

عنوان مقاله:

Evaluation of the antimicrobial activity of Pistacia khinjuk essential oil in Iran

محل انتشار:

مجله نوآوری علوم پزشکی و داروسازی آسیای مرکزی، دوره 1، شماره 6 (سال: 1400)

تعداد صفحات اصل مقاله: 6

نویسندگان:

Zahra Kahrarian - *Department of Biology, Faculty of Science, University of Razi, Kermanshah, Iran*

Sivash Vaziri - *Department of Infectious Disease, School of Medical Sciences, University of Medical Sciences of Kermanshah, Kermanshah, Iran*

Mehdi Mojarab - *Department of Pharmacognosy, School of Pharmacy, University of Medical Sciences of Kermanshah, Kermanshah, Iran*

خلاصه مقاله:

Today, with increasing prevalence antibiotic resistance monitoring the health and quality of food has become complicated and difficult. Therefore, essential oils of medicinal plants is significant and the investigation on the composition of essential oil of Pistacia khinjuk is important. Due to antimicrobial effects and food preservative of various species of this plant. In this study aim was to Survey the antimicrobial activity of the essential oil of Pistacia khinjuk in Iran. This study data collection by articles in internal databases such as, Irandoc, SID and external databases including Science Direct, Scopus, PubMed, Elsevier, Google Scholar. The comparison of the analysis of the essential oil of this plant related to the geographical diversity in Iran. The major compounds of essential oil from the P. khinjuk are α -pinene, β -pinene, Myrcene, beta-caryophyllene, Germacrene B and Spathulenol. The extracts showed antimicrobial activity against bacteria and fungi. The essential oil of the different leaves extracts of P. khinjuk (chloroform, ethyl acetate, ethyl alcohol, diethyl ether) like other species of Pistacia khinjuk show .antibacterial and antifungal activities

کلمات کلیدی:

Antioxidant, Pistacia khinjuk, Plant medicine, Essential oil, Antimicrobial

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1362570>

