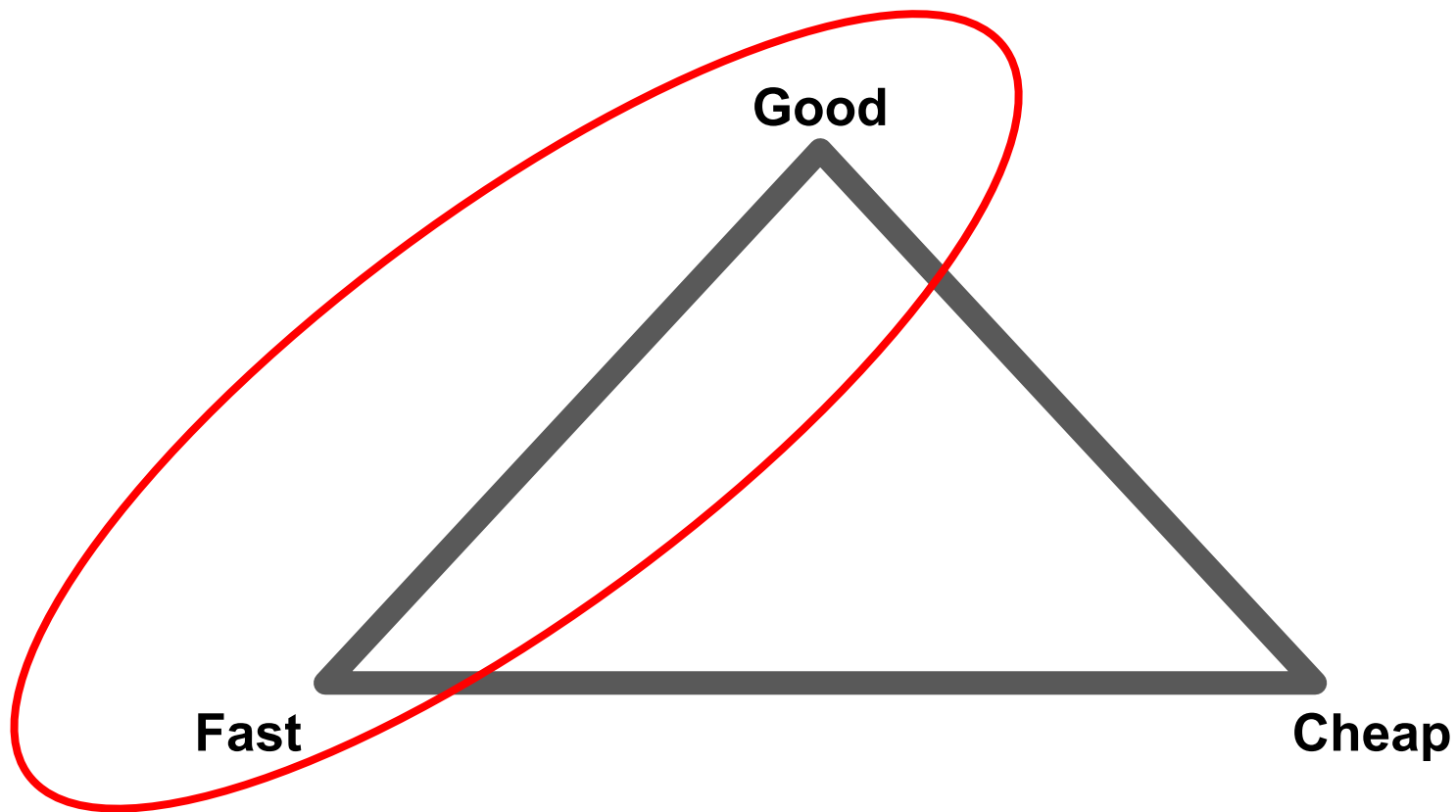


# Bibleometrics, Finding and Academic Misconduct

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# The Beginning: Three Key Articles

Manski, C. F. (1993). Identification of Endogenous Social Effects: The Reflection Problem. *The Review of Economic Studies*, 60(3), 531. <https://doi.org/10.2307/2298123>

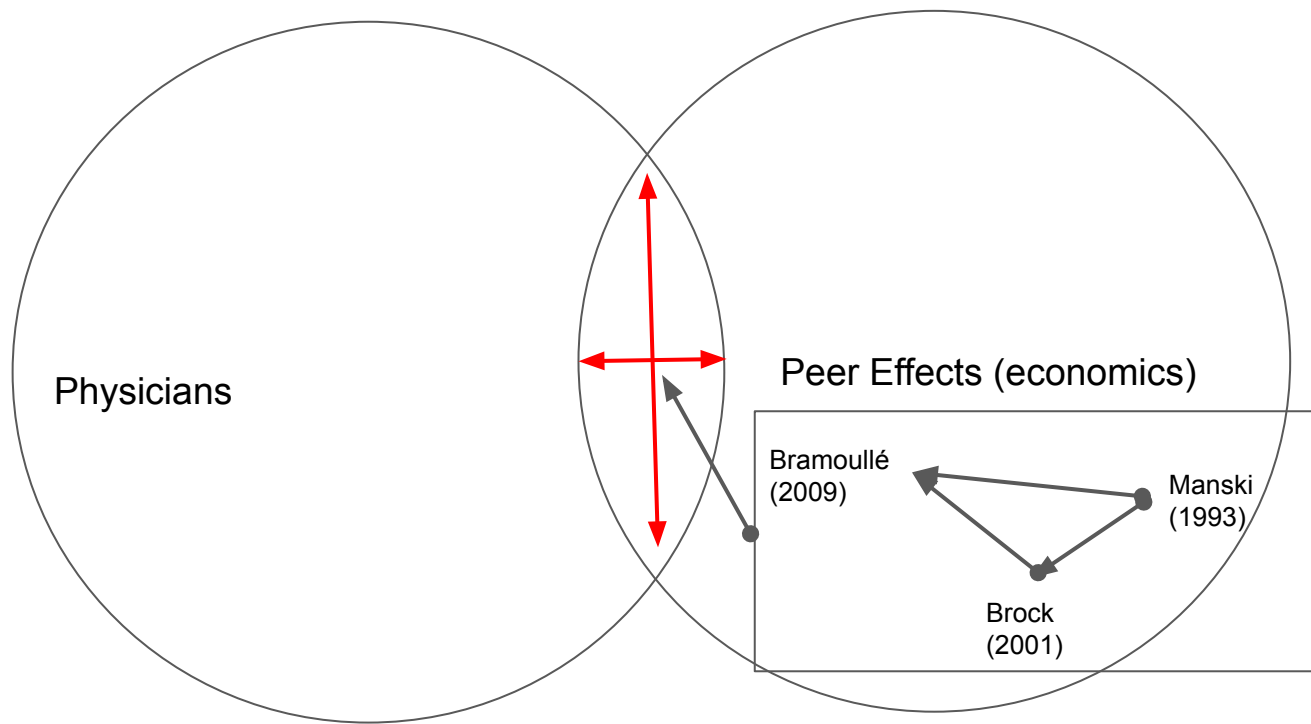
Brock, W. A., & Durlauf, S. N. (2001). Interactions-Based Models. In *Handbook of Econometrics* (Vol. 5, pp. 3297–3380). Elsevier. [https://doi.org/10.1016/S1573-4412\(01\)05007-3](https://doi.org/10.1016/S1573-4412(01)05007-3)

Bramoullé, Y., Djebbari, H., & Fortin, B. (2009). Identification of peer effects through social networks. *Journal of Econometrics*, 150(1), 41–55. <https://doi.org/10.1016/J.JECONOM.2008.12.021>

# What don't we know?

The broad landscape of how Manski (1993), Brock (2001) and Bramoullé (2009) are used by scholars studying **Physicians**

We know a part, but **we don't know how to identify the scope of what we don't know.**

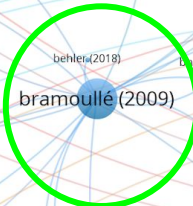


# Methods 2

Export all citations to Manski (1993), Brock (2001) and Bramoullé (2009) searched against for the word '**Physician**' in all text fields in Dimensions and map how authors

1. Cite Manski, Brock and Bramoullé
2. Cite each other







# Did not know about the cluster around

**Nair**, H. S., Manchanda, P., & Bhatia, T. (2010). Asymmetric Social Interactions in Physician Prescription Behavior: The Role of Opinion Leaders. *Journal of Marketing Research*, 47(5), 883–895. <https://doi.org/10.1509/jmkr.47.5.883>

# New Research

## Techniques published in

Williams, B. (2020). Dimensions & VOSViewer Bibliometrics in the Reference Interview. *The Code4Lib Journal*, 47.

<https://journal.code4lib.org/articles/14964>

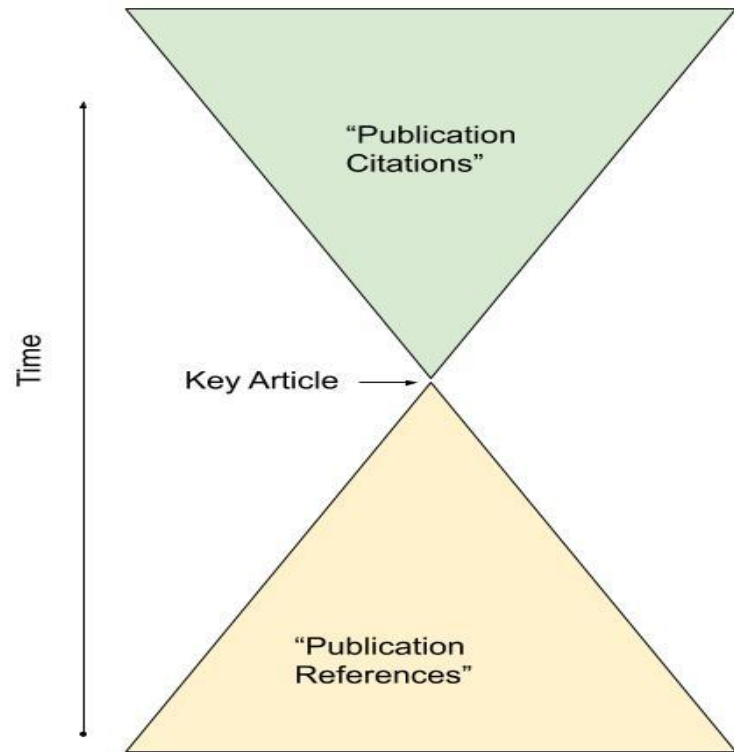
The VOSviewer software provides easy access to bibliometric mapping using data from Dimensions, Scopus and Web of Science. The properly formatted and structured citation data, and the ease in which it can be exported open up new avenues for use during citation searches and reference interviews. This paper details specific techniques for using advanced searches in Dimensions, exporting the citation data, and drawing insights from the maps produced in VOS Viewer. These search techniques and data export practices are fast and accurate enough to build into reference interviews for graduate students, faculty, and post-PhD researchers. The search results derived from them are accurate and allow a more comprehensive view of citation networks embedded in ordinary complex boolean searches.

# Why Academic Misconduct?

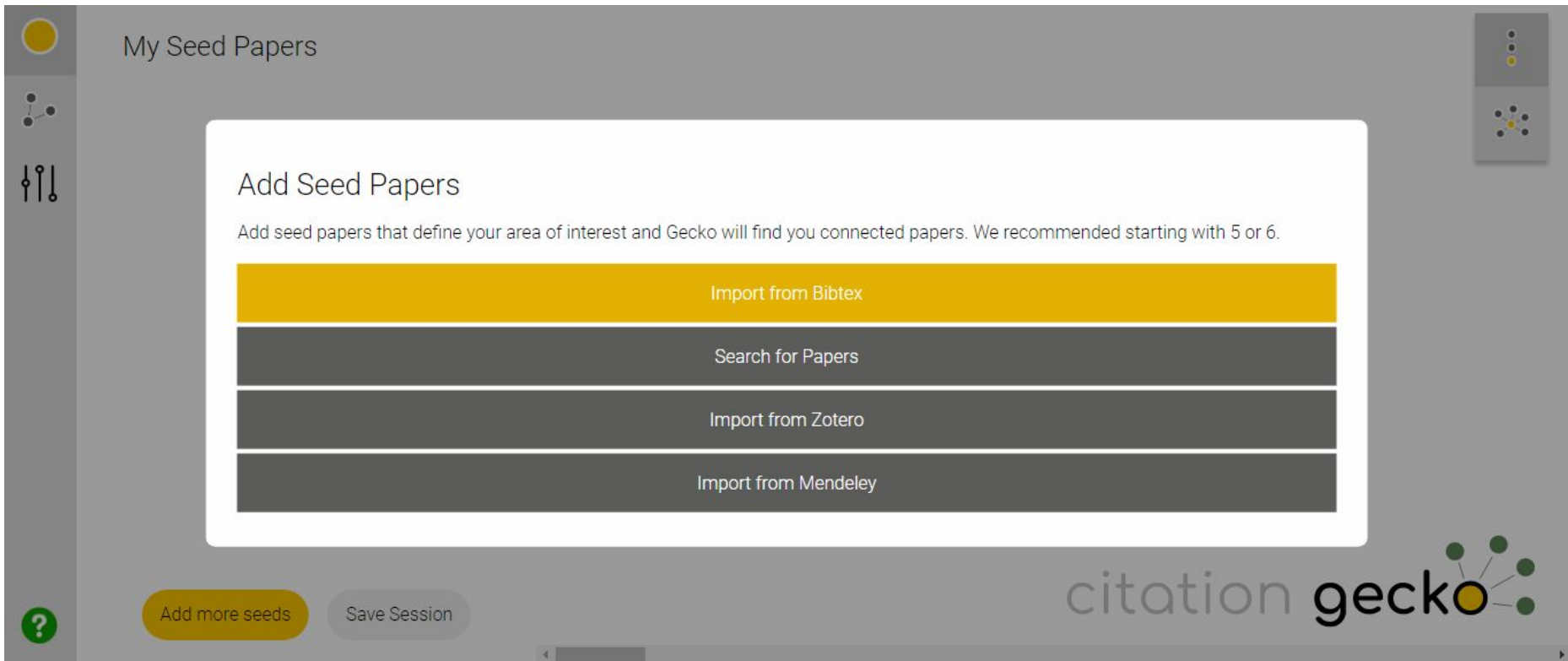
1. **An opportunity to apply the techniques I developed in an area where the ‘unknown unknowns’ were very large.**
2. **No confidential research requests involved**
3. **“Key articles” to start with are clear**

# Deepak Das

1. Prominent researcher
2. Academic leader
3. Covered extensively by the media
4. 20 retracted papers
5. [Retraction Watch - Deepak Das](#)
6. [Dimensions Search - All retracted papers](#)
7. [BibTex File for Citation Gecko](#)



# You're welcome to play along!



The screenshot shows the 'My Seed Papers' interface of Citation Gecko. A central white box titled 'Add Seed Papers' contains instructions and four buttons: 'Import from Bibtex' (highlighted in yellow), 'Search for Papers', 'Import from Zotero', and 'Import from Mendeley'. The left sidebar has icons for a profile, network, and filters. The bottom bar includes a help icon, 'Add more seeds', 'Save Session', and the 'citation gecko' logo.

My Seed Papers

### Add Seed Papers

Add seed papers that define your area of interest and Gecko will find you connected papers. We recommended starting with 5 or 6.

- Import from Bibtex
- Search for Papers
- Import from Zotero
- Import from Mendeley

?

Add more seeds

Save Session

citation gecko

Is this a big deal?

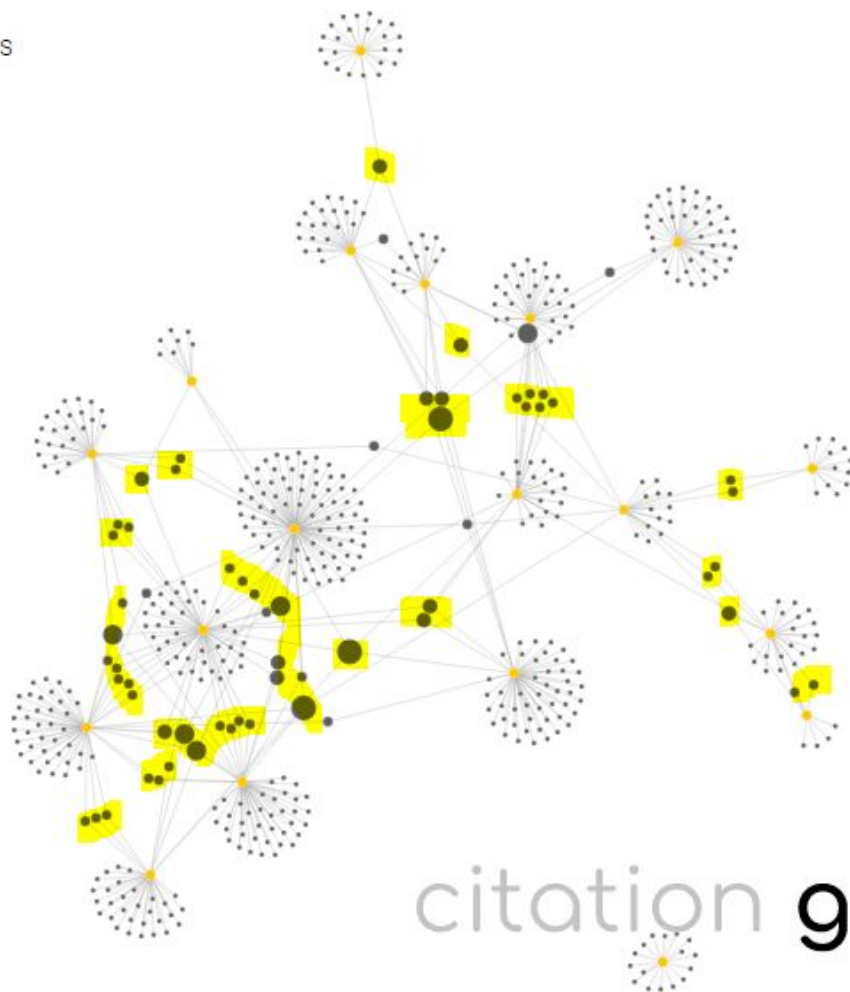
- Seed Papers
- Papers Cited-By Seed Papers
- Papers Citing Seed Papers



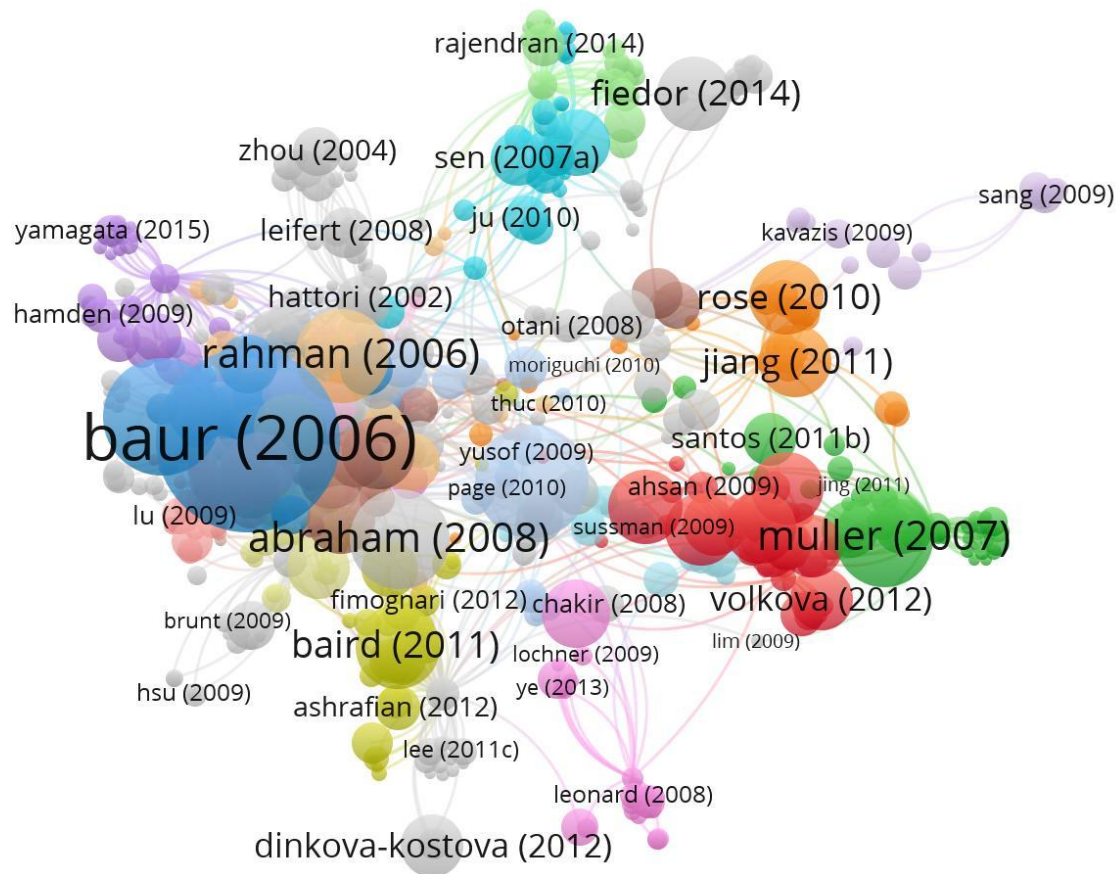
citation gecko



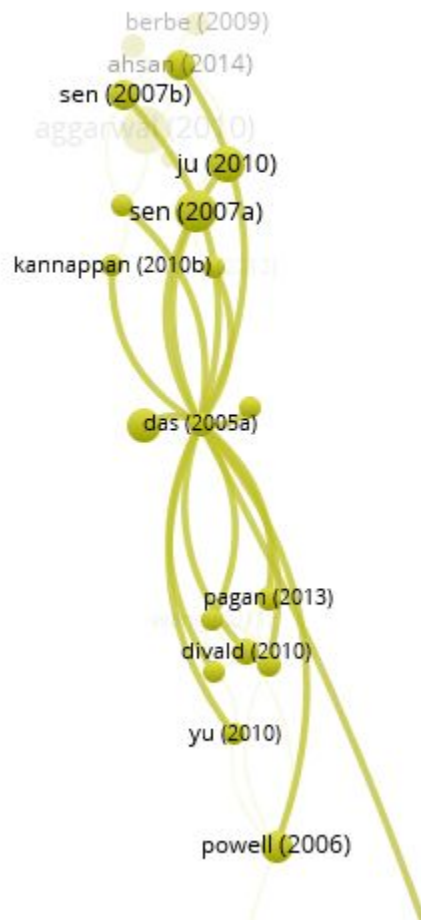
- Seed Papers
- Papers Cited-By Seed Papers
- Papers Citing Seed Papers



citation gecko



VOSviewer



# Is this a big deal *now*?

Das misconduct announcement was in early 2012.



## Settings



Filter Papers by:



Marked irrelevant ▾

hide ▾



Year ▾

after ▾

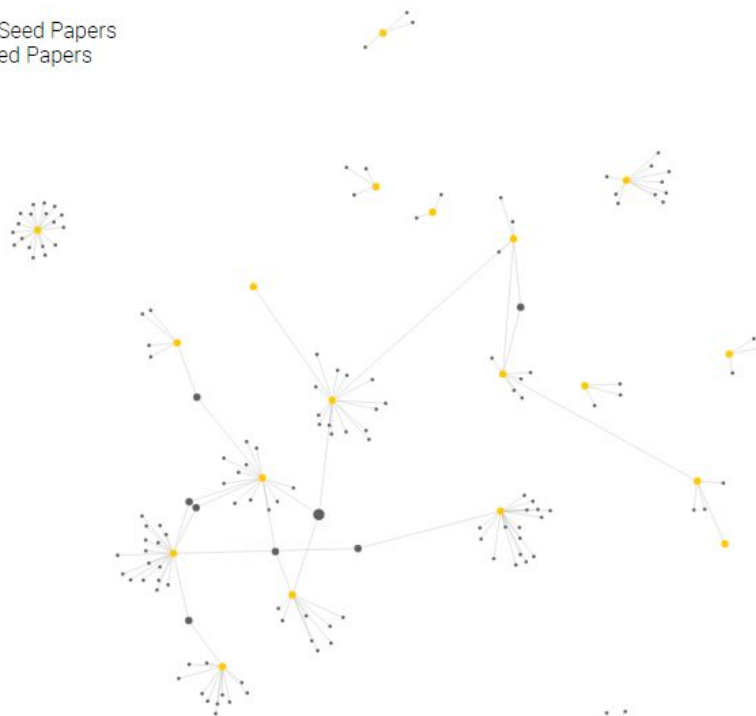
2013



Add Filter

Apply all Filters

- Seed Papers
- Papers Cited-By Seed Papers
- Papers Citing Seed Papers



citation **gecko** 



## Settings



Filter Papers by:



Marked irrelevant ▾

hide ▾



Year ▾

after ▾

2015



Add Filter

Apply all Filters



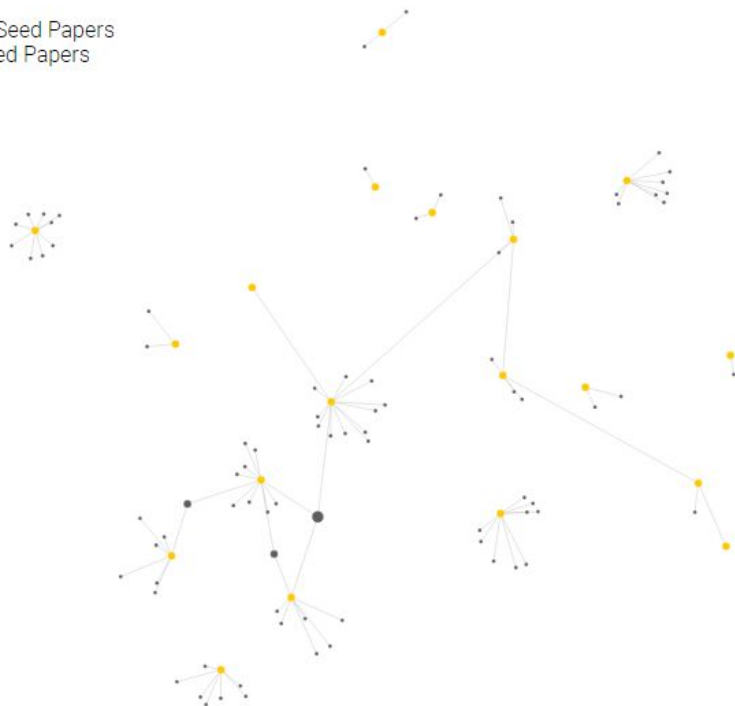
Seed Papers



Papers Cited-By Seed Papers



Papers Citing Seed Papers



citation  gecko 



# Research Questions

1. What are the characteristics of online article access that do not warn users of retracted articles?
2. Who are the researchers using retracted articles? Especially multiple retracted articles?
3. Where (university, country, region) are they located?
4. When does citation count drop off completely for retracted articles?
5. Why are researchers using these retracted articles?
6. How to determine if the citation is in passing or a central part of the argument made in a paper

# Preliminary findings

1. Most databases, including the 'canonical' version on the journal site are extremely inconsistent in indicating that an article has been retracted.
2. Google Scholar, Dimensions and other metasearch engines have less indicators than the Journal pages. Only Zotero was 100% in identifying retracted papers in this dataset, using the Retraction Watch database.
3. Highly cited papers continue to be highly cited after they are retracted, with a very, very gradual trailing downward at about 5 years past discovery.



# Questions?

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