

عنوان مقاله:

.Evaluation of Camazulene diversity of yarrow (*Matricaria chamomilla* L.) in Arasbaran region

محل انتشار:

همایش ملی شیمی پاک (سال: 1393)

تعداد صفحات اصل مقاله: 1

نویسندگان:

Jamal Pourfaraj - *Division of medicinal plant, Miyaneh Branch, Islamic Azad University, Miyaneh, Iran*

Mehrdad Akbarzadeh - *Division of medicinal plant, Miyaneh Branch, Islamic Azad University, Miyaneh, Iran*

Shahram Shahrokhi - *Division of Plant Protection - Entomology, Miyaneh Branch, Islamic Azad University, Miyaneh, Iran*

خلاصه مقاله:

Chamomile (*Matricaria chamomilla* L.) is a annual plant of the family Asteraceae, with a great importance in the cosmetics industry, pharmacy and health. Since environmental factors cause changes in quantity and quality of plant, studying qualitative properties of essential oils of indigenous medicinal plant populations can be led to identify suitable habitat of medicinal plants. Accordingly, the present study was conducted to Camazulene of German chamomile populations at different heights in three different sites of Kaleibarchai, Hajilarchai and Mrdanqum areas, Arasbaran region. Essential oil was obtained using Clevenger and GC/MS was used to determine percentage and composition of the essential oil compounds. Major compounds of chamomile essential oil were Camazulene. Results of phytochemical studies also showed that the maximum amount of active ingredients of essential oil (Camazulene 16/7%) was observed in Mardanqum basinis

کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/368744>

