

INTRODUCTION

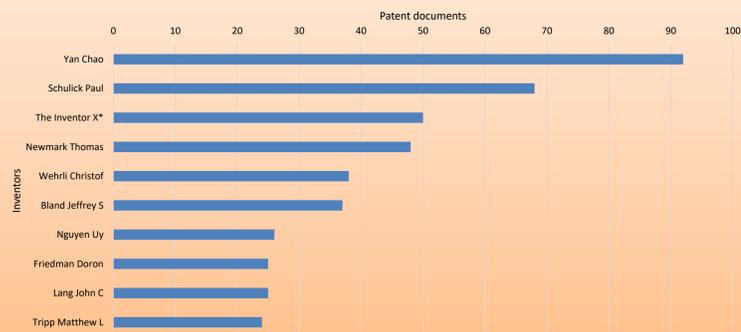


Most modern drugs are developed from isolated compounds of medicinal plants, based on their ethnopharmacological uses/applications.

Among these medicinal plants, *Rosmarinus officinalis* L. (Rosemary) is used in medicine, based on their antibacterial and analgesic activities.

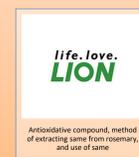
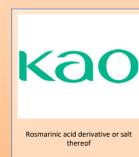


RESULTS: Inventors (Top 10)



*The inventor has waived the right to be mentioned

RESULTS: Leaders as applicants and owners



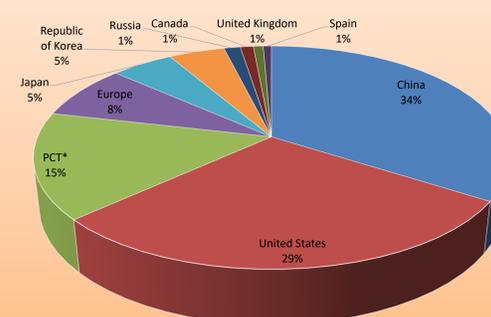
AIM

- This work, in the form of a patent analysis, which is a family of techniques for studying the information present within and attached to patents, describes the state of the art by introducing what has been patented in relation to Rosemary regarding to extracting methods/process, formulations and applications.

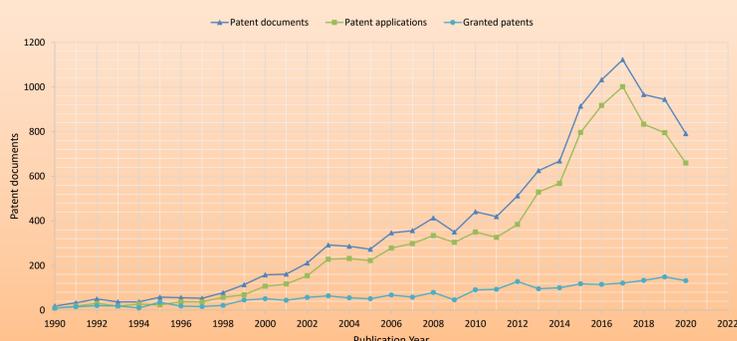
RESOURCES AND RESEARCH METHODS

- The supported field codes used in this study was based on the Patentscope search service of the World Intellectual Property Organization (WIPO).
- 5 keywords and related terms were used and patents were searched according to title, abstract and claims. The search was then filtered to include only documents with the application date until December 31st, 2020.

RESULTS: Jurisdiction (Top 10)



RESULTS: Publication years (Until 2020)



CONCLUSIONS

- 12062 patent documents have been found.
- China was ranked first with 3968 patent documents.
- 2017 was the year with the maximum number of patent documents (1122). The innovation and improvement of Rosemary-based products concerned:
 - Raw materials;
 - Formulations;
 - Methods;
 - Process.
- All filled patents concerned:
 - Devices or methods specially adapted for bringing pharmaceutical products into particular physical or administering forms chemical aspects;
 - Cosmetics or similar toilet preparations characterized by the composition;
 - Medicinal preparations characterized by special physical form.

RESULTS: International Patent Classification

