

## عنوان مقاله:

Total phenolic and Flavonoid contents, and antioxidant activity of *Salvia aristata* Aucher ex Benth. Extracts

## محل انتشار:

سومین کنفرانس ملی و اولین کنفرانس بین المللی پژوهش های کاربردی در علوم شیمی و مهندسی شیمی و سومین کنفرانس ملی و اولین کنفرانس بین المللی پژوهش های کاربردی در زیست شناسی (سال: 1395)

تعداد صفحات اصل مقاله: 5

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## خلاصه مقاله:

Total phenolic and flavonoid contents in various extracts of *Salvia aristata* (Labiatae) were evaluated by colorimetric methods and the best results were found for 50% hydro methanol extract with total phenolic ( $51.25 \pm 0.035$  mg/L) and flavonoid contents ( $10.95 \pm 0.004$  mg/L). The extracts were also subjected to screening for their possible antioxidant activity by using 2, 2-diphenyl-1-picrylhydrazyl (DPPH) assay and the free radical scavenging activity of 50% hydro methanol extract was better than the other extracts ( $IC_{50} = 3.4$  mg/mL). Significant correlation was found between .radical scavenging activity and total phenolic and flavonoid contents of the extracts

## کلمات کلیدی:

*Salvia aristata*, total phenolic content, flavonoids, Antioxidant

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/517114>

