regression models in GIS and their...	2013	Natural Hazards		Artic
2	111	51.83	2	M. Tehrani	Flood susceptibility mapping using a novel ensemble weights-of-evidence and support vector machine models in GIS	2014	Journal of Hydrology		Artic
3	107	20.50	3	A. Haines	Climate change and human health impacts, vulnerability, and mitigation	2006	Lancet		Note
4	100	17.33	4	H. Kahraman	Real-time seismology and earthquake damage mitigation	2005	Annual Review of Earth an...		Artic
5	100	11.00	5	J. Weichetgartner	Disaster mitigation: The concept of vulnerability revisited	2001	Disaster Prevention and M...		Artic
6	100	10.63	6	J. Janowiak	A real-time global half-hourly pixel-resolution infrared dataset and its applications	2001	Bulletin of the American M...		Artic
7	100	16.67	7	M. Siegrist	Natural hazards and motivation for mitigation behavior: People cannot predict the affect evoked by a severe flood	2008	Risk Analysis		Artic
8	100	23.17	8	I. Maich	A review of droughts on the African continent: A geospatial and long-term perspective	2014	Hydrology and Earth Syst...		Revu
9	100	13.00	9	T. Miao	An integrated approach to natural disaster management: Public project management and its critical success factors	2006	Disaster Prevention and M...		Artic
10	100	30.00	10	Z. Hao	Global integrated drought monitoring and prediction system	2014	Scientific data		Artic
11	100	13.31	11	A. Cancelliere	Drought forecasting using the standardized precipitation index	2007	Water Resources Manage...		Artic
12	100	14.64	12	M. Brier	Long-term impacts of prescribed burning on regional extent and incidence of wildfires: Evidence from 50 years of active...	2009	Forest Ecology and Manag...		Artic
13	100	14.36	13	F. Xu	Fracturing parameters for earth and rockfill dams	2009	Journal of Geotechnical an...		Artic
14	100	8.56	14	R. Lefsytt	Ocean fertilization: A potential means of geoengineering?	2008	Physiological Transactions ...		Artic
15	100	25.50	15	G. Rahmati	Flood hazard zoning in Yasooj region, Iran, using GIS and multi-criteria decision analysis	2016	Geomatics, Natural Hazar...		Artic
16	100	6.25	16	D. Brien	Reception of risks	2004	Toxicology Letters		Conf
17	100	46.50	17	H. Hong	Application of fuzzy weight of evidence and data mining techniques in construction of flood susceptibility map of Roze...	2010	Science of the Total Environ...		Artic
18	100	15.33	18	C. Kousky	Intervening climate adaptation: A review of the economic costs of natural disasters	2014	Energy Economics		Artic
19	100	14.33	19	E. Neumayer	The political economy of natural disaster damage	2014	Global Environmental Cha...		Artic
20	100	16.40	20	J. Ota	Optimization of qualitative factors for landslide susceptibility evaluation using remote sensing and GIS-data in parts of NE...	2015	PLoS ONE		Artic
21	100	13.80	21	V. Gensel	Remote sensing of floods and flood-prone areas: An overview	2015	Journal of Coastal Research		Revu

Select an existing query to inspect or modify it, or click one of these buttons to create a new query:

- Crossref\*
- Microsoft Academic\*\*\*
- Google Scholar\*
- Scopus\*\*\*
- Google Profile\*
- Web of Science\*\*\*
- \* Free data source
- Import External Data...

Scopus API key

Scopus access requires a (free) API key. This key can be requested on the Elsevier Developers web site.

[Go to the Elsevier Developers web site](#)

On the web site, request an API key, then Copy and Paste the key into the field below and click OK.

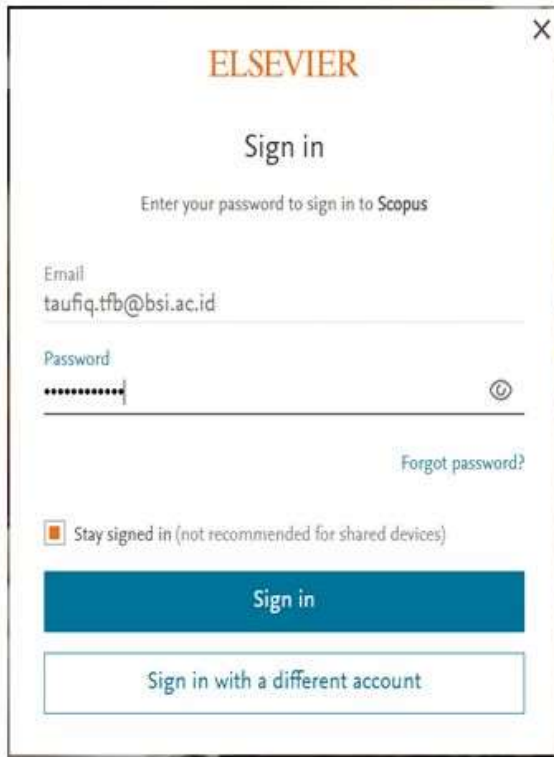
API key:

OK Cancel Help

### Pencarian dari Sumber Scopus Search

- Klik Scopus Search
- Masukkan Kata Kunci
- Tentukan Rentang tahun
- Klik Search
- Jika tidak bisa (karena berlangganan, maka masukkan API Key Scopus nya

## Cara Mendapatkan API Key Scopus



ELSEVIER

Sign in

Enter your password to sign in to Scopus

Email  
taufiq.tfb@bsi.ac.id

Password  
.....

[Forgot password?](#)

Stay signed in (not recommended for shared devices)

[Sign in](#)

[Sign in with a different account](#)

### Taufik's dashboard

#### Author Feedback requests not available

There are no Author Feedback requests placed so far. You can create a new one from the [Author Feedback Wizard](#)

#### Institution Profile Wizard requests not available

There are no Institution Profile Wizard requests placed so far. You can create a new one from the [Institution Profile Wizard](#)

#### Scopus support requests not available

There are no Scopus support requests placed so far. You can create a new one from the [Scopus support page](#)

#### 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](#)

### Pencarian dari Sumber Scopus Search

- Klik Scopus Search
- Masukkan Kata Kunci
- Tentukan Rentang tahun
- Klik Search
- Jika tidak bisa (karena berlangganan, maka masukkan API Key Scopus nya

## Cara Mendapatkan API Key Scopus

The screenshot shows the Elsevier Developers portal. At the top, there is a navigation bar with 'My API Key' highlighted in a red box. Below the navigation bar, the main content area is titled 'Welcome to Elsevier Developer Portal'. It features three columns of information:

- 1. Attain API Key**: Find out more about default API key settings, quotas and throttling. A blue button labeled 'I want an API Key' is present.
- 2. Look at use cases**: Elsevier's API usage is tied to specific use cases, with corresponding policy. A blue button labeled 'Use cases' is present.
- 3. Start coding**: Check out our Python SDK, the Interactive APIs and the How to Guides. A blue button labeled 'How to Guides' is present.

Below the main content, there is a secondary navigation bar with 'My API Key' highlighted in a green box. The page title is 'Registered API keys' and a 'Create API Key' button is visible in a green box.

### Mendapatkan API Key

- Klik My API Key atau I Want an API Key
- Klik Create API Key
- Tentukan Rentang tahun
- Klik **Search**
- Jika tidak bisa (karena berlangganan, maka masukkan **API Key Scopus** nya)

## Cara Mendapatkan API Key Scopus

### Create API Key

---

**Label** ⓘ  
*Example: MyLabel*

**Website URL** ⓘ  
*Example: http://my.website.com*

### Mendapatkan API Key

- Masukkan Label
- Masukkan Website URL
- Selanjutnya akan diberikan API Key

### Registered API keys Create API Key

---

#	Website URL	Label	API Key
1	http://ppm.usi.ac.id	ApiKeyTes	28[REDACTED]be59b120b8784c7c04
2	http://pp[REDACTED]	ListElsivier	961fc[REDACTED]6cc7c448b7dcfd4

# Download Meta Data di Publish or Perish (PoP)

The screenshot shows the Publish or Perish (PoP) software interface. The main window displays search results for the query "Disaster Prediction and Mitigation". The results are organized into columns: Cites, Per-year, Rank, Authors, Title, Year, Publication, and Publisher. A context menu is open over the results, listing various export options such as "Search Report (basic)...", "Metrics as CSV...", "Results as BibTeX...", and "Results as RIS/RefManager...". The "Results as RIS/RefManager..." option is highlighted.

Cites	Per-year	Rank	Authors	Title	Year	Publication	Publisher	Type
45	11.25	1	V. Dicit, N. Seshadri...	Performance measures based optimization of supply chain network resilience: A NSGA-II+ Co-Kriging approach	2016	Computers & Industrial En...	Elsevier	
251	83.67	2	T. Papadopoulos, A.	The role of Big Data in explaining disaster resilience in supply chains for sustainability	2017	Journal of Cleaner ...	Elsevier	
69	34.50	3	N. Altay, A. Gunasek...	Agility and resilience as antecedents of supply chain performance under moderating effects of organizational culture w...	2018	Production Planning & ...	Taylor & Francis	
31	31.00	4	K. Govindan, H. Min...	A decision support system for demand management in healthcare supply chains considering the epidemic outbreak: A ...	2020	... Part E: Logistics and Tran...	Elsevier	
304	60.80	5	B. Takamuljawa...	Supply chain resilience definition, review and theoretical foundations for further study	2015	International Journal of ...	Taylor & Francis	
5	5.00	6	J. Mackay, A. Manolis...	A disaster typology towards informing humanitarian relief supply chain design	2019	... and Supply Chain Man...	emerald.com	HTM
33	8.25	7	G. Kahro, A. Ramayah...	Information technology, mutual trust, flexibility, agility, adaptability: Understanding their linkages and impact on human...	2016	Risk, Hazards & Crisis in Pu...	Wiley Online Library	
38	7.60	8	J. Spyrin, I. Vassany...	Healthcare and disaster supply chain literature review and future research	2015	Procedia Manufacturing	Elsevier	
224	112.00	9	A. Dolgui, D. Ivanov...	Ripple effect in the supply chain: an analysis and recent literature	2018	International Journal of Ph...	Taylor & Francis	

The screenshot shows a Windows "Save As" dialog box. The "Save in:" field is set to "Metadata". The "File name:" field contains "Disaster Prediction and Mitigation System". The "Date modified" is "28/11/2020 13:59" and the "Type" is "RIS File". The "File name:" field is highlighted, and the "Save" button is visible.

## Cara Download Meta Data

- Klik Save Results
- Pilih Results as RIS/Reference Manager
- Tentukan tempat penyimpanan
- Klik Save

# GUNAKAN APLIKASI REFERENCE MANAGER

- ▶ Gunakan tools **Microsoft Word** (References - Insert Citation - Choose Style of References: APA, MLA, Harvard, etc. - Insert Bibliography)
- ▶ Gunakan **Mendeley** Plugin (References – Insert Mendeley Citation - Choose Style of References - Insert Bibliography)
- ▶ Tools lainnya: **EndNote**, **Zotero**, dll.



# Download Mendeley

<https://www.mendeley.com/>



Sign In Create account

Download

Reference Management Research Network Datasets Careers Funding

Search

## Download Mendeley Desktop for Windows



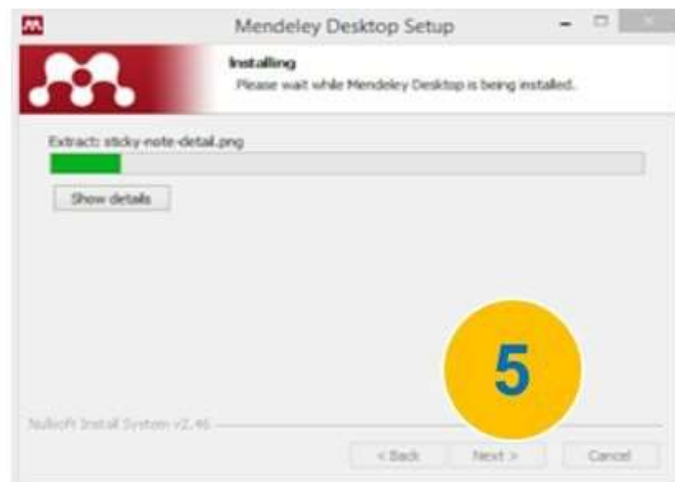
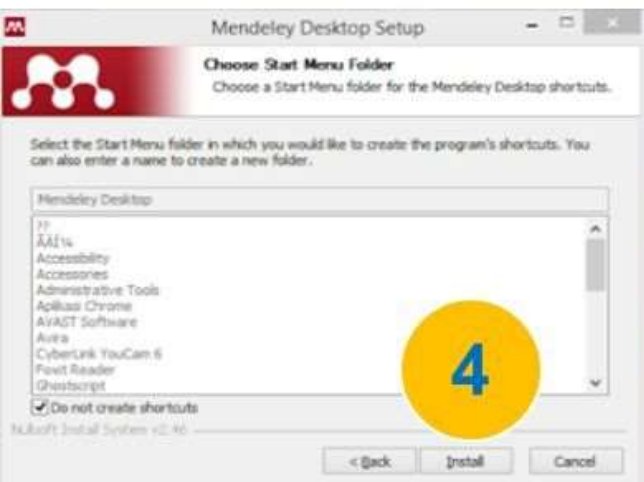
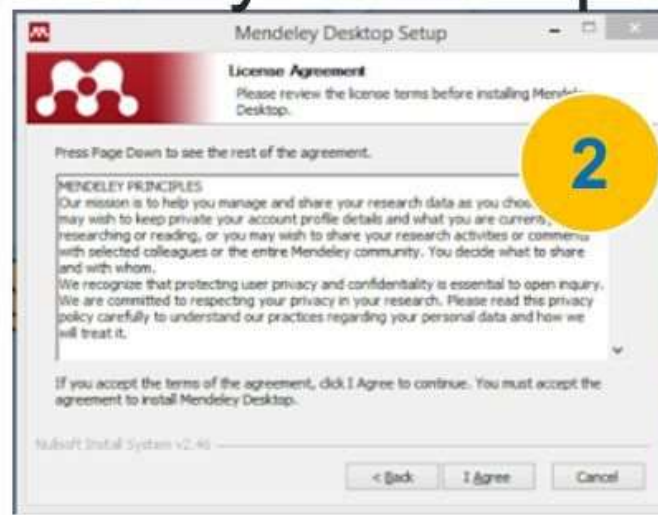
Download Mendeley Desktop for Windows

Windows 7, 8.1 and 10 (Version 1803) [See release notes.](#)

Other systems:  [Mendeley Desktop for macOS](#)  [Mendeley Desktop for Linux](#)



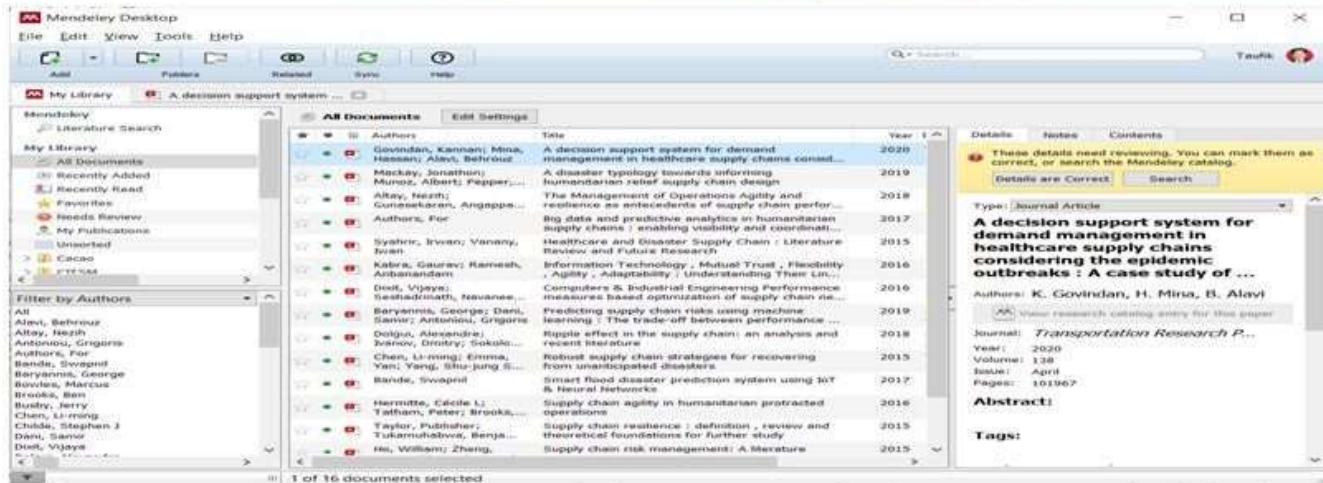
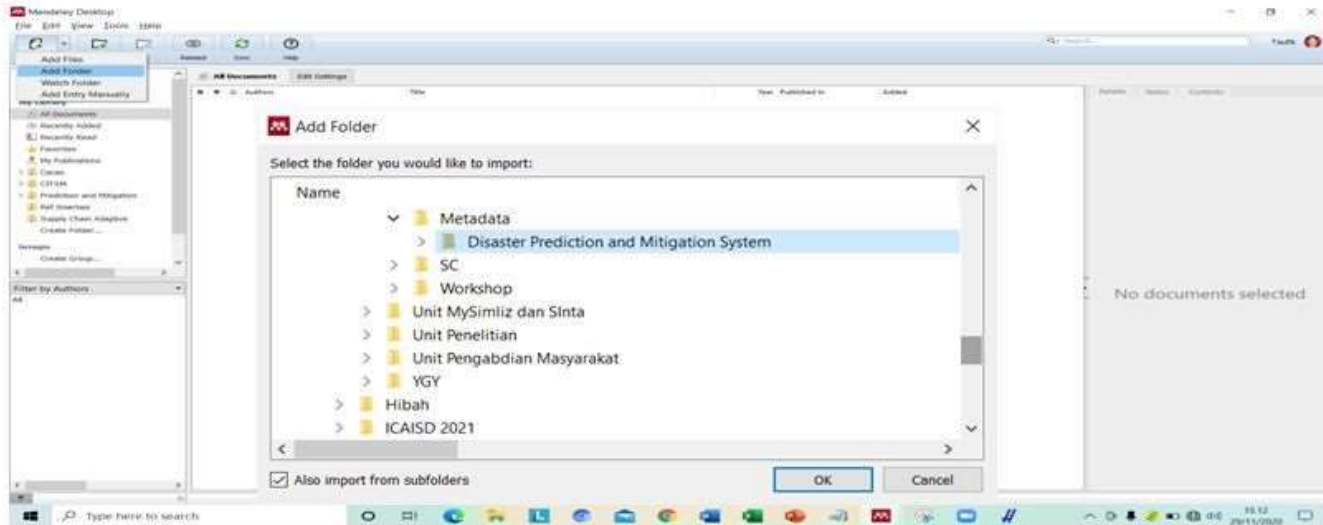
# Install Mendeley Desktop for Windows





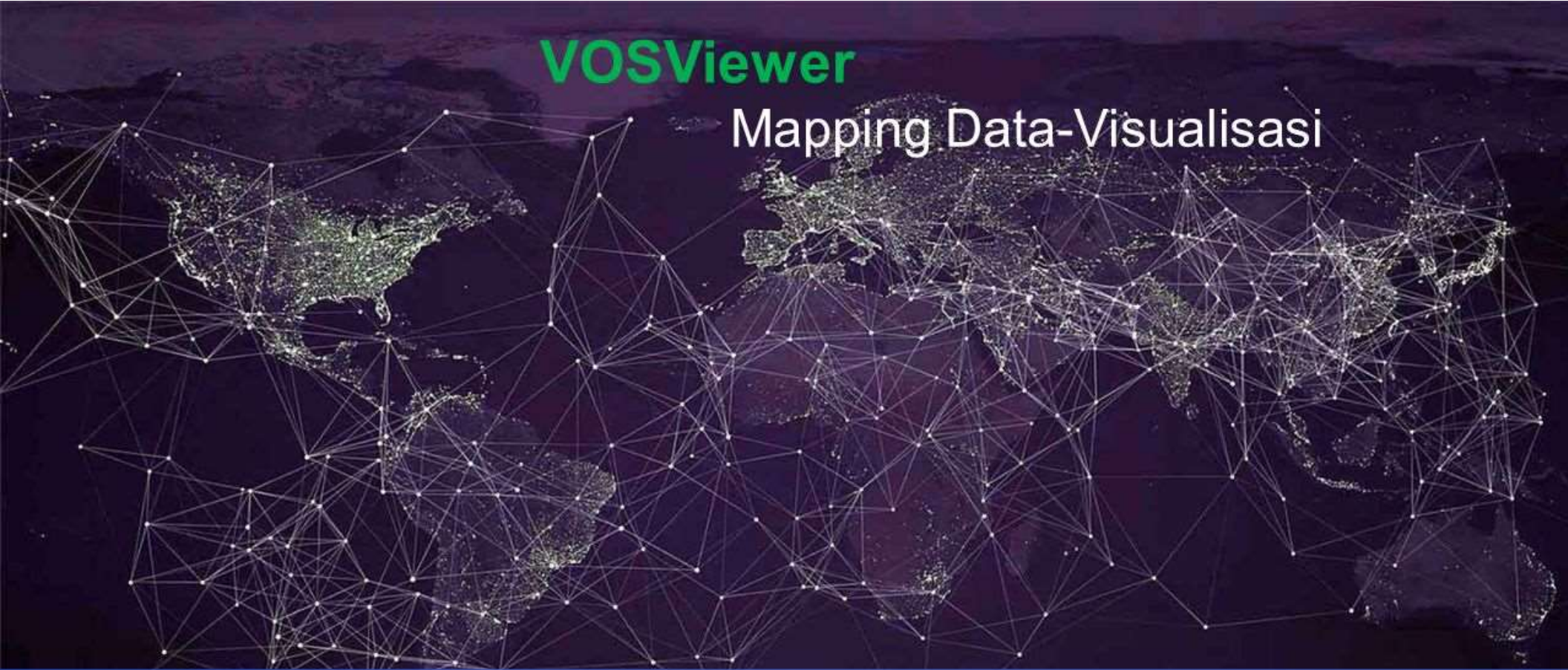
### Cara Memasukkan Data ke Mendeley

- Login ke Mendeley
- Klik Menu File → Add Folder
- Pilih Folder tempat menyimpan data
- Klik OK



# VOSViewer

## Mapping Data-Visualisasi



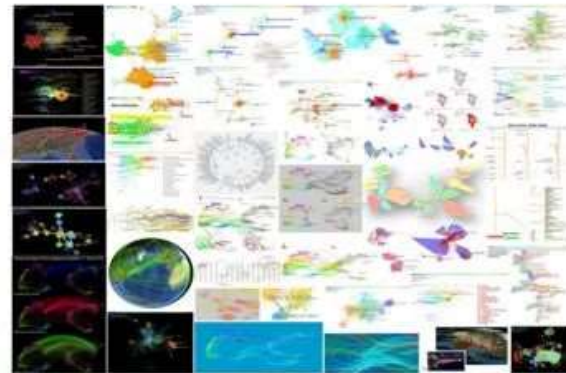
Find to Research Gap - Analyze

# Aplikasi untuk Visualisasi (Mapping)

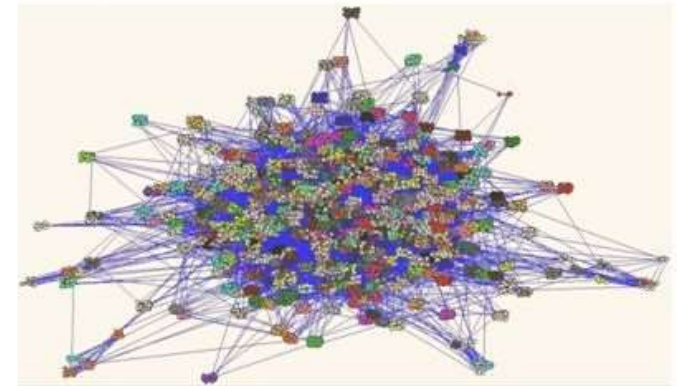
CitNetExplorer



CiteSpace



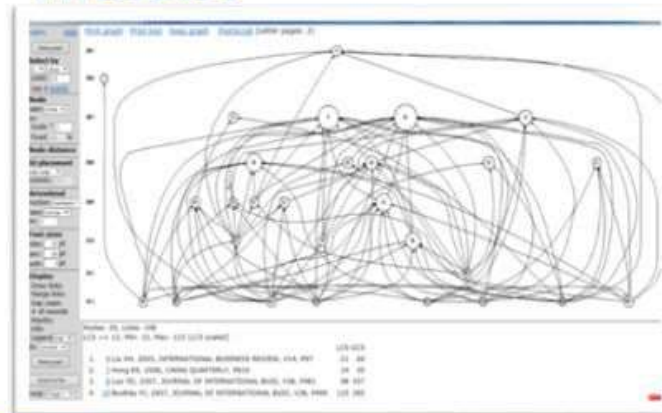
Pajek



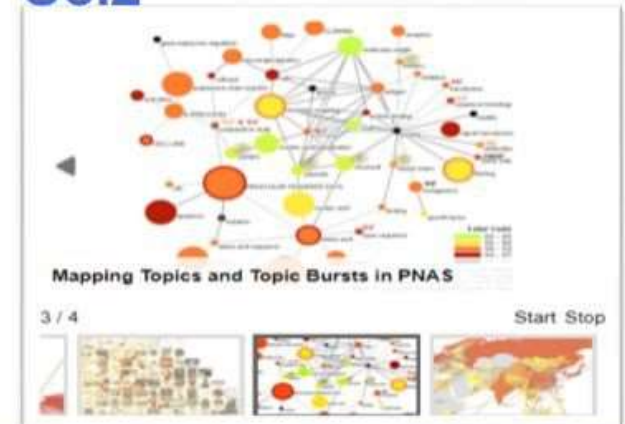
Gephi



Histcite

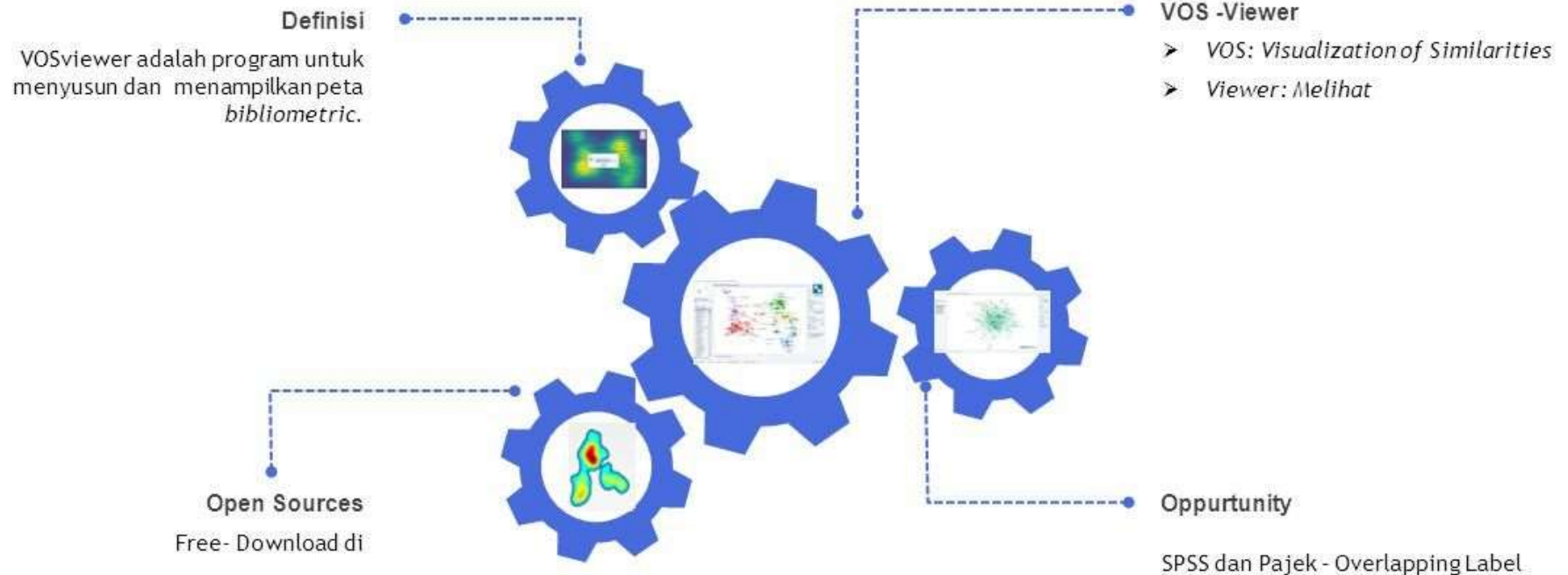


Sci2



# VOSViewer

(Van Eck dan Waltman, 2010)



# Download VOSviewer

<https://www.vosviewer.com/>



The screenshot shows the VOSviewer website's home page. At the top, there is a navigation menu with links for Home, Features, Getting Started, Download, Publications, Products, and Contact. Below the menu, a 'Welcome to VOSviewer' section provides an overview of the software's capabilities. A 'VOSviewer version 1.6.16' section highlights recent updates. A 'VOSviewer web start' section offers a direct launch button. The page also features two visualizations: a network graph and a heatmap.

VOSviewer

Leiden University CWTS CWTS B.V. Other CWTS sites

Home Features Getting Started Download Publications Products Contact

## Welcome to VOSviewer

VOSviewer is a software tool for constructing and visualizing bibliometric networks. These networks may for instance include journals, researchers, or individual publications, and they can be constructed based on citation, bibliographic coupling, co-citation, or co-authorship relations. VOSviewer also offers text mining functionality that can be used to construct and visualize co-occurrence networks of important terms extracted from a body of scientific literature.

### VOSviewer version 1.6.16

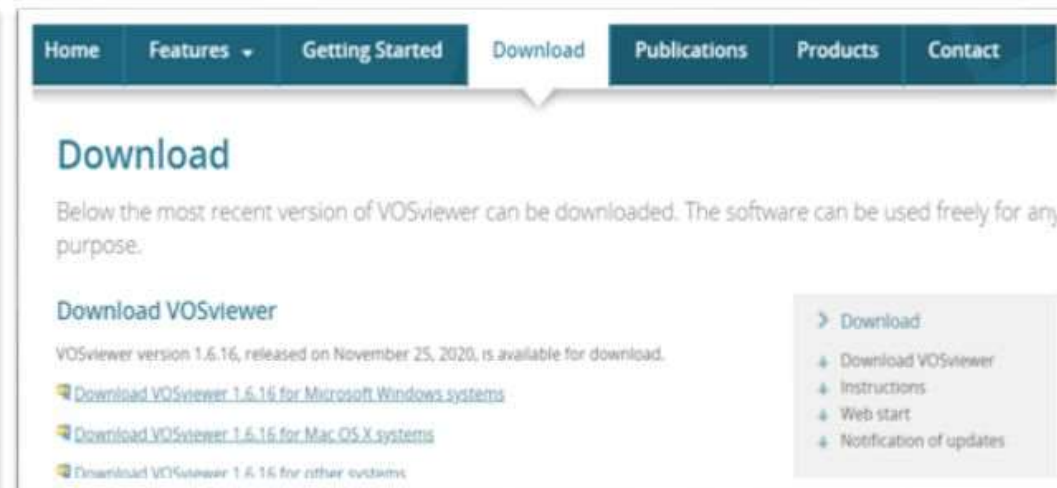
VOSviewer version 1.6.16 was released on November 25, 2020. This version fixes some problems in VOSviewer's functionality for working with data from Dimensions and Semantic Scholar. It also offers new functionality for querying the Microsoft Academic API using author, affiliation, and journal IDs and for creating term co-occurrence maps based on Semantic Scholar data.

[Download VOSviewer](#)

### VOSviewer web start

Click the button below to launch VOSviewer directly from this web page. This requires a system with Java support.

[Launch VOSviewer](#)



The screenshot shows the 'Download' page of the VOSviewer website. It features a navigation menu with links for Home, Features, Getting Started, Download, Publications, Products, and Contact. The main heading is 'Download', followed by a paragraph explaining that the most recent version can be downloaded for free. A 'Download VOSviewer' section lists the available versions and provides direct download links for Windows, Mac OS X, and other systems. A sidebar menu on the right contains links for Download, Download VOSviewer, Instructions, Web start, and Notification of updates.

Home Features Getting Started Download Publications Products Contact

## Download

Below the most recent version of VOSviewer can be downloaded. The software can be used freely for any purpose.

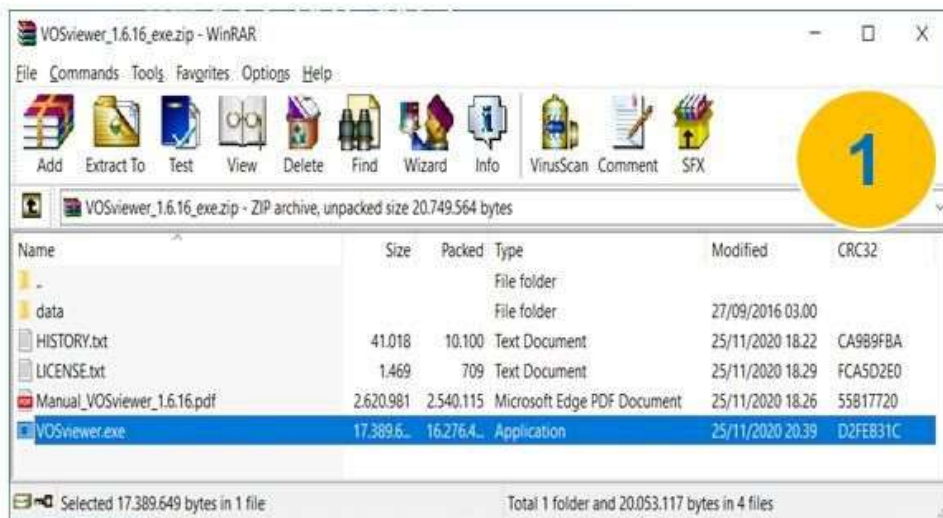
### Download VOSviewer

VOSviewer version 1.6.16, released on November 25, 2020, is available for download.

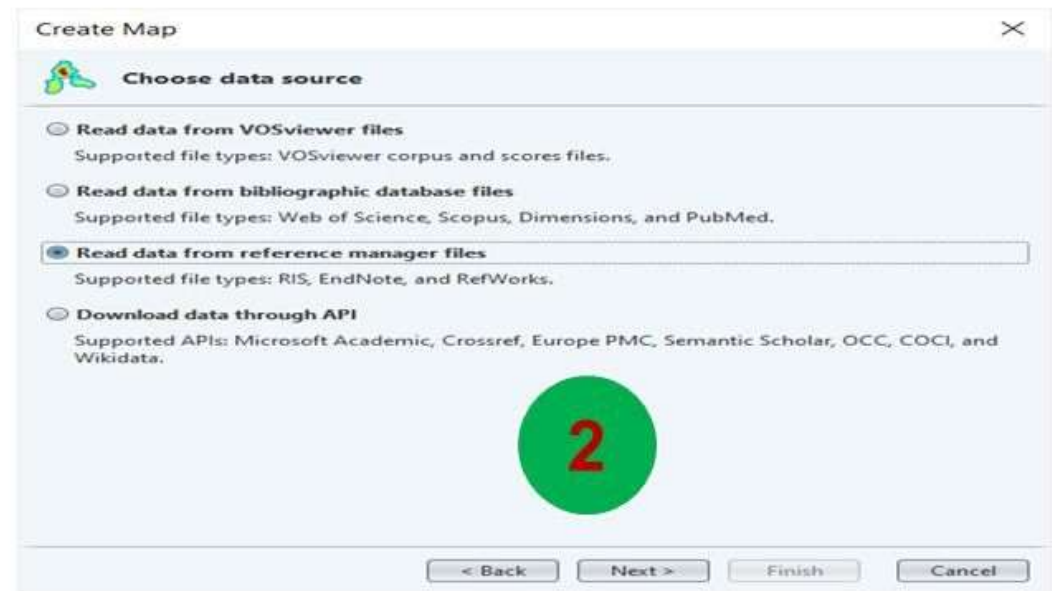
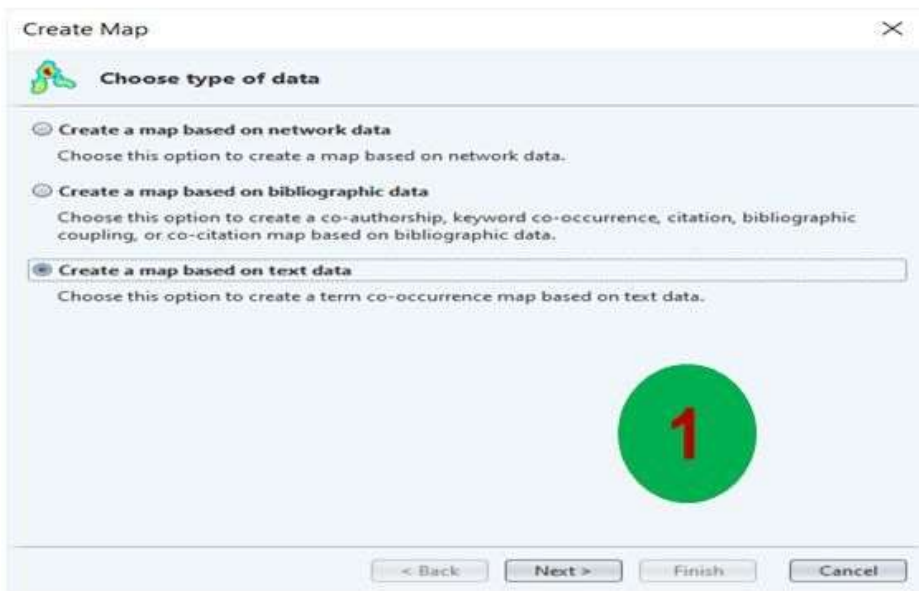
- [Download VOSviewer 1.6.16 for Microsoft Windows systems](#)
- [Download VOSviewer 1.6.16 for Mac OS X systems](#)
- [Download VOSviewer 1.6.16 for other systems](#)

- [Download](#)
- [Download VOSviewer](#)
- [Instructions](#)
- [Web start](#)
- [Notification of updates](#)

# Install VOSViewer



# Step By Step Menggunakan VOSViewer

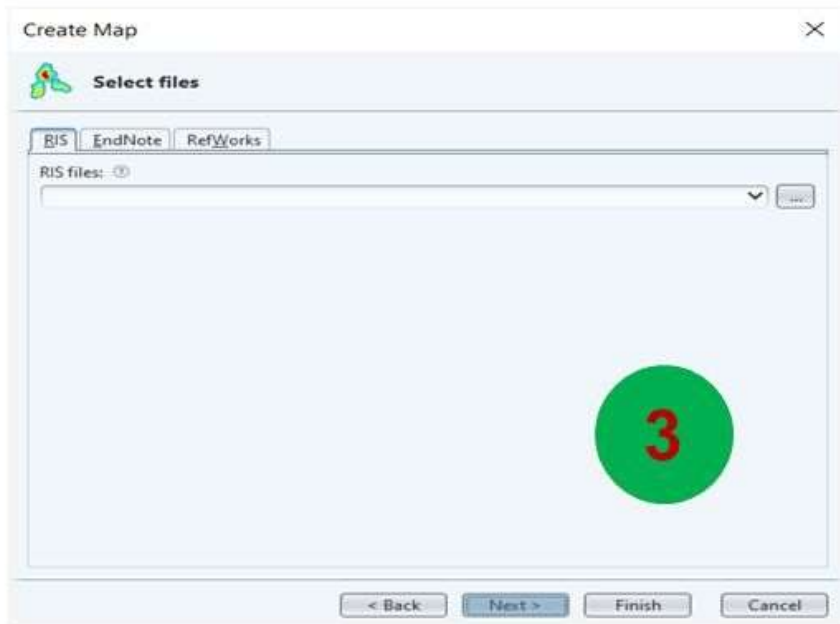


Kita dapat memilih tipe data yang akan digunakan:

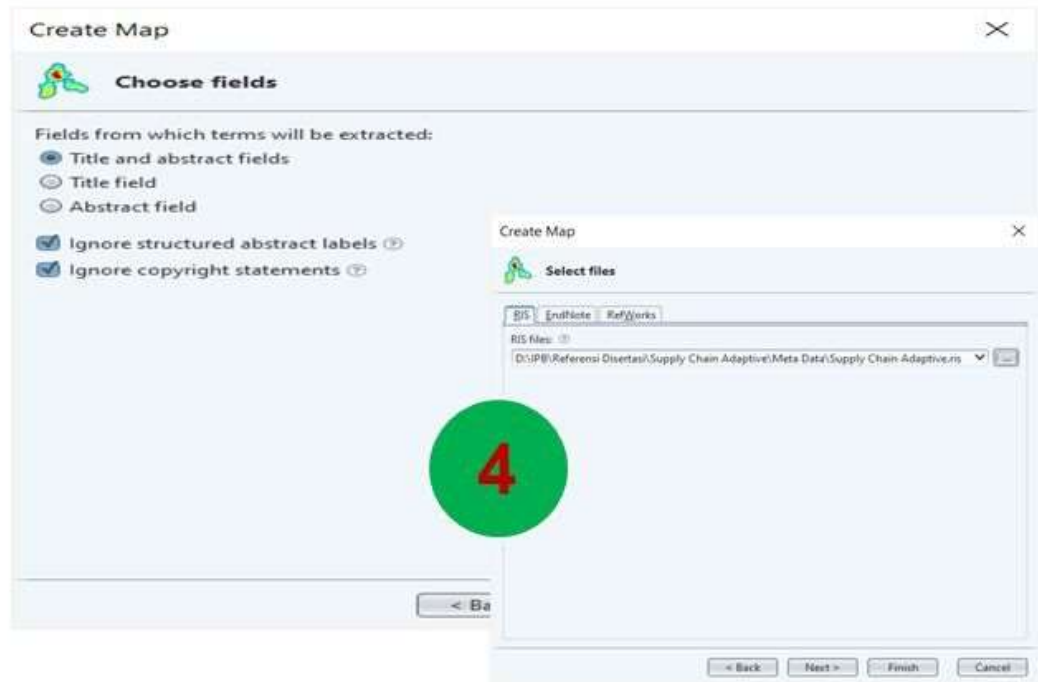
- Create a Map based on Network Data =
- Create a Map based on bibliographic Data =
- Create a Map based on Text Data =

Selanjutnya kita tentukan sumber data yang digunakan dalam bentuk meta data.

# Step By Step Menggunakan VOSViewer

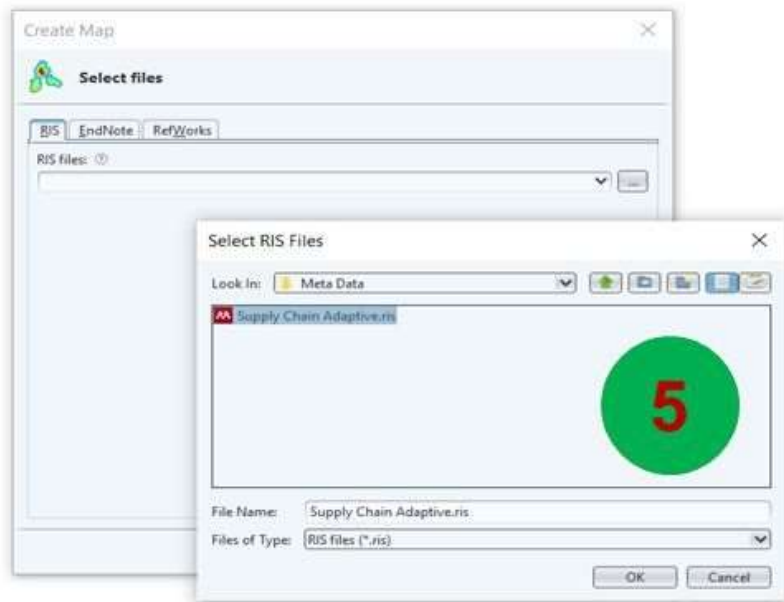


Meta data yang telah kita simpan, dapat kita pilih, Misalnya Meta Data disimpan dalam bentuk RIS (RefManager) → Cari File → Next

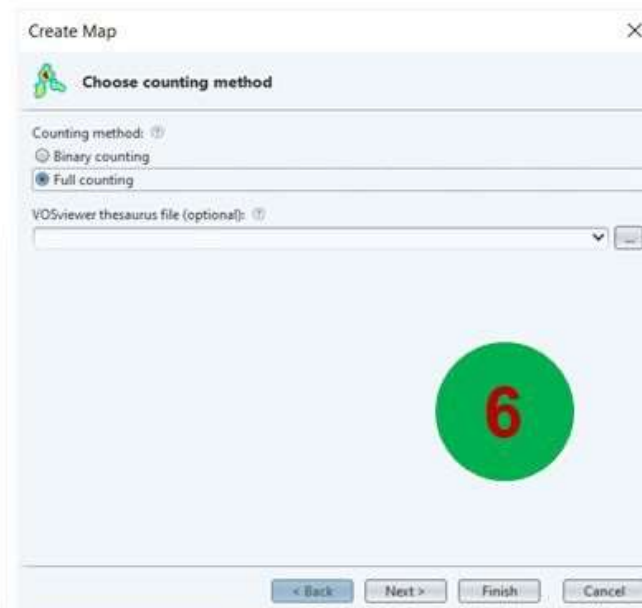


Tentukan field atau atribut yang akan dipilih (Misal: Fields diambil dari Judul dan Abstrak), selanjutnya pilih tempat menyimpan file meta data.

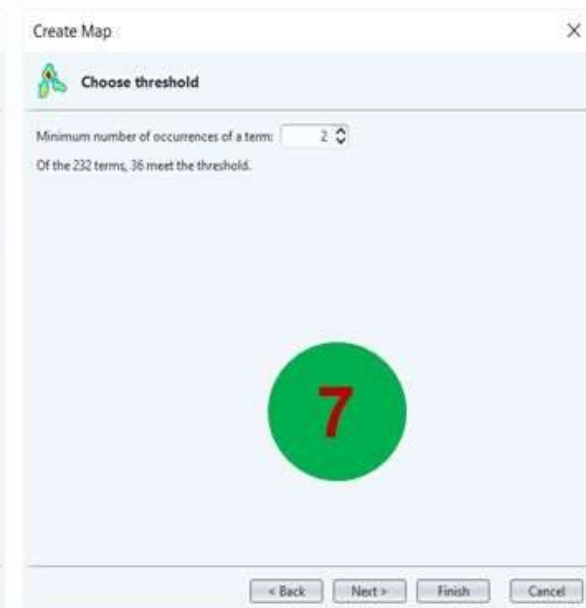
# Step By Step Menggunakan VOSViewer



Pengambilan Meta data → OK



Selanjutnya kita dapat menentukan metode perhitungan apakah Binnary atau Full Counting

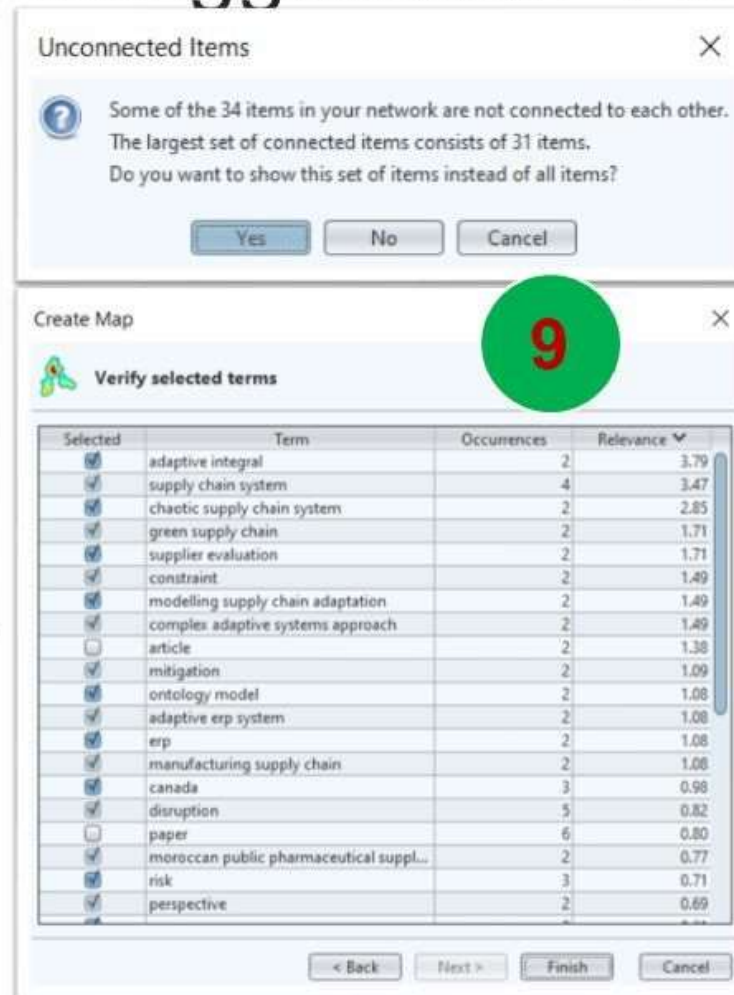


Pada pemilihan threshold, kita menentukan referensi dengan jumlah kesamaan berapa yang akan kita tampilkan.

# Step By Step Menggunakan VOSViewer

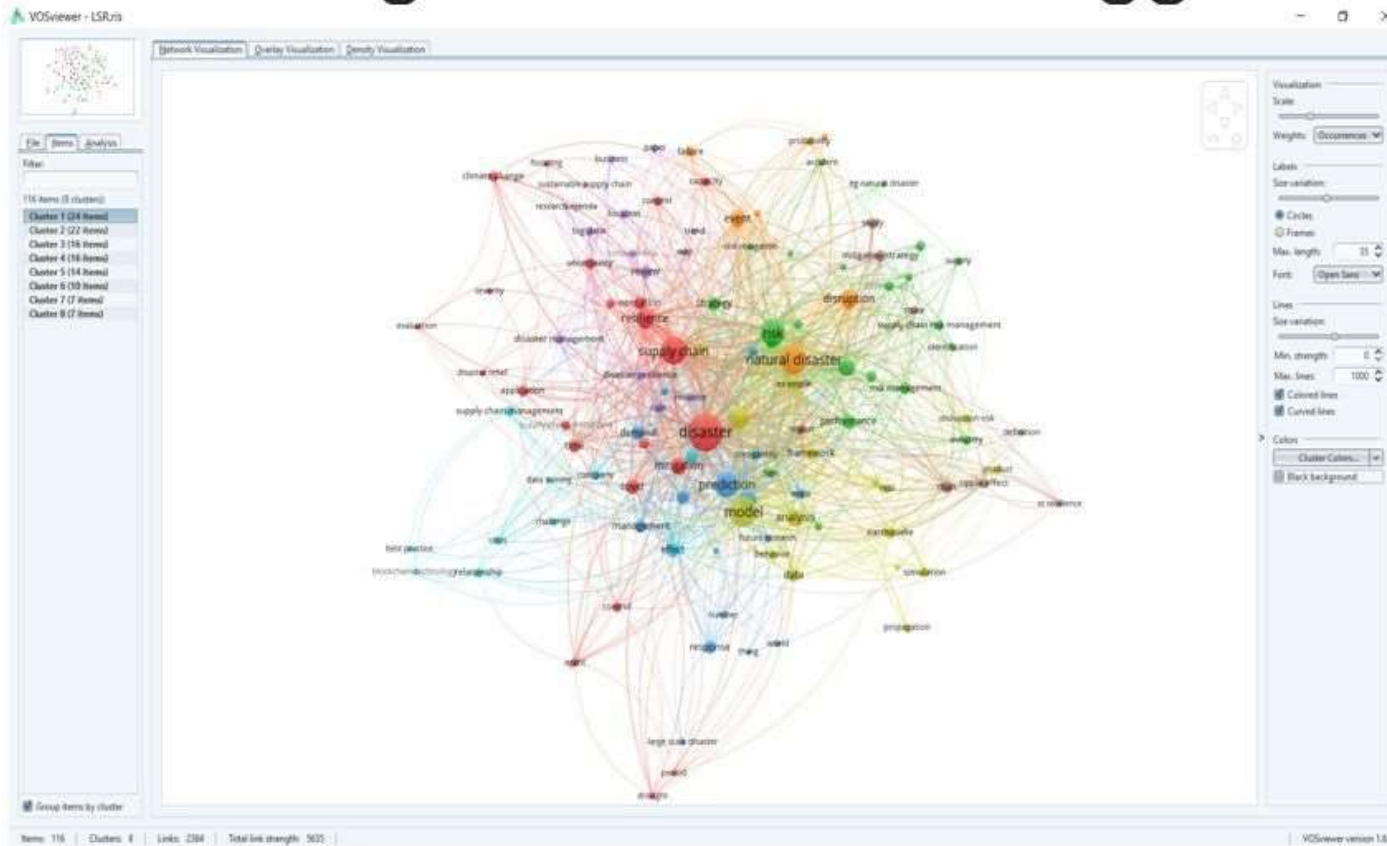


Berikutnya tampil jumlah data yang akan ditampilkan



Kita dapat menghilangkan beberapa data yang tidak relevan dengan data yang akan kita analisis

# Hasil Pengolahan Data Menggunakan VOSViewer



Hasil analisis artikel dapat dikelompokkan ke dalam enam kluster (6 kluster dominan, 2 kluster minoritas) yang masing-masing dapat diidentifikasi berdasarkan warnanya. Kluster pertama berwarna merah. Kluster kedua berwarna hijau. Kluster ketiga berwarna biru. Kluster keempat berwarna kuning. Kluster kelima berwarna Ungu dan kluster terakhir, kluster keenam Cokelat.

**Screening Data**  
Keterangan: **Label** mengindikasikan kata kunci atau istilah yang sering muncul. **Warna** mengindikasikan kluster.

**Pemetaan** dapat digunakan untuk mendapatkan gambaran detail dari struktur sebuah jaringan bibliometrik (Waltman et al., 2010, hlm. 630), sedangkan pengklusteran digunakan untuk mendapatkan **insight** atau gambaran tentang pengelompokan bibliometrik.

Setiap **lingkaran** mewakili sebuah **kata kunci atau istilah yang sering muncul**, yang diambil dari judul dan abstrak artikel.

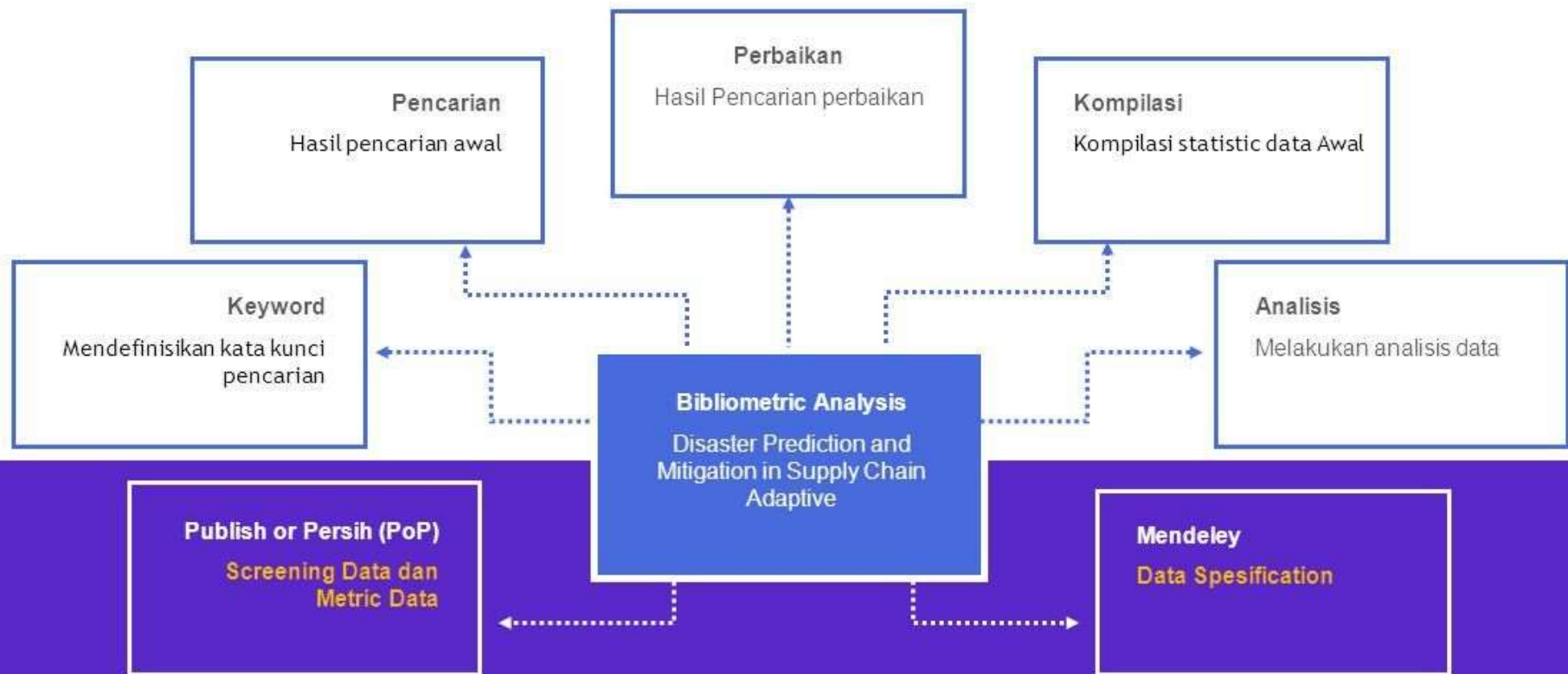
**Ukuran besar-kecil lingkaran** mengindikasikan **jumlah publikasi** yang memiliki **relasi** dengan istilah tersebut, baik di dalam judul maupun abstrak artikel. **Semakin besar** ukuran lingkaran berarti **semakin besar pula jumlah artikel yang memiliki relevansi** dengan kata kunci atau istilah tersebut.





# Analisis Data Mapping

(Adopsi dari Faimnia, et al., 2015 dan Setyaningsih, et al., 2018)



# 1. Mendefinisikan Key Word Pencarian

01

## Pencarian

Menggunakan Software PoP dengan type Google Scholar Search

02

## Pengaturan

- Key Word = Disaster Prediction and Mitigation
- Max Number of Results = 200
- Years = 2000 - 2020

03

## Mengabaikan

- Author
- Publication Name

04

## Mendapatkan

- Jumlah Paper = 180 Papers
- Publication Years = 2000 – 2019
- Citations = 56549



## 2. Hasil Pencarian Awal

01

Jurnal tertua  
2000

02

Jurnal Terbaru  
2019

03

Terdapat Jurnal yang tidak Relevan

- System Prediction
- System Mitigas
- Disaster



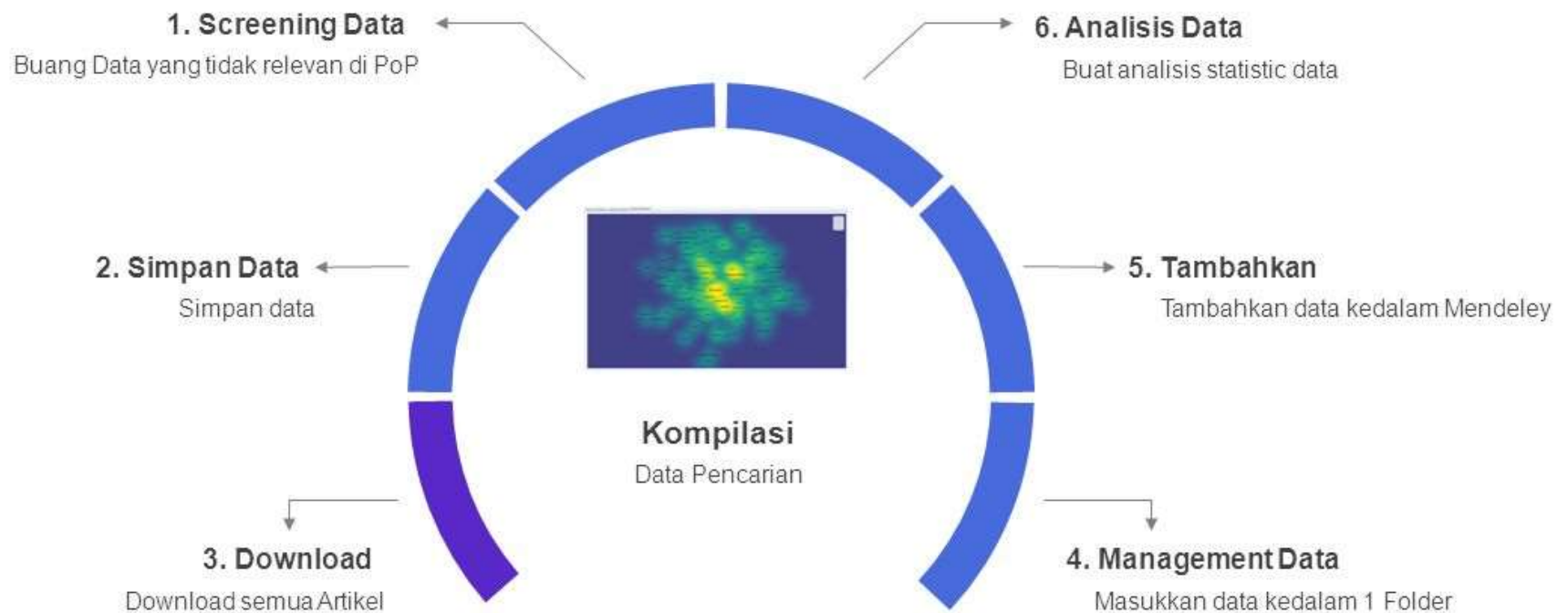
### 3. Hasil Pencarian Perbaikan

● System Prediction and Mitigation

Search Screening		Number of Articles	C
01	Not relevant (green tea, green gold)	Text Here	Text
02	Not in English (Indonesia, Malaysia)	-	-
03	Unidentified/citation link only/rejected website	Text Here	Text
04	Double	-	-
05	Less than four pages	Text Here	Text
06	Editorial/book review	-	-
07	Q3/Q4/none from Scimagojr list	Text Here	Text
08	Non-business topics		
09	Q1-Q3		
Total			

You can simply impress your audience and add a unique zing and appeal to your Reports and Presentations with our Templates. This text can be replaced with your own text. This text can be replaced with your own text. Get a modern PowerPoint Presentation that is beautifully designed. Easy to change colors, photos and Text.

# 4. Kompilasi Statistik Data Awal

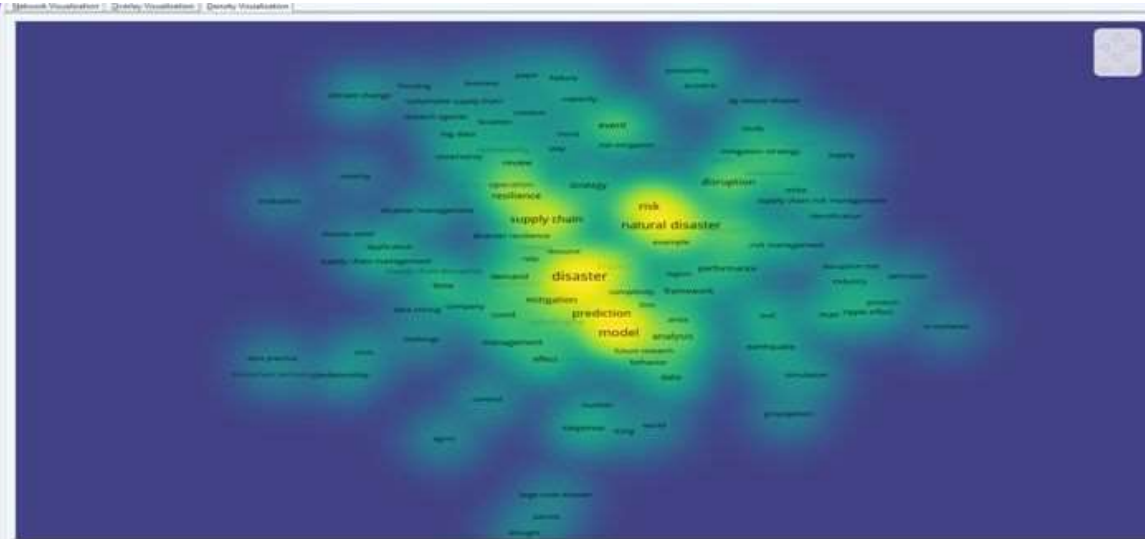


# Perbandingan Metrik

<i>Metrics data</i>	<i>Initial search</i>	<i>Refinement search</i>
Query	Journal, green manufacturing	Journal, green manufacturing from 1998 to 2017
Source	Google Scholar	Google Scholar
Papers	374	76
Citations	5,593	3,714
Years	(1830–2017) 188 years	(1998–2017) 20 years
Cites_Year	29.91	195.47
Cites_Paper	14.95	48.87

# 5. Analisis Data

- ❑ Analisis Bibliometrik
- ❑ Mapping Data



No	Citations	Per Year	Author	Title	Year	Publications	Publisher
1	254	173					