Smart Literature Search

A short intro to Litmaps, Connected Papers and Inciteful

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Roadmap

Motivation

Examples

Reference

When are these tools useful?

While doing research, you may want to know...

- What are the papers that derived from one seminal paper?
- What are the earlier papers on which a newer paper builds?
- What are the papers commonly cited by 2+ papers?
- Are various fields connected to / separate from each other?
- Do I miss any important paper I should cite?

Some Useful Tools

There are open-source tools out there you can use to do these things easily and also **visualize** them!

1. Litmaps
   - n papers
   - Interactive map visualization
   - Real-time suggestions

2. Connected papers
   - 1 paper at a time
   - By similarity (co-citation and bib coupling), not citation links

3. Inciteful
   - 1 or n papers at a time
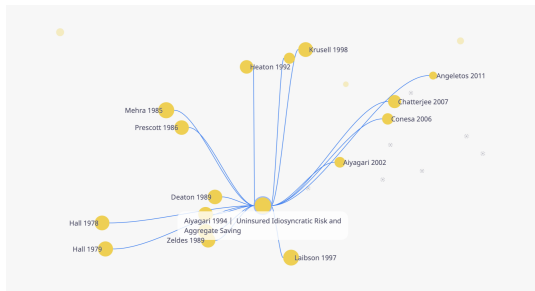   - Real-time suggestions
   - No visualization

Roadmap

Some illustrative examples

Example 1

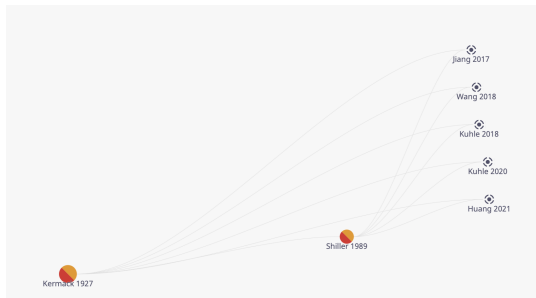*What are the connected papers to [Aiyagari, 1994]?*

- Both prior and derivative papers
- Node sizes: citation
- Edges between nodes: citation connections
- Select/deselect papers to build the graph
- Clicking one node shows its connected nodes within the graph
- Link

Example 2

How are [Shiller and Pound, 1989] and [Kermack et al., 1927] connected?

- Enter the 2 papers
- Choose papers in the suggested list to expand the graph
- Real-time algorithms update the suggestions based on your choices
- Link

Example 3

How are the tech diffusion, investors contagion, and macroeconomic expectations literature connected?
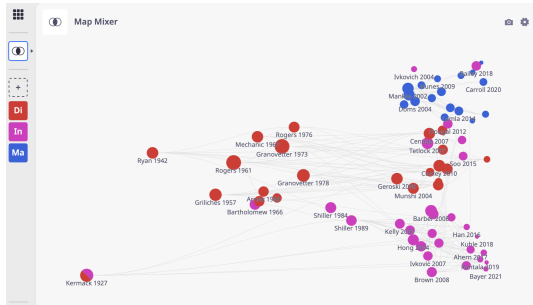
- Build separate maps for each topic
- Use "mixer" function to see if they are connected between each other
- Link

Example 4

Do I miss any papers in my bibliography? [Carroll and Wang, 2021]

Create New Map

📦 **Create Map from Library**   ‹ Back

Litmaps can import `.bib` / `.bibtex` files, which your reference manager may be able to export to.

📄 **Upload Bibtex**

We found 207 articles in your library. There were 1 article that were not in our database. You can deselect any articles you wish to exclude from your new map by clicking the items below.

😊 **Deselect All**

⊘ **Adler, 1983** | The Social dynamics of financial markets

⊘ **Kasprzak, 2011** | Diffusion in Networks
In this paper a concept of method and its application examining a dynamic of diffusion processes in networks is considered. Presented method was used as a core framework for system CARE (Creative Application to Remedy Epidemics). Keywords—complex networks, diffusion, probabilistic finitestate machine.

⊘ **Bauckhage, 2011** | Insights into Internet Memes
Internet memes are phenomena that rapidly gain popularity or notoriety on the Internet. Often, modifications or spoofs add to the profile of the original idea thus turning it into a phenomenon that

Create map with 207 articles

- Import your prepared bib file
- Exam if there are suggested papers that you should have cited
- Link

Other functions

- Import and export bib files: integrated with LaTeX
- Public sharing: add a link to your website or paper
- Auto updates: keep up-to-date with emerging literature

Roadmap

Motivation

Examples

Reference

Aiyagari, S. R. (1994).
Uninsured idiosyncratic risk and aggregate saving.
The Quarterly Journal of Economics, *109(3):659–684*.

Carroll, C. D. and Wang, T. (2021).
Epidemiological expectations in economics.
In Handbook of Economic Expectations.

Kermack, W. O., McKendrick, A. G., and Walker, G. T. (1927).
A contribution to the mathematical theory of epidemics.
Proceedings of the Royal Society of London. Series A, Containing Papers of a Mathematical and Physical Character, *115(772):700–721*.

Shiller, R. J. and Pound, J. (1989).
Survey evidence on diffusion of interest and information among investors.
Journal of Economic Behavior & Organization, *12(1):47–66*.