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Institutionalizing chemistry through journals (1789-2018). Longevity, publication frequency, places of publication and dynamics of sub-disciplines

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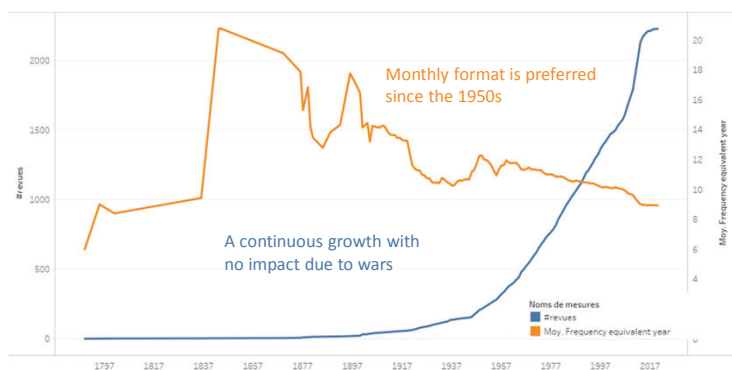
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Institutionalizing chemistry through journals (1789-2018)

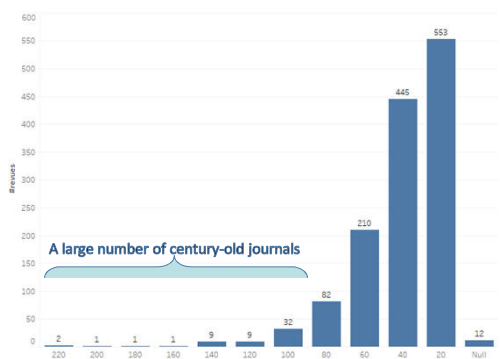
Longevity, publication frequency, places of publication and dynamics of sub-disciplines

 **2 564** journals retrieved from Ulrichsweb

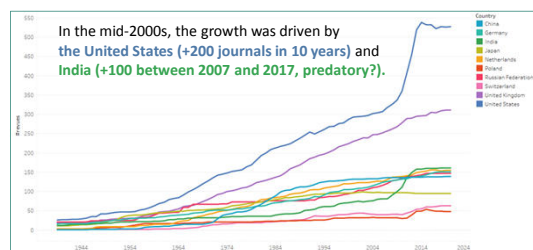
Growth and periodicity



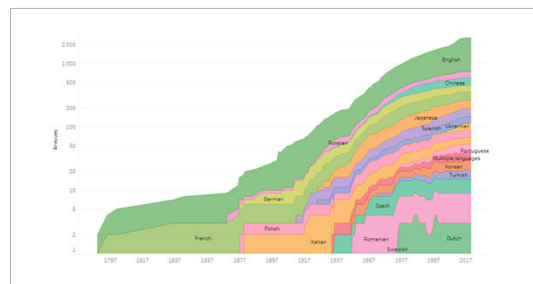
2 277 active journals since 2001



Geography



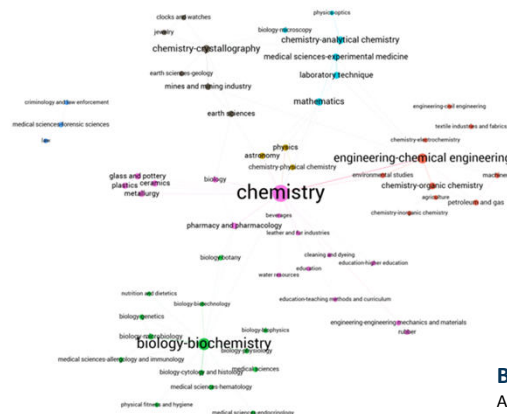
Growth is regular and progressive in "historic" countries of chemical and publishing industry.



Dynamics of specialities or sub-disciplines

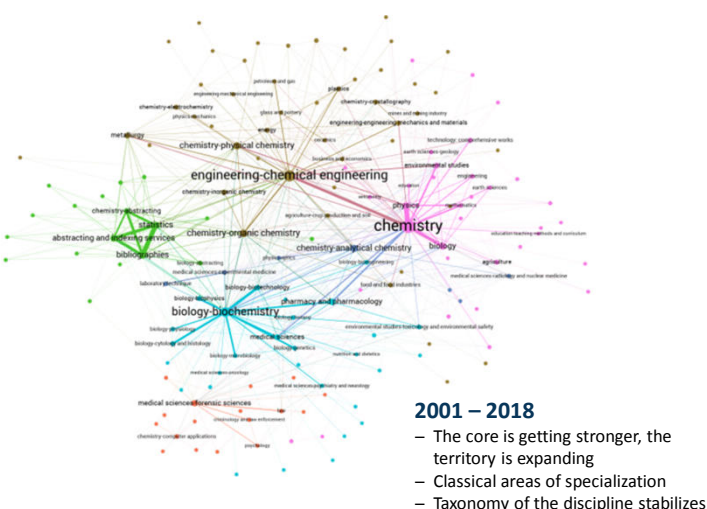
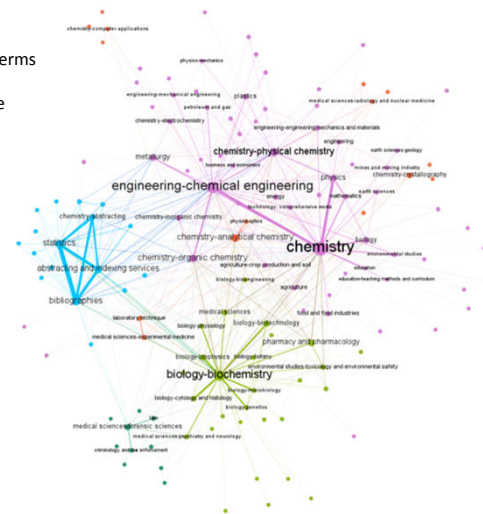


Co-occurrence networks traced from the classification in subject headings retrieved from Ulrichsweb.



1946 – 2000

- "Fundamentalization" of terms
- Denser network
- Important abstracting pole



The **continuous** growth of the chemistry journals production was not impacted by wars and has been driven in the mid-2000s by the United States and India.

Periodicals are **diverse**: the oligopolistic market (driven by the American Chemical Society) does not fit to the whole picture. A relatively linear history with episodes and a **fairly stable "disciplinary publication regime"**