Citation Gecko is a new, open-source web app that gives researchers a birds-eye view of relevant literature. Using openly-available citation data, it constructs and visualises the local citation network in the researcher’s area, helping them discover literature they may have missed and make sense of how papers are connected.

Researchers pick several ‘seed papers’ that define the area they’re interested in.

Seed papers can be imported from reference managers, bibtex files, or by organic search.

Several databases are queried in order to find connected papers.

Connected papers are visualised in a network allowing researchers to see their scientific context.

Recommended Reading

- A widespread bacterial type VI secretion effector superfamily identified using a heuristic approach.
  - Abi Russell (2012)
  - Cell Host Microbe
  - cited by 6 seed papers

- A virulence locus of Pseudomonas aeruginosa encodes a protein secretion apparatus.
  - JD Mougous (2006)
  - Science
  - cited by 6 seed papers

- A type VI secretion system of Pseudomonas aeruginosa targets a toxin to bacteria.
  - RD Hood (2010)
  - Cell Host Microbe
  - cited by 6 seed papers

- Type VI secretion system translocates a phase I leaf-surface protein into target cells when it crosses the actin.
  - S. Palmquist (2007)
  - Proc Natl Acad Sci USA
  - cited by 5 seed papers

- Papers citing lots of seed papers are likely to be new relevant papers.

- Papers cited by lots of seed papers are likely to be important foundational papers in the field that are worth being aware of.

- Highly co-cited papers may be related but not directly connected if they were published around the same time.

Relevant papers can be added as new seed papers or exported back to your reference manager for reading.