



UseR! 2019

Cécile Sauder, Jean Delmotte

july 10, 2019



KEEP CALM AND LAUNCH bibliographe

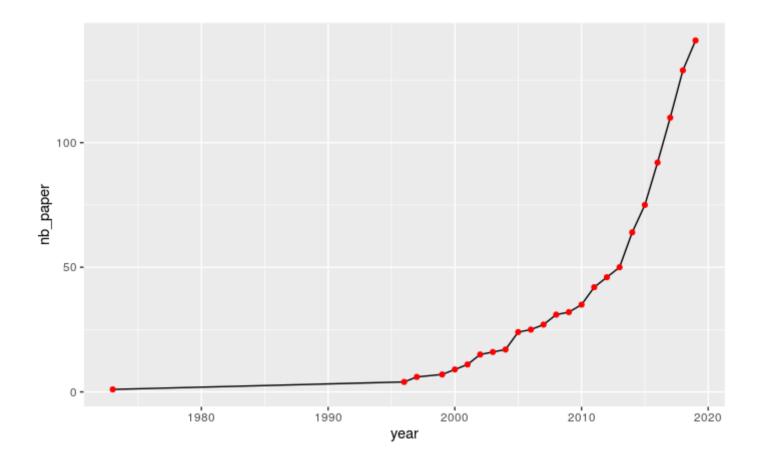
■ Time evolution of number of article with these keywords

Enter you keywords as in the NCBI webpage:

oyster herpesvirus

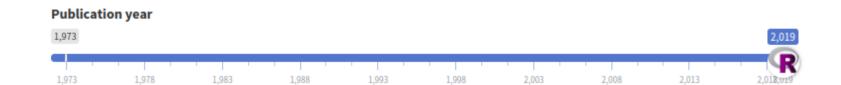
- Overview
- Citations Analysis
- Abstracts Analysis
- **&** Authors Analysis

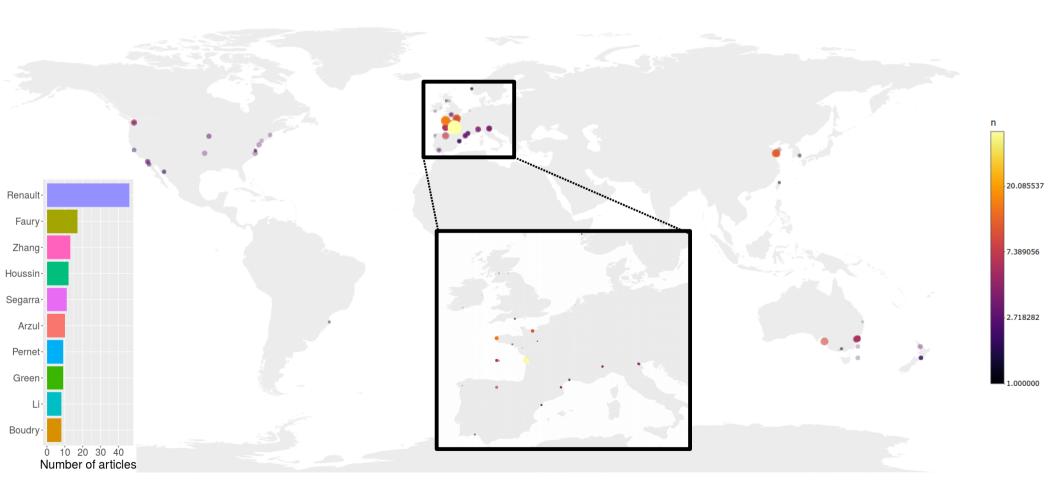






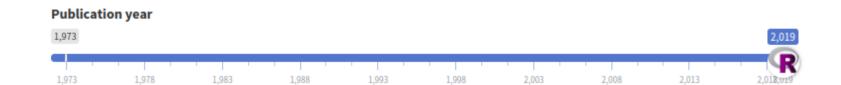
Top 10 authors

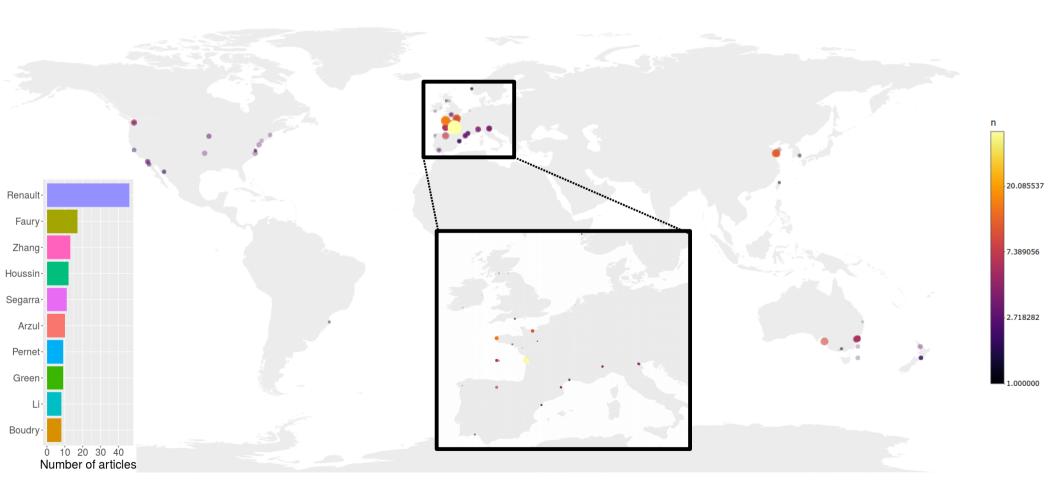






Top 10 authors



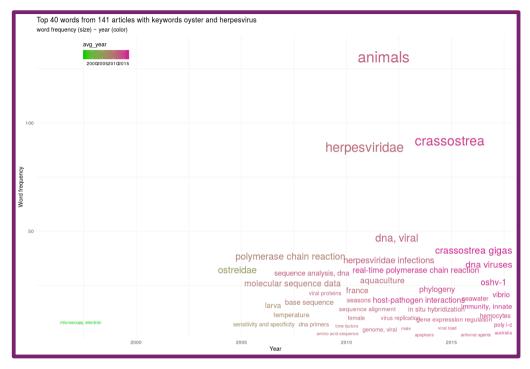


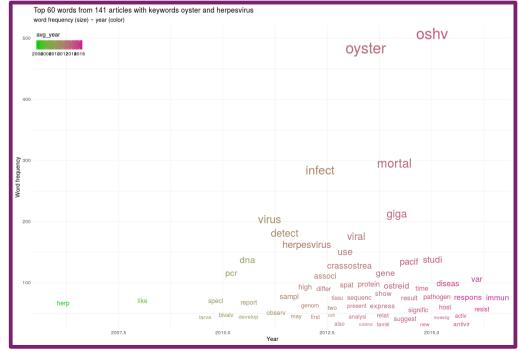
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Chatterplot for keywords and abstracts



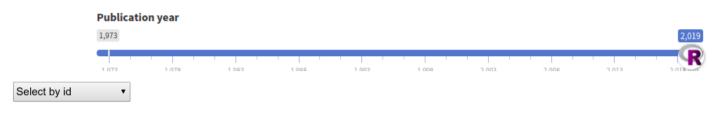


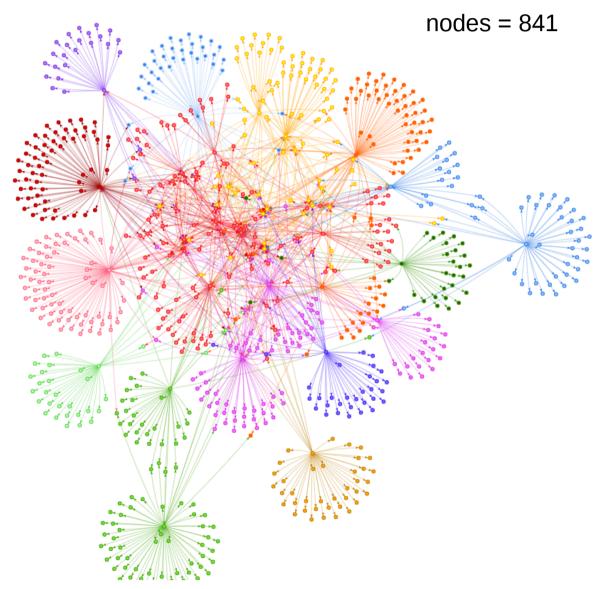
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Enter you keywords as in the NCBI webpage:

oyster herpesvirus

Overview

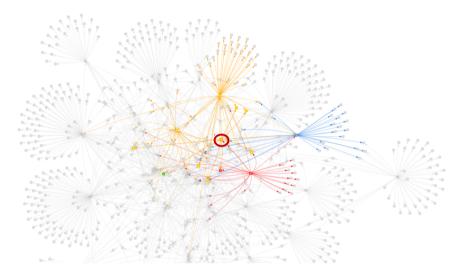
Citations Analysis

■ Abstracts Analysis

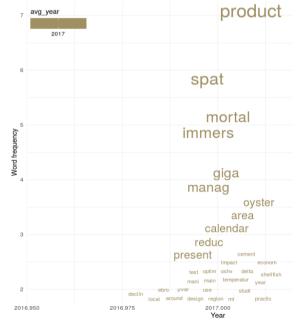
athors Analysis



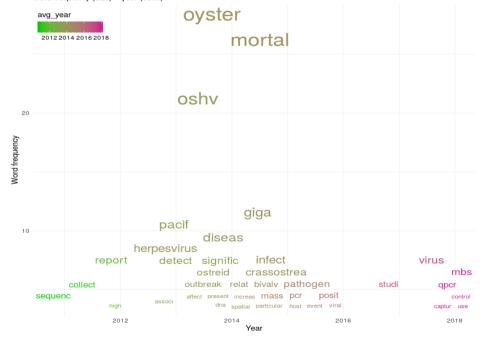
28316573



Top 30 words from $\,$ articles with keywords oyster and herpesvirus word frequency (size) \sim year (color)



Top 30 words from articles with keywords oyster and herpesvirus word frequency (size) ~ year (color)



Enter you keywords as in the NCBI webpage:

oyster herpesvirus

Overview

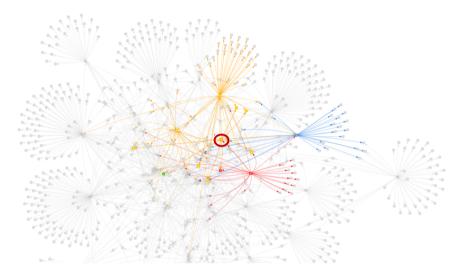
Citations Analysis

■ Abstracts Analysis

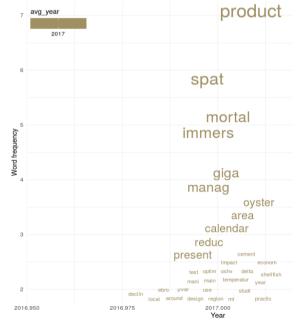
athors Analysis



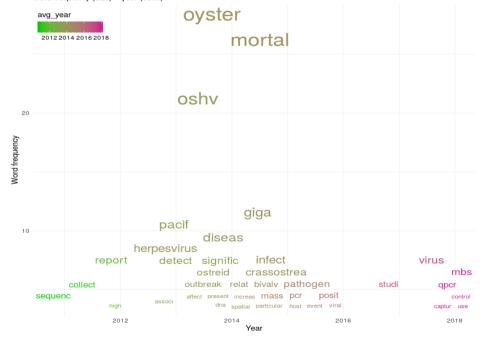
28316573



Top 30 words from $\,$ articles with keywords oyster and herpesvirus word frequency (size) \sim year (color)



Top 30 words from articles with keywords oyster and herpesvirus word frequency (size) ~ year (color)



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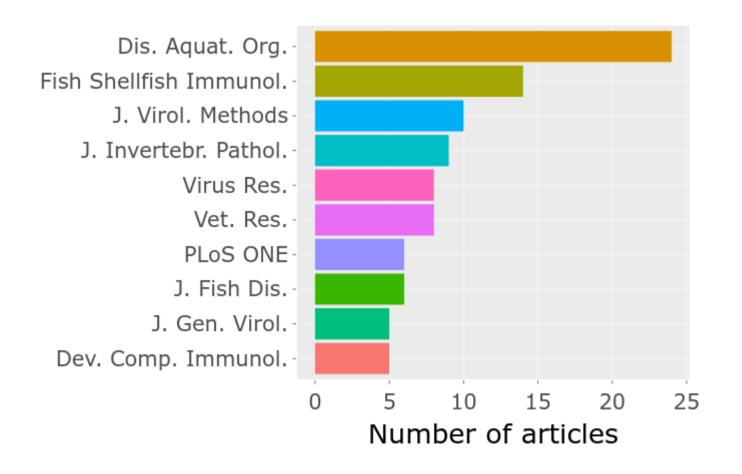
Top 10 journals

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And the winners are...

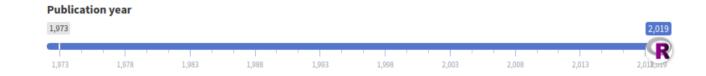


Enter you keywords as in the NCBI webpage:

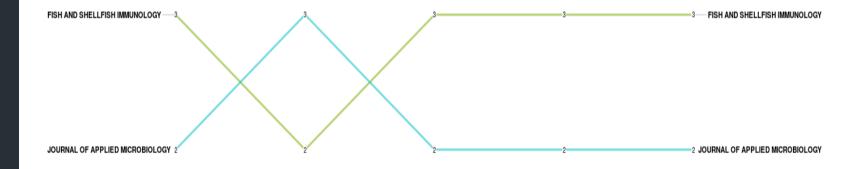
oyster herpesvirus

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Enter you keywords as in the NCBI webpage:

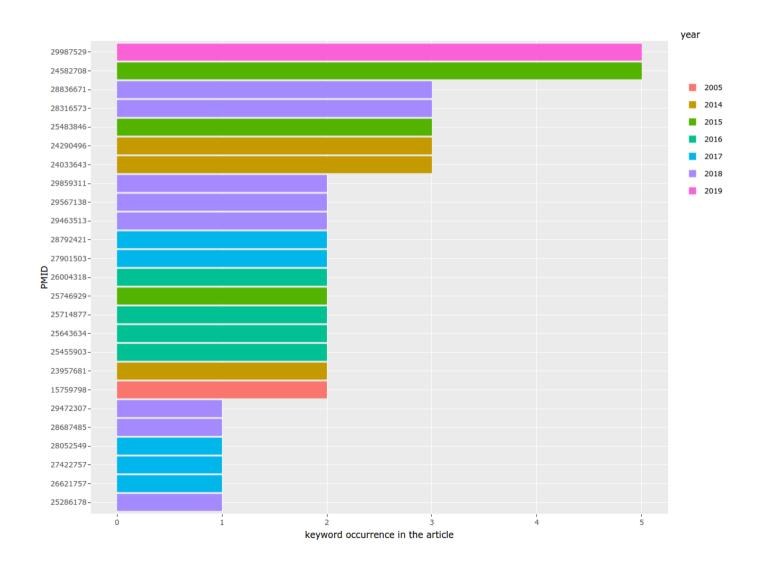
oyster herpesvirus

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Article search by homology

Enter your keywords:

Herpesvirus mortal oyster disease



Enter you keywords as in the NCBI webpage:

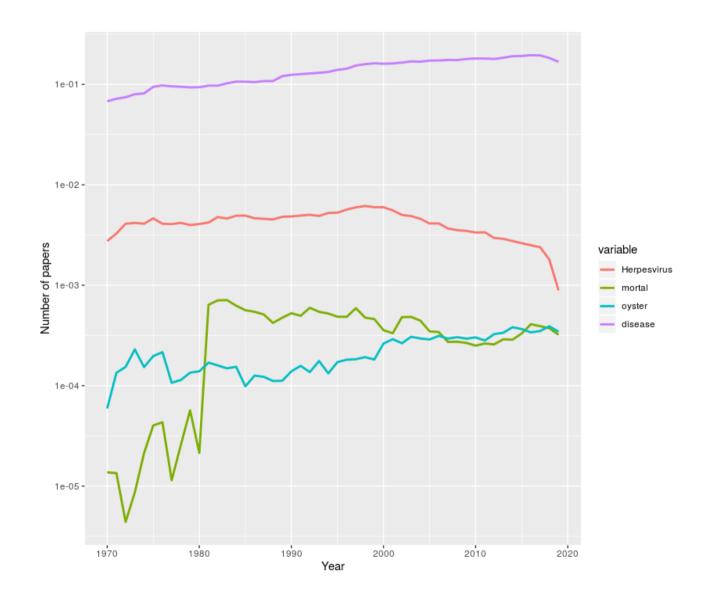
oyster herpesvirus

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Trends of keywords in Science

Enter your keywords:

Herpesvirus mortal oyster disease





- more_data <- data %>% better_clean_up() %>% better_join()
- Improve network analysis
- App in progress...

=> Make a tool to assess the impact of scientific articles



Using NCBI directly



Shiny,

https://cecilesauder.shiny apps.io/bibliographer



Using BibliographeR





https://github.com/cecile sauder/bibliographeR



Jean Delmotte



Cécile Sauder





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