

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

Marianne Noel, Frédérique Bordignon

## ▶ To cite this version:

Marianne Noel, Frédérique Bordignon. Institutionalizing chemistry through journals (1789-2018). Longevity, publication frequency, places of publication and dynamics of sub-disciplines. 9th ESPRit Conference 2021. Periodical Formats in the Market: Economies of Space & Time, Competition & Transfer, Jun 2021, Ruhr-University Bochum, Germany, France. halshs-03260793

## HAL Id: halshs-03260793 https://shs.hal.science/halshs-03260793v1

Submitted on 15 Jun2021

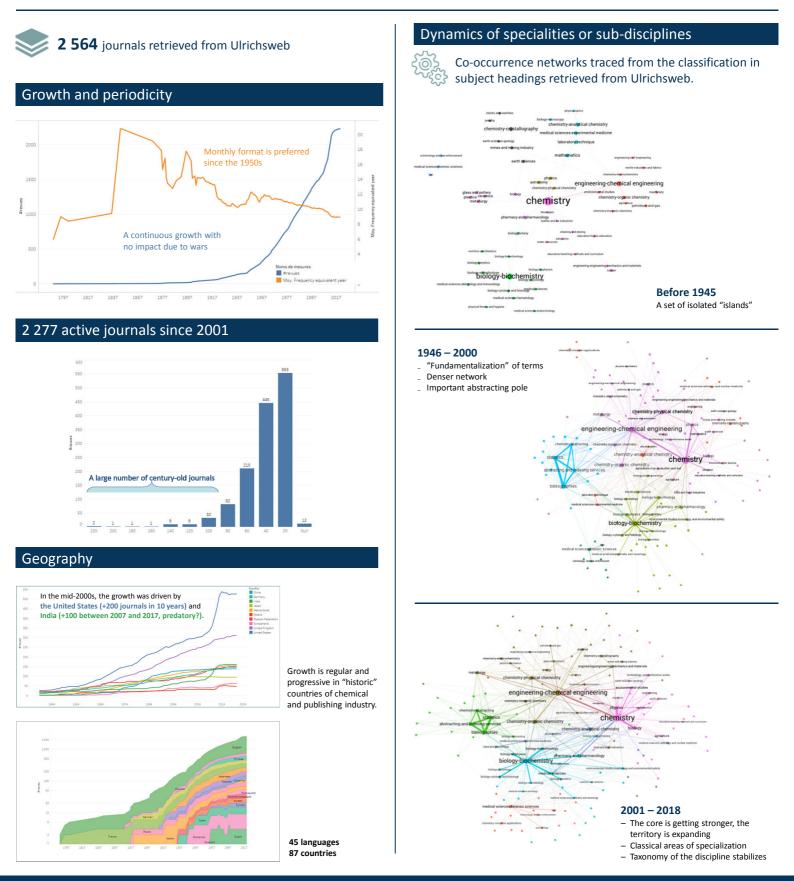
**HAL** is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers. L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés. LISIS LISIS LISIS LISIS LISIS LISIS LISIS

Marianne Noël LISIS, CNRS, INRAE, Univ Gustave Eiffel, Marne-La-Vallée, France

## Institutionalizing chemistry through journals (1789-2018)

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

Frédérique Bordignon Ecole des Ponts ParisTech, Marne-La-Vallée, France



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"**