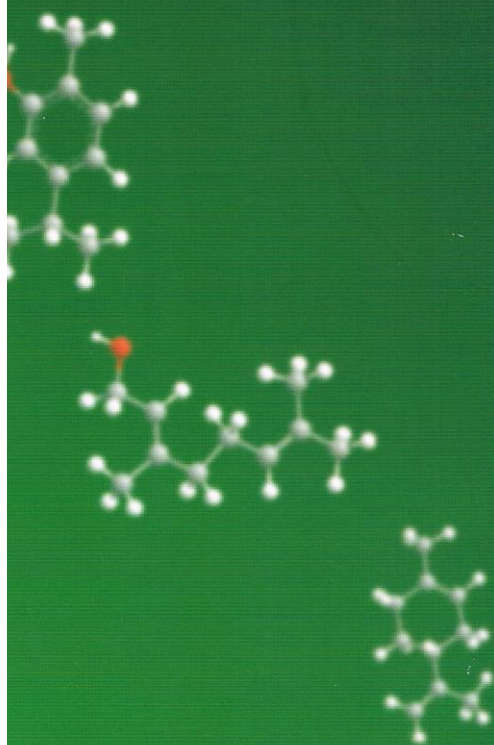


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# NATURAL VOLATILES & ESSENTIAL OILS

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## ABSTRACTS

# NV E O

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**PP-028. Essential oils composition from leaves and flowers of *Lonas annua* L. from Algeria**

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Essential oils were obtained by separate hydrodistillation from leaves and flowers of *Lonas annua* L. (Compositae) . were analyzed by means of gas chromatography – mass spectrometry (GC-MS) , the main constituents of the essential oil from the leaves were (*E,E*)-farnesol (23.63%), caryophyllene oxide (18.42%), limonene (12.01%), and 1,10-di-*epi*-cubenol (3.15%), and those from the flowers caryophyllene oxide (27.30%),  $\beta$ -cedrene (15.10%), sabinene (8.84%), cedrol (6.48%), spathulenol (5.73%), and 1,10-di-*epi*-cubenol (4.74%). This analyzed is the first study of composition of the essential oil obtained from the leaves and flowers of *Lonas annua* L. growing in Algeria .