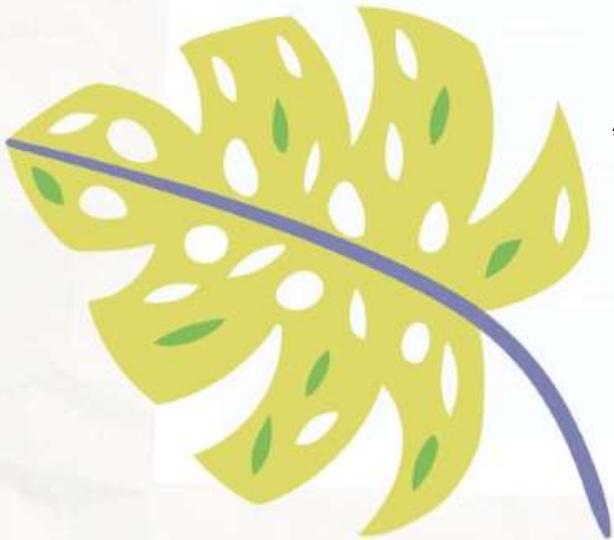
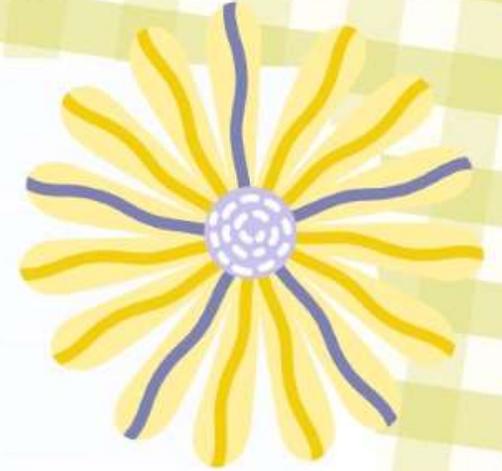


**ANALISIS SLR
MENGUNAKAN
BERBAGAI APLIKASI**





Dr. Nurul Istiq'faroh, M.Pd.



Mengenal Paper SLR

Paper SLR merupakan paper yang berisi akumulasi informasi yang berasal dari sekumpulan paper, yang dipilih berdasarkan kata kunci, topik, dan kriteria lainnya.

Pemilihan dilakukan secara sistematis, mengikuti protokol tertentu, misal: PRISMA



1

Penulis memilih topik tertentu, lalu mencari dan mengumpulkan paper dari basis data paper baik yang bereputasi maupun yang tidak bereputasi.

2

Masing-masing paper kemudian direview dan dikumpulkan informasi-informasi pentingnya, seperti teori, data, objek penelitian, lokasi, metode analisis, dsb.

3

Hasilnya kemudian diuraikan dalam sebuah paper, yang menjelaskan berbagai informasi (metadata) yang sudah dikumpulkan.

Perkembangan Paper SLR

Tabel 1.1. Paper Systematic Literature Review di doaj.org

Tahun	Pendidikan	Sosial	Teknologi	Sains	Kesehatan
2022	54	117	374	192	564
2021	46	97	316	149	504
2020	29	56	175	93	397
2019	21	28	73	43	258
2018	12	22	55	51	210
2017	9	20	31	37	149
2016	5	9	12	31	103
2015	2	4	9	25	81
2014			8	17	76
2013			9	21	70
2012			5	4	65

Keunggulan Paper SLR

1



Menggunakan sekumpulan paper

Paper SLR menggunakan paper-paper yang dikumpulkan dari database paper, berdasarkan topik tertentu

2



Tidak perlu mencari data

Bagian yang merepotkan dalam penelitian adalah mencari dan mengumpulkan data. Paper SLR tidak memerlukan data seperti ini.

3



Tidak perlu melakukan analisis hitungan rumit

Paper SLR tidak memerlukan data untuk dianalisis dengan program-program yang rumit. Cukup tabulasi dan grafik saja.

4



Menggunakan protokol yang relatif mudah

Paper SLR perlu berisi penjelasan langkah-langkah pemilihan paper dalam diagram, misalnya PRISMA.

Tahapan Menulis Paper SLR

1



Pilihlah topik dan jadikan kata kunci pencarian paper

Pilihlah topik yang tidak terlalu kuno, banyak dibahas dan menarik.
Software: Google Scholar, Publish or Perish

2



Kumpulkan dan unduhlah papernya

Kumpulkan paper-papernya dari satu atau beberapa database paper
Misal: Web of Science, Scopus, Crosref, SSRN, Google Scholar.
Bisa didapat ratusan atau ribuan paper.
Software: SEforRA, scopus.com, Publish or Perish, Watase

3



Pilihlah paper yang akan dianalisis

Saringlah paper berdasarkan kriteria tertentu
Misal: paper harus berbahasa Inggris, ada landasan teori, ada analisis data, ada metode analisis statistiknya, dsb. Tidak ada acuan baku untuk ini. Di sini akan tersisa: puluhan paper saja. Sertakan urutan pemilihan paper dengan PRISMA
Software: Excel, Watase, Covidence

4



Kumpulkan informasi penting

Kumpulan informasi penting (metadata) setiap paper.
Misal: landasan teori, variabel, model dan hipotesis, jenis industri, alat analisis/statistik, periode penelitian, negara.
Bisa dilakukan secara manual (dengan Ms Excel), atau dengan aplikasi (watase.co.id, Nvivo)

5



Buatlah tabulasi dan grafiknya

Rangkumlah berbagai informasi yang terkumpul, dengan tabel dan grafik
Tahap akhir adalah membuat ringkasan atas data yang terkumpul, lalu jelaskan secara ringkas, gunakan tabel dan/atau grafik yang memudahkan pembaca memahamI hasilnya.

6



Tulishlah papernya dan kirim ke jurnal

Tulishlah papernya dan kirimlah ke jurnal yang menerima paper SLR (banyak)
Banyak jurnal, baik DN maupun LN, yang menerima paper SLR.

An SLR-Tool: Search Process in Practice

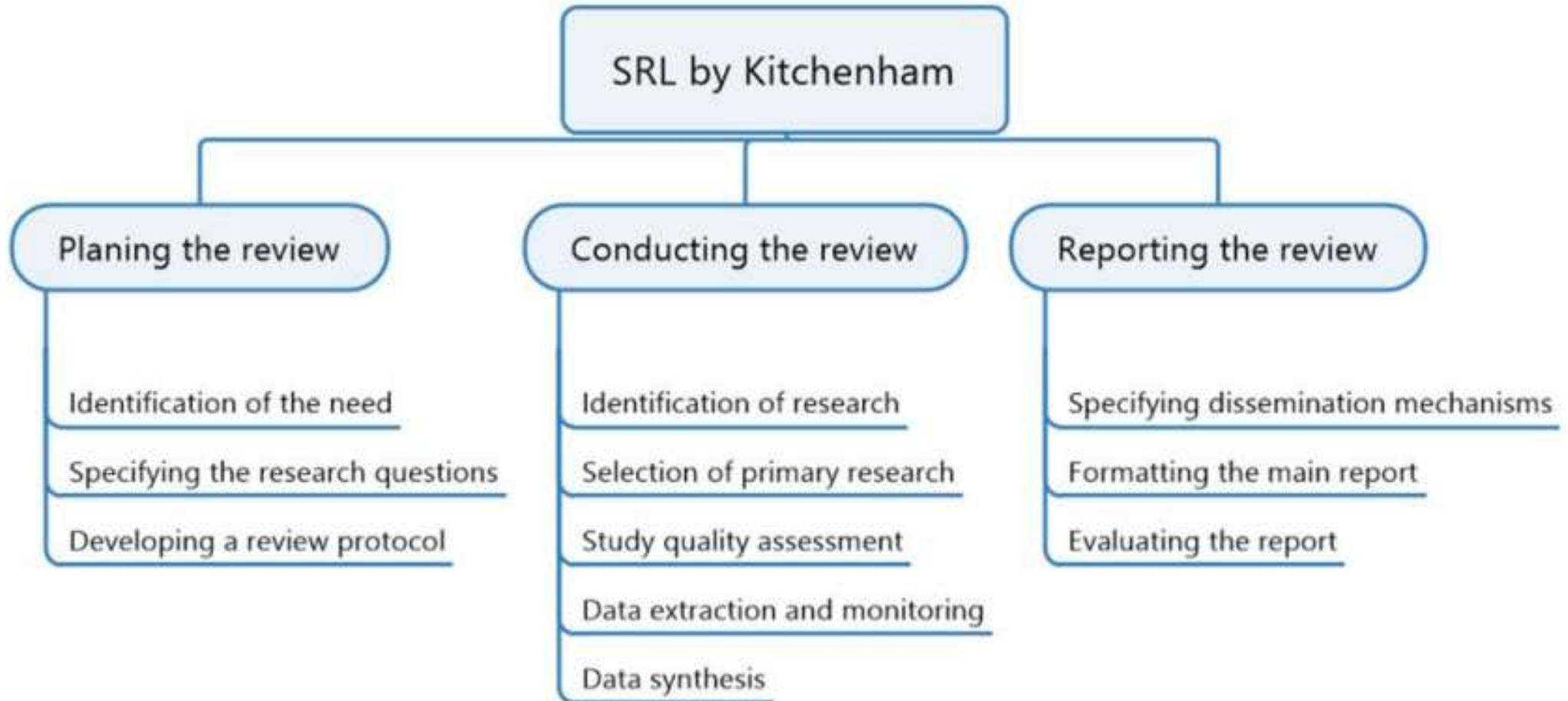
A tool to conduct and manage Systematic Literature Review (SLR)

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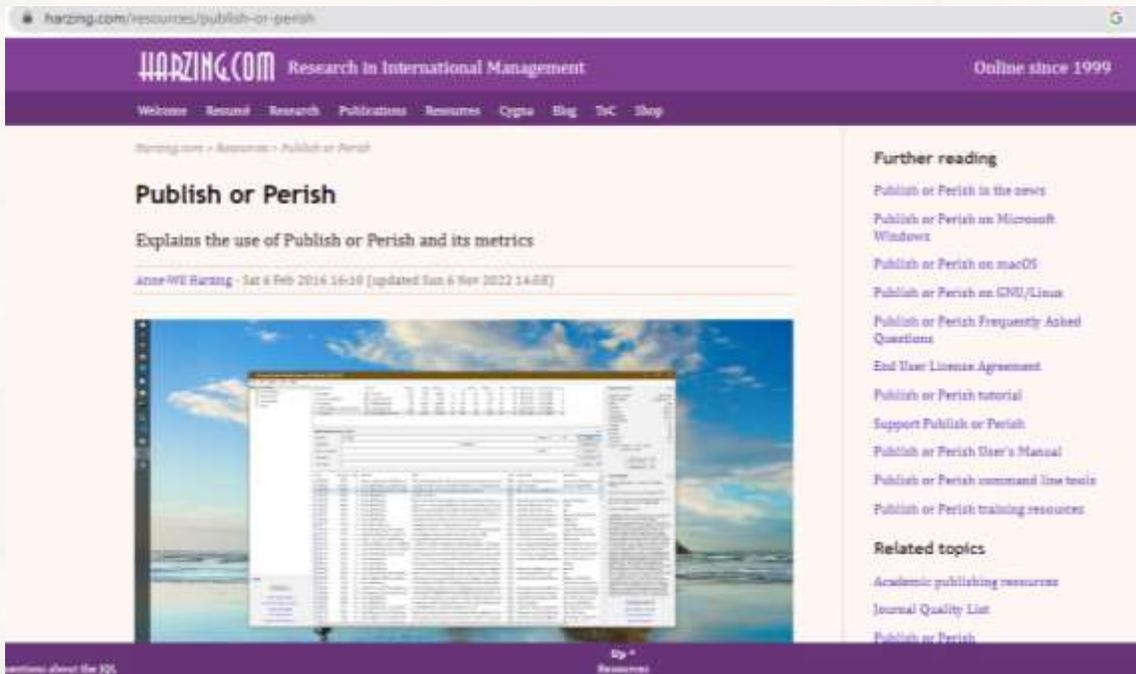
Software untuk mengumpulkan paper



Unduh Publish or Perish

Sebelum menggunakan aplikasi Publish or Perish, perlu mengunduhnya terlebih dahulu dari alamat:

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



Di sana ada pilihan untuk mengunduh aplikasi berbasis MacOs, Ms Windows, maupun Linux.

Setelah diunduh, langsung diinstal, dan aplikasi siap di pakai.

2. Sebagai contoh, akan digunakan Google Scholar terlebih dahulu. Untuk itu, klik saja Google Scholar*.

Google Scholar search [Help](#)

Authors: Years: -

Publication name: ISSN:

Title words:

Keywords:

Maximum number of results: Include: CITATION records Patents

3. Tuliskan topik pencarian di salah satu item, bisa berdasar Authors, Publication name, Title words, atau Keywords. Pada contoh disini, digunakan Title words, maka di bagian itu, tuliskan financial report submission. Bila perlu, tuliskan juga sejak tahun berapa hingga tahun berapa. Kalau sudah, klik Search. Hasilnya akan ditampilkan seperti berikut.

Google Scholar search Help

Authors: Years: -

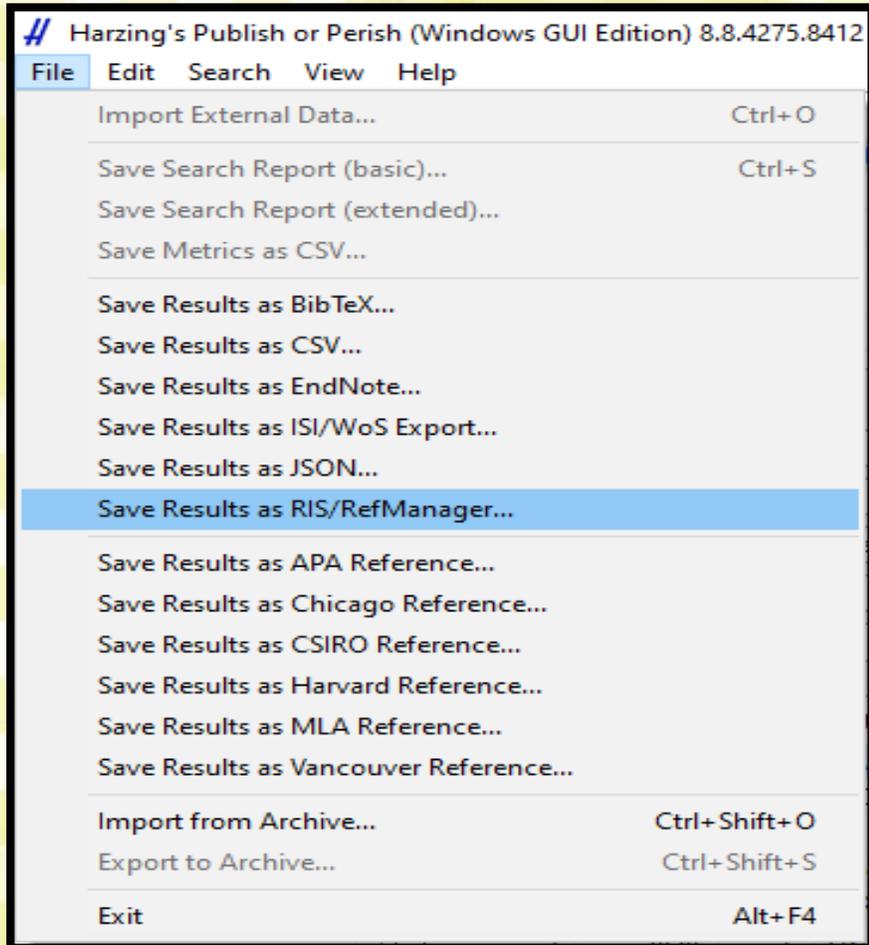
Publication name: ISSN:

Title words:

Keywords:

Maximum number of results: Include: CITATION records Patents

	Cites	Per year	Rank	Authors	Title	Year	Publication	Publisher	Type
<input checked="" type="checkbox"/> h	65	21.67	1	T Ardhian, I Umm...	Reading and Critical Thinking Tec...	2020	International Journal of ...	ERIC	
<input checked="" type="checkbox"/> h	24	3.43	3	MCC Magalhães	Intervention research in a public ...	2016	Outlines. Critical Practice ...	tidsskrift.dk	
<input checked="" type="checkbox"/> h	10	3.33	9	RD Utami, N Amal...	Critical reading skills through mu...	2020	International Journal of In...		CITATION
<input checked="" type="checkbox"/> h	9	3.00	2	R Fahrurrozi, U Ha...	The influence of reading interests...	2020	International Journal of Ps...	sipeg.unj.ac.id	PDF
<input checked="" type="checkbox"/>	2	0.50	5	O Kurniaman, E N...	Critical Thinking Analysis of Read...	2019	Proceedings of the ...	ices.prosiding.unri.ac.id	
<input checked="" type="checkbox"/>	2	0.50	7	AC Utomo, K Sya...	The effect of PBL and DRTA on cri...	2019	... Conference on Current ...	atlantis-press.com	
<input checked="" type="checkbox"/>	2	0.67	10	T Ardhian	... y Reza Rachmadtulla."Reading ...	2020	International Journal of In...		CITATION
<input checked="" type="checkbox"/>	2	0.50	11	MS Kiran	... the level of critical thinking skil...	2019	İnönü University		CITATION
<input checked="" type="checkbox"/>	2	0.29	12	RG Croninger, RM...	Just ask! What prompts elementa...	2016	Turkish Online Journal of ...		CITATION
<input checked="" type="checkbox"/>	1	0.25	6	C Karyana, A Akbar	Application of Scanning Techniq...	2019	Didaktika ...	download.garuda.kemdik...	PDF
<input checked="" type="checkbox"/>	0	0.00	4	RD Utamia, N Am...	Critical Reading Skills Through M...		ijicc.net		PDF
<input checked="" type="checkbox"/>	0	0.00	8	LOA Rey	... reflexiva en la lectura crítica en ...		Revista de Investigación E...	unipemuniveduca.com	PDF



5. Pilihlah Save Result as RIS/RefManager, lalu tentukan folder penyimpanan dan tuliskan nama filenya. Misalnya saja: Critical Reading in Elementary School (otomatis akan ditambahi *.ris)

Publish or Perish

The screenshot shows the 'Publish or Perish' software interface. The main window displays search results for 'sustainability reporting' with columns for Cites, Per year, Rank, Authors, Title, and Year. A table of results is visible, listing various papers and their citation metrics. On the right side, there is a 'Citation metrics' panel showing summary statistics for the search results, including publication years, total citations, and various indices like h-index and g-index. Below the metrics, there are buttons for 'Copy Results' and 'Save Results'. A 'Paper details' section is also visible, allowing users to view details for a selected paper.

Cites	Per year	Rank	Authors	Title	Year	Publication
0	0.00	1	Marco Bellucci, Gi...	Materiality in sustainability report...	2018	Stakeholder Engag
0	0.00	2	Amina Mohamed ...	Sustainability Reporting Across S...	2022	International Persp
0	0.00	3	Amina Mohamed ...	Relevant Theories to Sustainabil...	2022	International Persp
0	0.00	4	Amina Mohamed ...	Sustainability Reporting in Differ...	2022	International Persp
0	0.00	5	Amina Mohamed ...	Sustainability Reporting: History ...	2022	International Persp
0	0.00	6	Amina Mohamed ...	Sustainability Reporting Law and ...	2022	International Persp
2	0.50	7	Lessaed Ben Mehj...	Sustainability Reporting and Inco...	2018	Sustainability Asse
0	0.00	8	Wangwei Lin	Corporate Non-Financial Reporti...	2022	Sustainability
0	0.00	9	Amina Mohamed ...	Sustainability Reporting and Diffe...	2022	International Persp
0	0.00	10	Fabrizio Granà	Representing Sustainability Withi...	2020	Redesigning Orga
0	0.00	11	Patrick Ulrich, Jes...	Sustainability reporting: The way ...	2022	Corporate governi
0	0.00	12	Kye Gbangbola, Ni...	Introduction to sustainability rep...	2020	Gold Standard Sus
0	0.00	13	Amina Mohamed ...	Sustainability Reporting and Diffe...	2022	International Persp
0	0.00	14	Fabrizio Granà	From Sustainability to Integrated ...	2020	Redesigning Orga
0	0.00	15	Fabrizio Granà	Defining Sustainability: The Evolu...	2020	Redesigning Orga
0	0.00	16		Business Sustainability Perform...	2019	Business Sustaina
0	0.00	17		Sustainability Reporting	2020	Sustainability and
9	2.25	18	Jolanta Maj	Embedding Diversity in Sustainab...	2018	Sustainability
28	7.00	19	Lukas Timbate, Ch...	CSR Performance, Financial Repo...	2018	Sustainability
0	0.00	20		Emerging Issues in Sustainability ...	2019	Business Sustaina
2	1.00	21	Giorgio Mion	Organizations with Impact? A Stu...	2020	Sustainability
0	0.00	22	Steven Dripurt	Sustainability Reporting Teaching...	2020	
0	0.00	23	Amina Mohamed ...	Sustainability Dimensions	2022	International Persp
0	0.00	24	Melissa K. Scanlan	Measuring and Reporting Sustain...	2021	Prosperity in the F
11	5.50	25	Sara Giuneppe Ma	Moving from Social and Sustaina...	2020	Sustainability

Publish or Perish merupakan aplikasi yang digunakan untuk mencari banyak paper berdasarkan topik tertentu. Sekali pencarian bisa terkumpul 1000 paper.

Pencarian dapat dilakukan ke berbagai database, dari yang gratis, registrasi, maupun berbayar.

Setelah dilakukan pencarian, hasilnya dapat disimpan atau disalin ke Ms Excel dengan **Save Results** atau **Copy Results**.

Data yang terkumpul dapat diolah dengan Ms Excel.



https://www.scopus.com/home.uri

Scopus Preview

Author Search Sources

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Author first name: Author last name:

Search

Sources

Introducing Clarivate metrics for journals

Search for a source:

View Add Remove

Source	Citations	Citations per year	Journal
Journal of Applied Psychology	1000	10.00	Journal

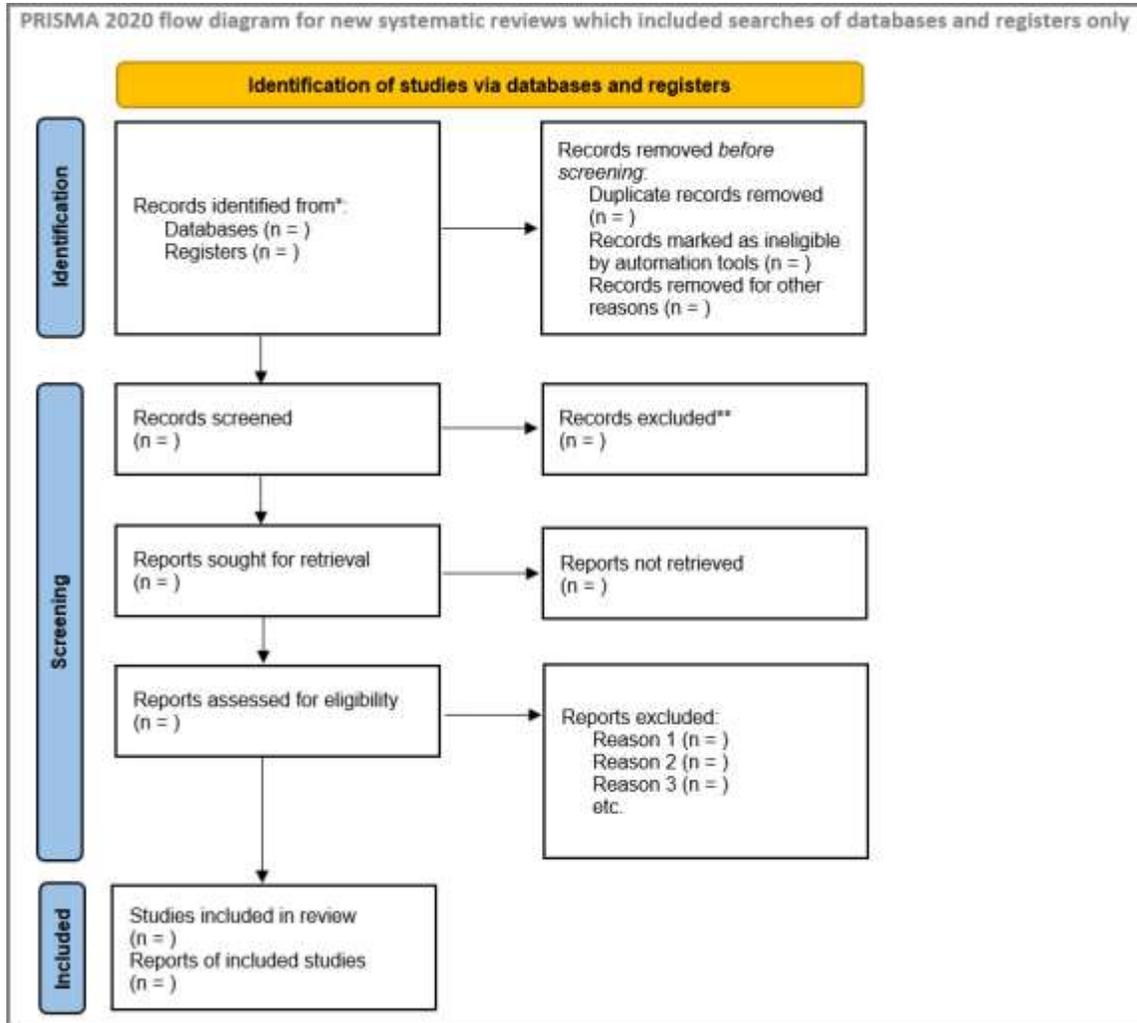
Scopus merupakan web penyedia paper-paper terindeks Q1234. Memerlukan akun untuk dapat mengaksesnya (sedikit kampus yang berlangganan Scopus).

Dengan Scopus, pencarian paper dapat langsung dilanjutkan dengan analisis dan berbagai output langsung tersedia (tabel dan grafik).

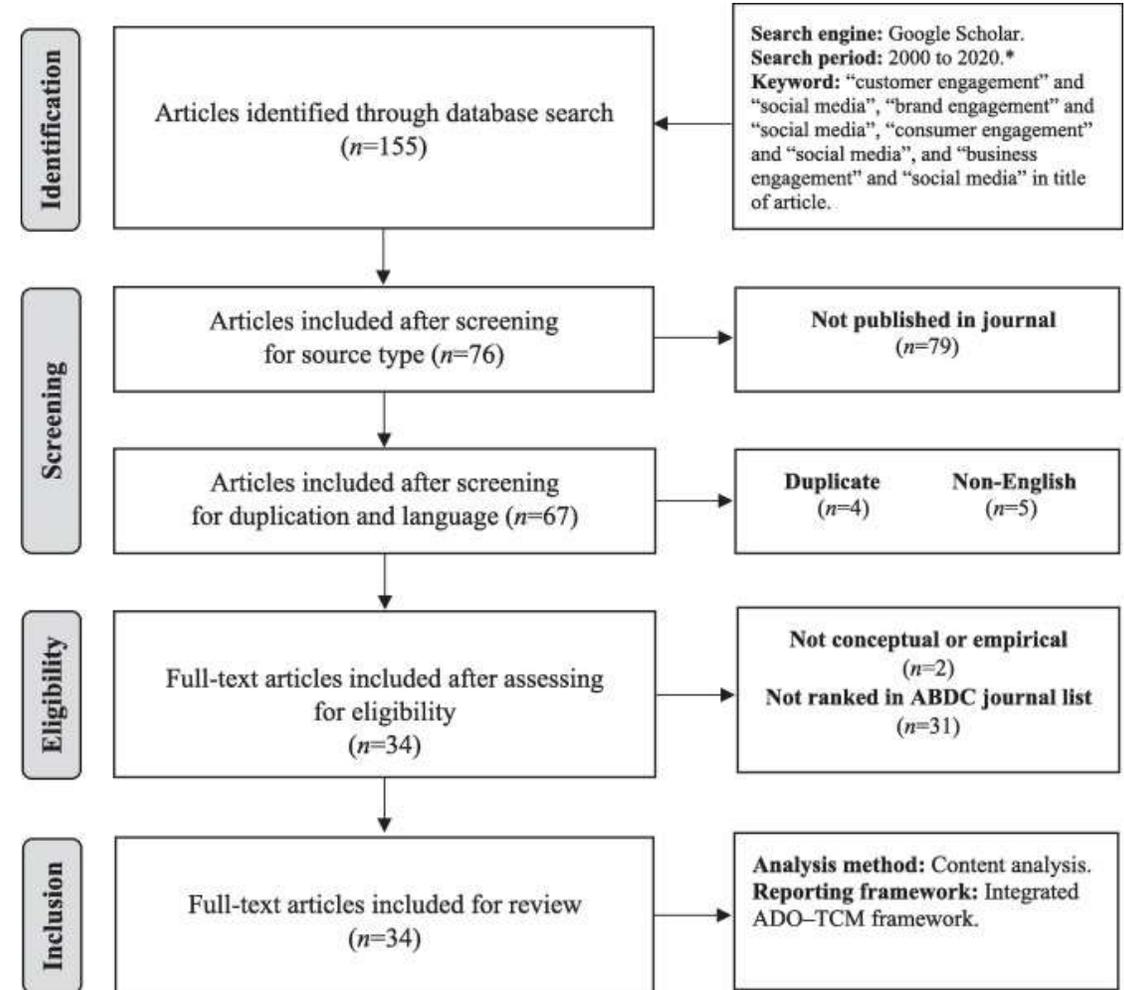
Software untuk mengerjakan paper SLR



PRISMA



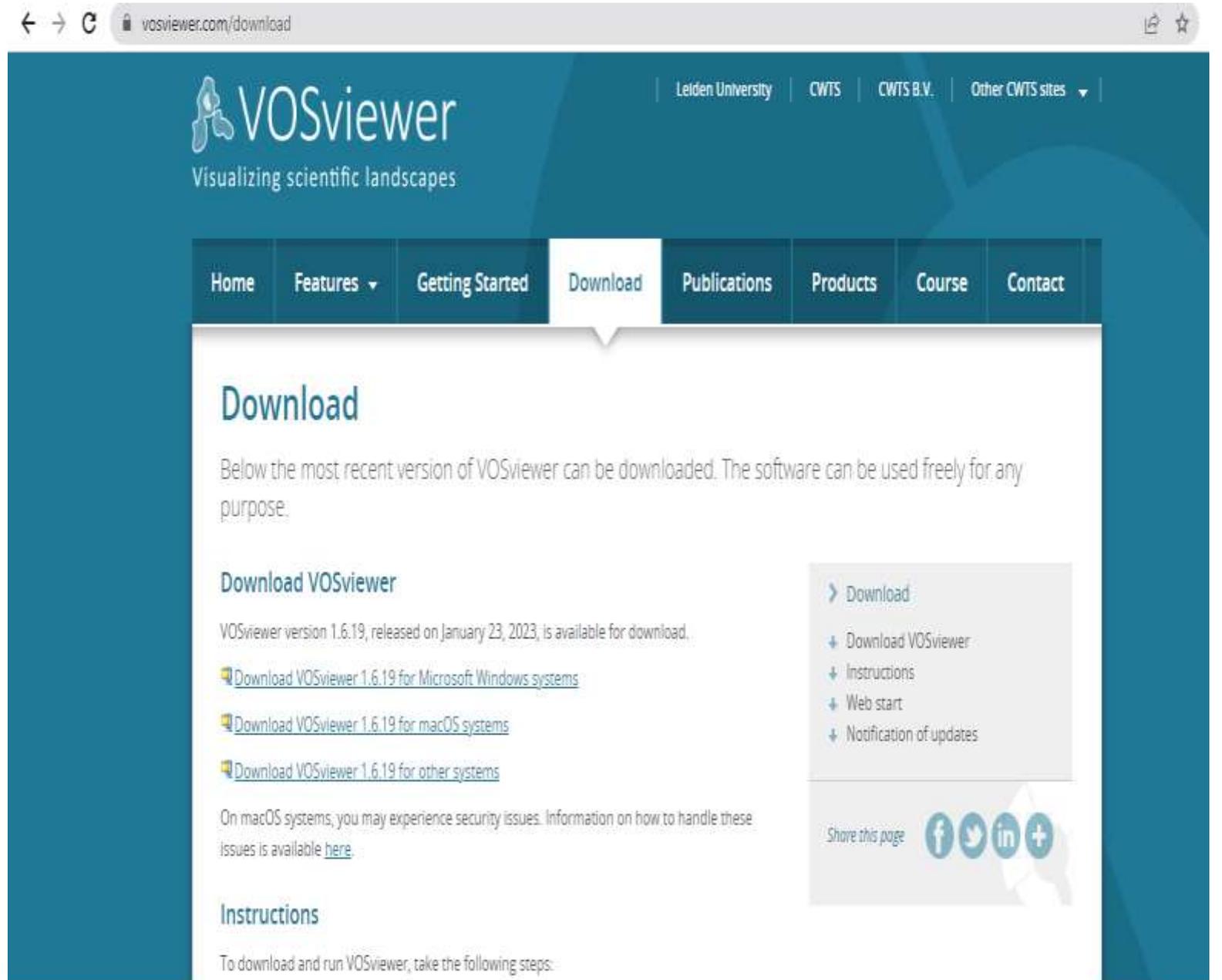
SPAR 4 SLR



https://estech.shinyapps.io/prisma_flowdiagram/

APLIKASI VOSviewer

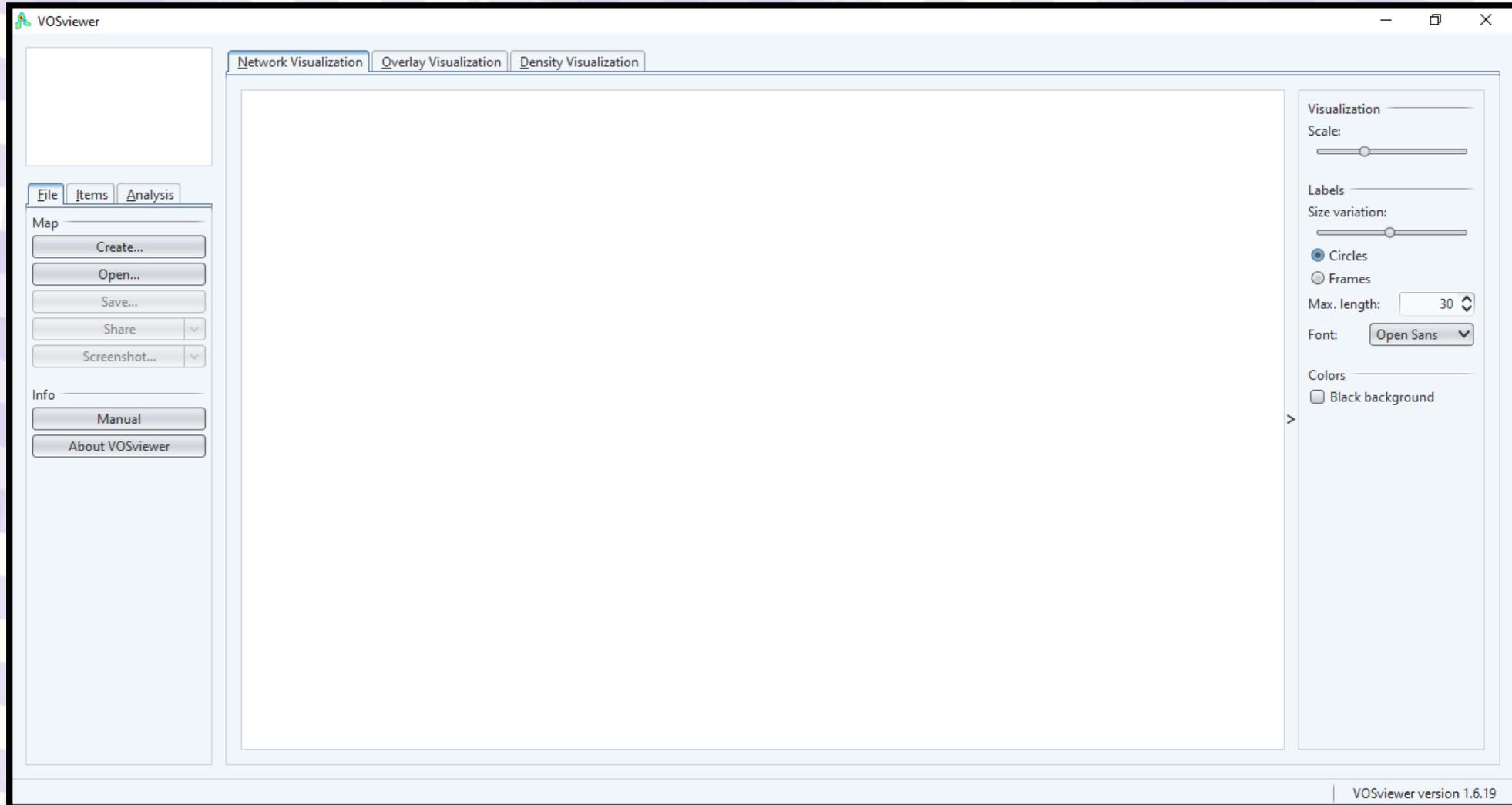
- VosViewer:
<https://www.vosviewer.com/>



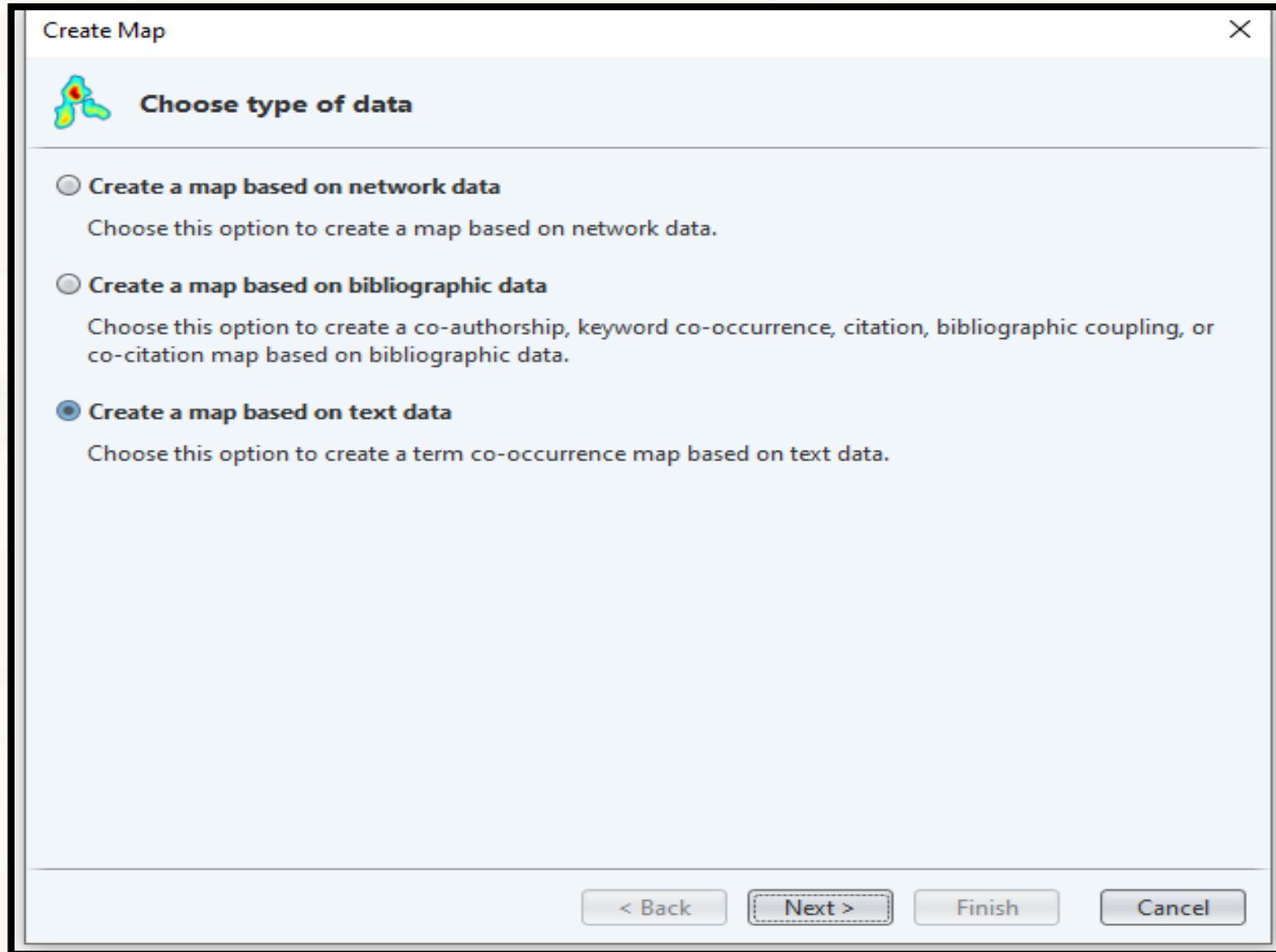
The screenshot shows the VOSviewer website's download page. The browser address bar displays 'vosviewer.com/download'. The website header includes the VOSviewer logo and tagline 'Visualizing scientific landscapes', along with navigation links for 'Leiden University', 'CWTS', 'CWTS B.V.', and 'Other CWTS sites'. A dark teal navigation bar contains links for 'Home', 'Features', 'Getting Started', 'Download' (which is highlighted), 'Publications', 'Products', 'Course', and 'Contact'. The main content area is titled 'Download' and contains the following text: 'Below the most recent version of VOSviewer can be downloaded. The software can be used freely for any purpose.' Below this, there is a section titled 'Download VOSviewer' with the text: 'VOSviewer version 1.6.19, released on January 23, 2023, is available for download.' Three download links are provided: 'Download VOSviewer 1.6.19 for Microsoft Windows systems', 'Download VOSviewer 1.6.19 for macOS systems', and 'Download VOSviewer 1.6.19 for other systems'. A note for macOS users states: 'On macOS systems, you may experience security issues. Information on how to handle these issues is available [here](#).' At the bottom of this section is an 'Instructions' heading with the text: 'To download and run VOSviewer, take the following steps:'. On the right side of the page, there is a sidebar menu with links: 'Download', 'Download VOSviewer', 'Instructions', 'Web start', and 'Notification of updates'. Below the sidebar menu are social media sharing icons for Facebook, Twitter, LinkedIn, and a general share icon, with the text 'Share this page'.

Langkah-Langkah untuk menggunakan aplikasi VOSviewer

1. Jalankan aplikasi VOSviewer.



2. Pilih dasar pembuatan peta ide penelitian. Misalnya saja pada contoh ini digunakan pilihan ketiga, **Create map basen on text data** lalu klik **Next**.

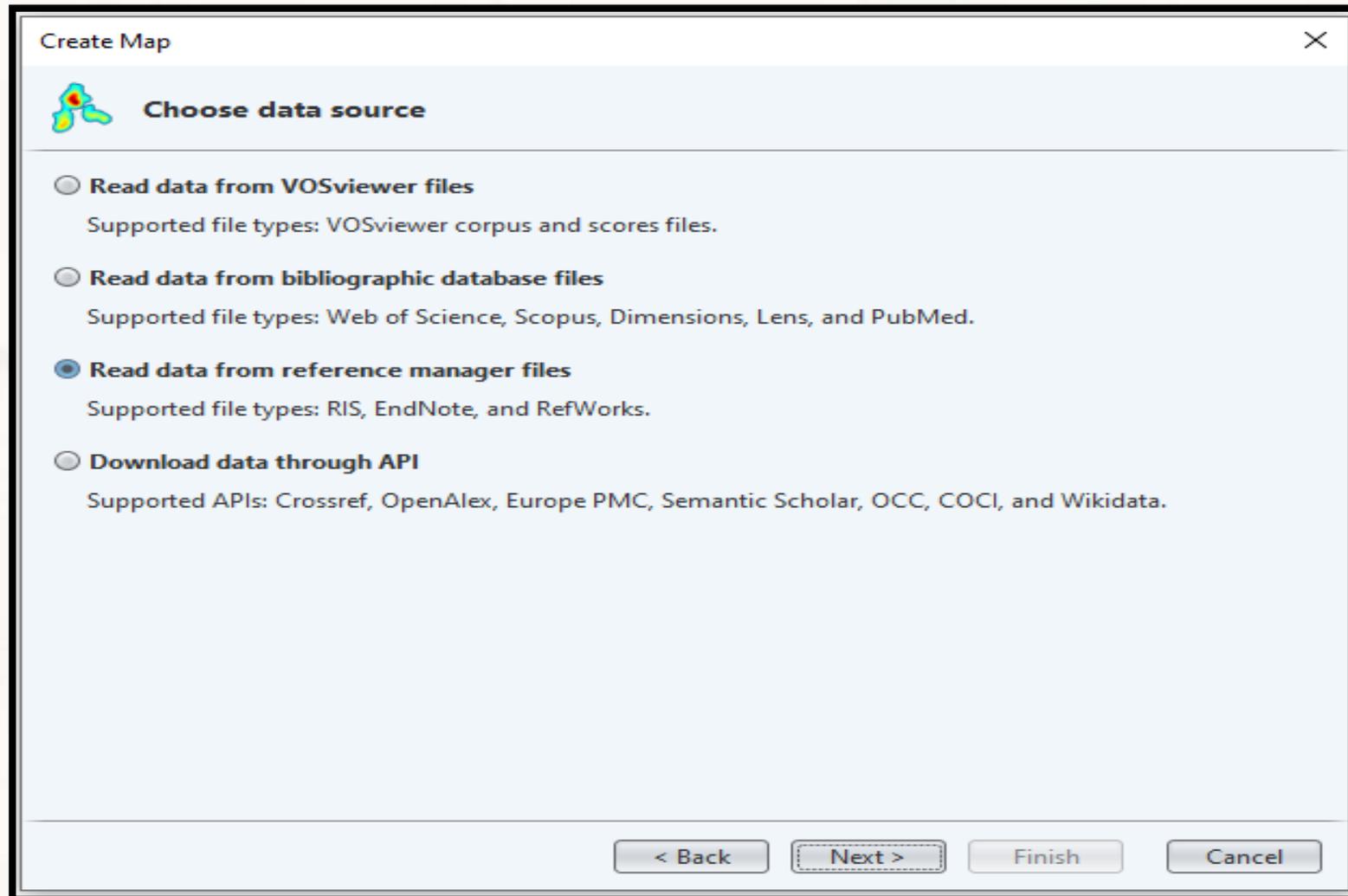


The screenshot shows a dialog box titled "Create Map" with a close button (X) in the top right corner. Below the title bar is a header area with a colorful icon and the text "Choose type of data". The main area contains three radio button options:

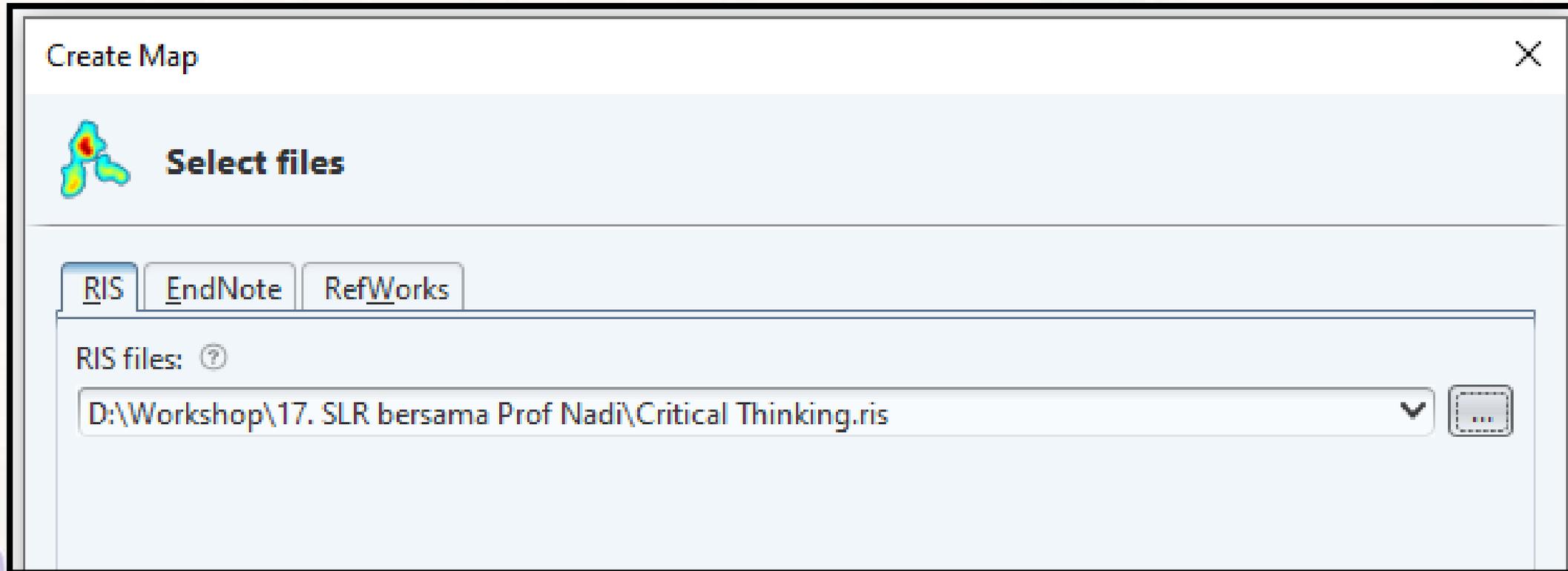
- Create a map based on network data**
Choose this option to create a map based on network data.
- Create a map based on bibliographic data**
Choose this option to create a co-authorship, keyword co-occurrence, citation, bibliographic coupling, or co-citation map based on bibliographic data.
- Create a map based on text data**
Choose this option to create a term co-occurrence map based on text data.

At the bottom of the dialog box, there are four buttons: "< Back", "Next >" (which is highlighted with a dashed border), "Finish", and "Cancel".

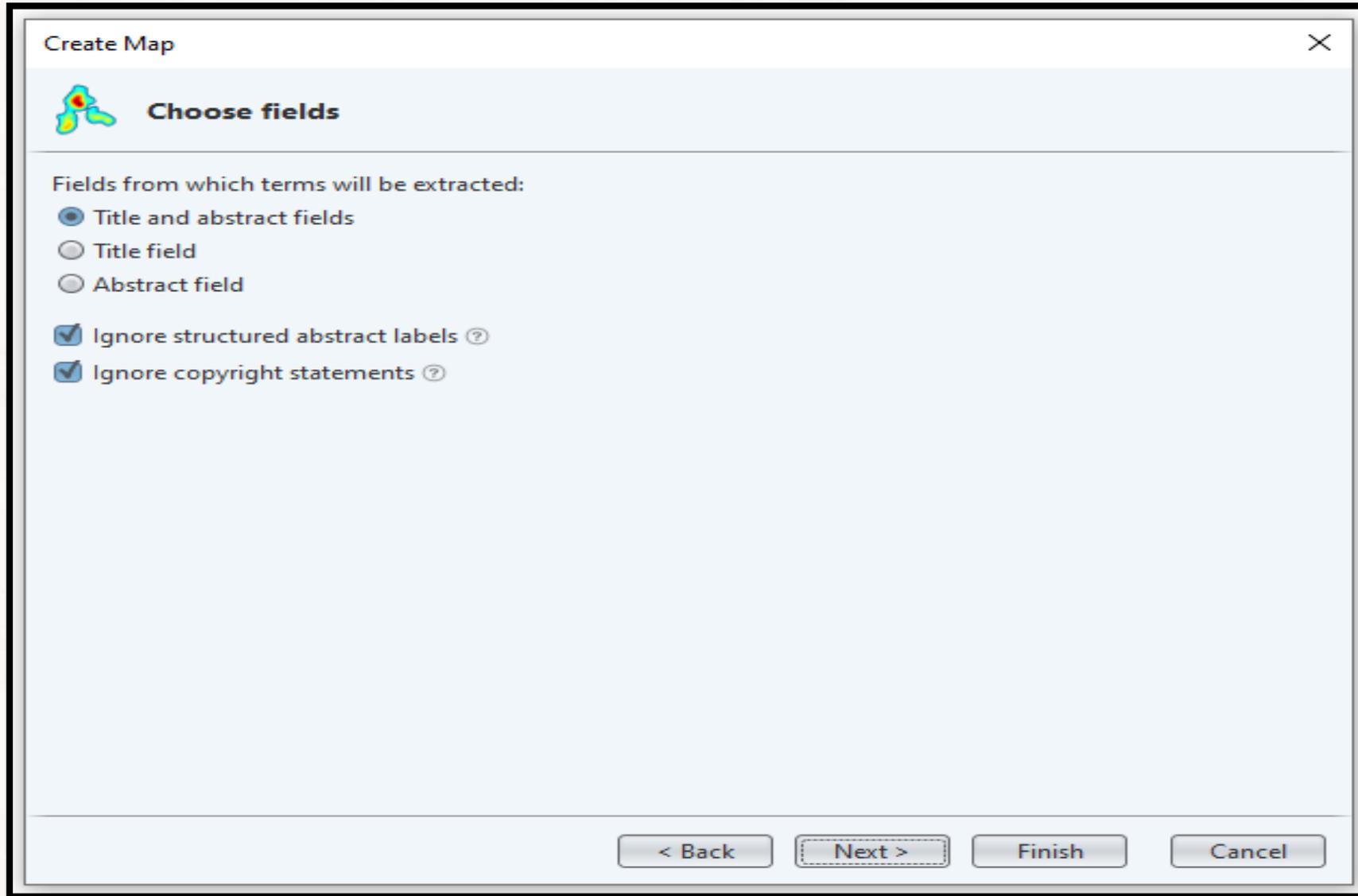
3. Pilihlah sumber datanya. Pada contoh ini pilihlah opsi ketiga yaitu Read data from reference manager files, karena kita akan menggunakan file *.ris yang sudah disimpan, lalu klik Next.



4. Tentukan nama file yang berisi kumpulan papernya. Pada contoh di sini, sudah dibuat file Critical Thinking.ris yang sudah dibuat dengan aplikasi Publish or Perish. Jika sudah, klik Next.



5. Pilihlah file yang akan dijadikan dasar pembuatan peta ide. Pada contoh ini, tidak usah diubah, sehingga langsung klik Next saja.



Create Map

 **Choose fields**

Fields from which terms will be extracted:

- Title and abstract fields
- Title field
- Abstract field

- Ignore structured abstract labels ?
- Ignore copyright statements ?

< Back Next > Finish Cancel

6. Pada pilihan Binary Counting, klik Next saja.

Create Map

 **Choose counting method**

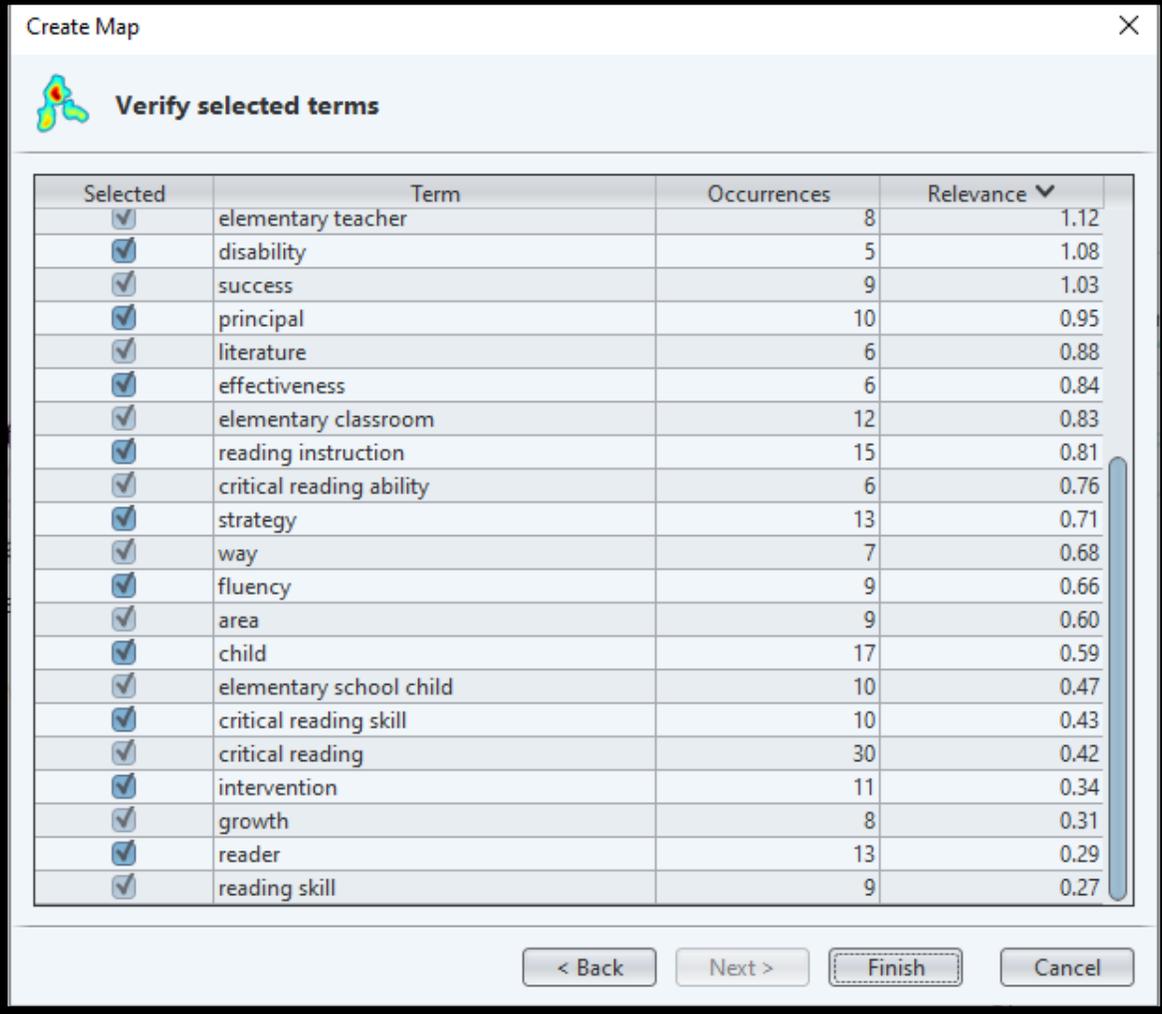
Counting method: ?

Binary counting

Full counting

VOSviewer thesaurus file (optional): ?

7. Pada layer Verify selected terms, Anda dapat memilih kata-kata atau istilah-istilah yang tidak akan dimasukkan ke dalam analisis. Pada contoh ini tidak ada yang dibuang, lalu klik next saja.



Create Map

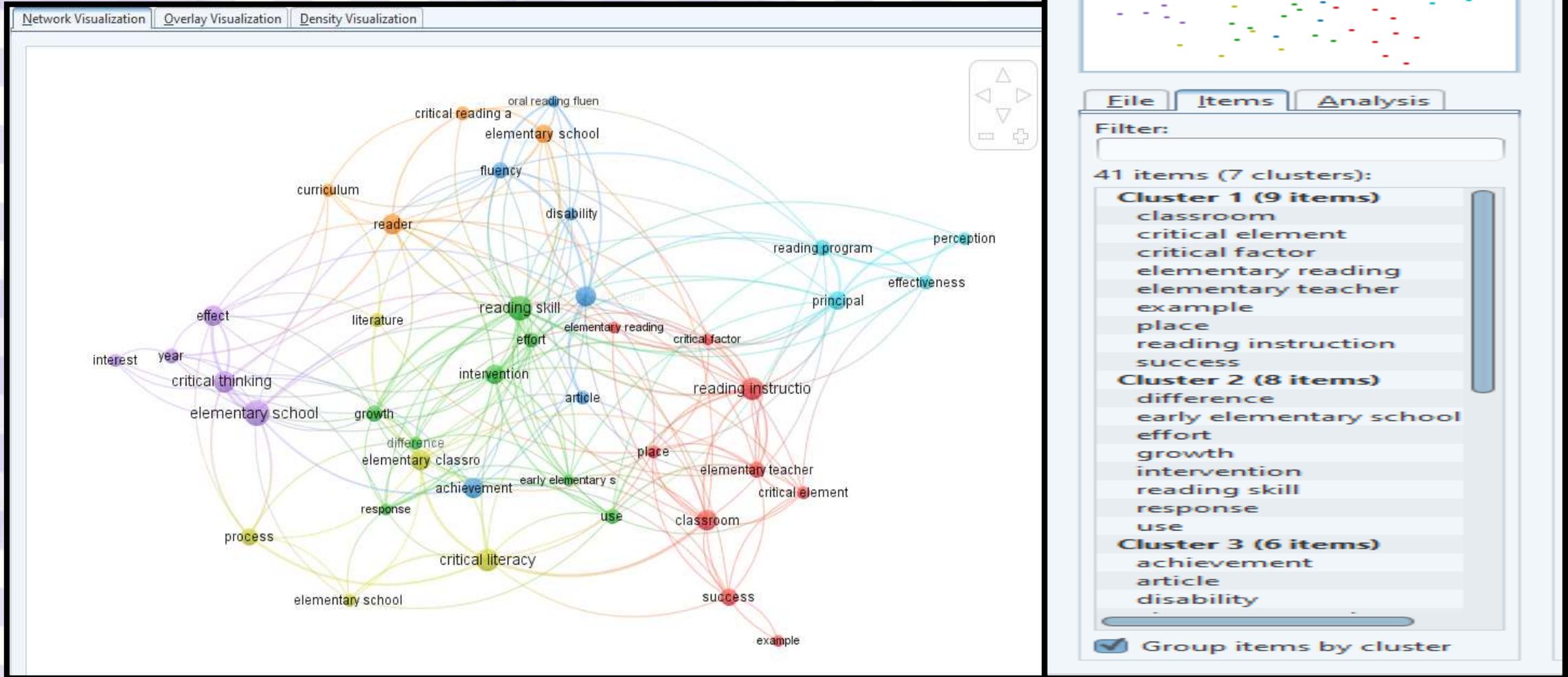
 Verify selected terms

Selected	Term	Occurrences	Relevance
<input checked="" type="checkbox"/>	elementary teacher	8	1.12
<input checked="" type="checkbox"/>	disability	5	1.08
<input checked="" type="checkbox"/>	success	9	1.03
<input checked="" type="checkbox"/>	principal	10	0.95
<input checked="" type="checkbox"/>	literature	6	0.88
<input checked="" type="checkbox"/>	effectiveness	6	0.84
<input checked="" type="checkbox"/>	elementary classroom	12	0.83
<input checked="" type="checkbox"/>	reading instruction	15	0.81
<input checked="" type="checkbox"/>	critical reading ability	6	0.76
<input checked="" type="checkbox"/>	strategy	13	0.71
<input checked="" type="checkbox"/>	way	7	0.68
<input checked="" type="checkbox"/>	fluency	9	0.66
<input checked="" type="checkbox"/>	area	9	0.60
<input checked="" type="checkbox"/>	child	17	0.59
<input checked="" type="checkbox"/>	elementary school child	10	0.47
<input checked="" type="checkbox"/>	critical reading skill	10	0.43
<input checked="" type="checkbox"/>	critical reading	30	0.42
<input checked="" type="checkbox"/>	intervention	11	0.34
<input checked="" type="checkbox"/>	growth	8	0.31
<input checked="" type="checkbox"/>	reader	13	0.29
<input checked="" type="checkbox"/>	reading skill	9	0.27

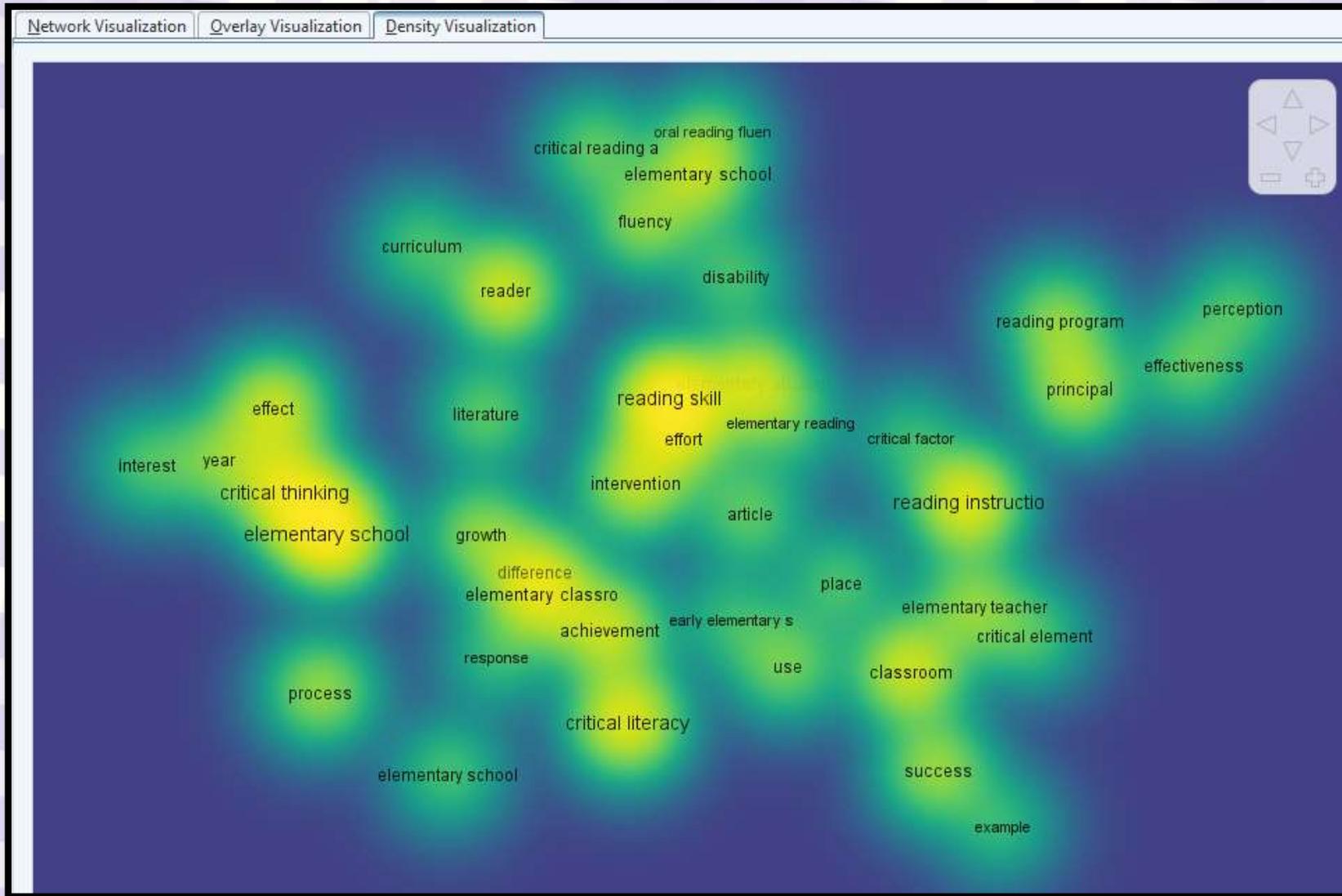
< Back Next > **Finish** Cancel

8. Klik Finish dan akan segera ditampilkan peta idenya, seperti tampak pada gambar berikut.

Tampilan pertama



Tampilan ketiga





eee



Thank You!



nurulistiqfaroh

