

## **Biological Activity Of Cymbopogon Citratus Dc Stapf And**

Bing: Biological Activity Of Cymbopogon Citratus(PDF) Biological Activities and Medicinal Uses of the ...Green synthesis, characterization and biological ...Aromatic Plants of Mali (IV): Chemical Composition of ...Ethnopharmacology, phytochemistry, and biological ...Exploring the antimalarial potential of whole Cymbopogon ...Green synthesis, characterization and biological ...Anthelmintic activity of Cymbopogon citratus against ...(PDF) Ethnopharmacology, phytochemistry, and biological ...Activity of Ocimum basilicum, Ocimum canum, and Cymbopogon ...Anti-proliferative effect of the essential oil of ...Exploring the antimalarial potential of whole Cymbopogon ...Molecules | Special Issue : Biological Activities of ...Cymbopogon citratus - an overview | ScienceDirect TopicsCiteSeerX — Chemical Compositions, Phytochemical ...Chemical characterization and in vitro biological activity ...Biological Activity Of Cymbopogon CitratusEthnopharmacology, phytochemistry, and biological ...Ethnopharmacology, phytochemistry, and biological ...Bioactivity of essential oils of Cymbopogon citratus (DC ...

### **Bing: Biological Activity Of Cymbopogon Citratus**

Background: Cymbopogon citratus essential oil (EO) is used for its antifungal, antibacterial and allopathic activities. Its efficiency has been proven to be due to its compounds such as citral,  $\beta$ ...

### **(PDF) Biological Activities and Medicinal Uses of the ...**

Cymbopogon citratus (lemongrass) EO is a potent antimicrobial and antioxidant natural bioproduct widely used in food preservation as an alternative to synthetic compounds (Boukhatem et al., 2014; Ekpenyong and Akpan, 2015).

### **Green synthesis, characterization and biological ...**

As a source of cellulose, it has been successfully used for the adsorption of metal ions and dyes and for manufacturing paper and pulp. Recently, it has shown promise in the production of composites and bio energy, as well as obtaining silica and other metal oxides.

### **Aromatic Plants of Mali (IV): Chemical Composition of ...**

Biological Activities and Medicinal Uses of the Essential Oil of Lemongrass (Cymbopogon flexuosus, C. citratus, C. pendulus, C. species). January 2013 In book: Recent Progress in Medicinal Plants ...

### **Ethnopharmacology, phytochemistry, and biological ...**

ETHNOPHARMACOLOGICAL RELEVANCE: Cymbopogon citratus (lemon grass) has been used in traditional medicine as an herbal infusion to treat fever and malaria. Generally, whole plant extracts possess higher biological activity than purified

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compounds. However, the antimalarial activity of the whole *C. citratus* plant has not been experimentally tested.

### **Exploring the antimalarial potential of whole Cymbopogon ...**

*C. citratus* essential oil and carvacrol have shown an antitumor effect on breast tumor cell lines; the main objective of this research was to evaluate the antitumor effect of the essential oil of *Cymbopogon citratus* (EOCc) and carvacrol on 7,12-dimethylbenz [a] anthracene (DMBA)-induced [...] Read more.

### **Green synthesis, characterization and biological ...**

Ethnopharmacological relevance: *Cymbopogon citratus* (lemon grass) has been used in traditional medicine as an herbal infusion to treat fever and malaria. Generally, whole plant extracts possess higher biological activity than purified compounds.

### **Anthelmintic activity of Cymbopogon citratus against ...**

Anti-proliferative effect of the essential oil of *Cymbopogon citratus* (DC) Stapf (lemongrass) on intracellular amastigotes, bloodstream trypomastigotes and culture epimastigotes of *Trypanosoma cruzi* (Protozoa: Kinetoplastida) - Volume 134 Issue 11 - G. F. SANTORO, M. G. CARDOSO, L. G. L. GUIMARÃES, J. M. FREIRE, M. J. SOARES

### **(PDF) Ethnopharmacology, phytochemistry, and biological ...**

Ten fractions were obtained from *C. citratus*, six of which had high ovicidal activity at 1000 µg mL<sup>-1</sup>, and two fractions had high activity at all tested concentrations. The phytochemical analysis...

### **Activity of Ocimum basilicum, Ocimum canum, and Cymbopogon ...**

The free radical scavenging activity of the synthesized silver nanoparticles of *C. citratus* was studied by its ability to reduce the DPPH, which is a stable free radical. Any molecule that can donate an electron or hydrogen to DPPH can react with it and thereby bleach the DPPH absorption.

### **Anti-proliferative effect of the essential oil of ...**

Besides, the in vitro anti-plasmodial activity evaluated by the radioisotopic method showed that the *C. citratus* oil is the most active against *P. falciparum*, with an IC<sub>50</sub> value of 4.2 ± 0.5 µg/mL compared with *O. canum* (20.6 ± 3.4 µg/mL) and *O. basilicum* (21 ± 4.6 µg/mL). These essential oils can be recommended for the development of natural biocides for fighting the larvae of malaria vectors and for the isolation of natural products with anti-malarial activity. © P. Akono Ntonga et ...

### **Exploring the antimalarial potential of whole Cymbopogon ...**

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is based on surveys of popular accounts of the biological activity against nematodes. *Cymbopogon citratus*, family Poaceae, was reported in an ethnoveterinary study as having anthelmintic activity (RITTER et al., 2012). Infusions or decoctions of dry leaves have been utilised as stomachic, antifever, antiseptic, carminative

### **Molecules | Special Issue : Biological Activities of ...**

Abstract. *Cymbopogon citratus* is a widely distributed perennial herb belonging to the Poaceae family and has been extensively consumed for its medicinal, cosmetic, and nutritional effects for centuries. A large number of reports have been published describing the pharmacological, biological, and therapeutic actions of this herb.

### **Cymbopogon citratus - an overview | ScienceDirect Topics**

The phytochemical analysis of the ethanolic extracts of *cymbopogon citratus* indicates that it has alkaloids, saponins tannins, anthraquinones, steroids, phenols and flavonoids. Test for antibacterial activity using agar diffusion technique shows that antibacterial activity was active on *S. typhi* with Minimum Inhibitory Concentration (MIC) of 50 mg/ml but inactive on *E. coli*, *L. monocytogenes* and *S. aureus*.

### **CiteSeerX — Chemical Compositions, Phytochemical ...**

[ABSTRACT] *Cymbopogon citratus* is a widely distributed perennial herb belonging to the Poaceae family and has been extensively consumed for its medicinal, cosmetic, and nutritional effects fo r...

### **Chemical characterization and in vitro biological activity ...**

However, similarly to Actellic 50 EC, *C. citratus* essential oil presented good antifeedant activity against *D. porcellus* and reduced yam chips weight loss. The results obtained suggest the good potential of *C. citratus* as both antifeedant and fumigant toxic agent against *D. porcellus*. While, *C. nardus* essential oil could be recommended as repellent.

### **Biological Activity Of Cymbopogon Citratus**

Silver nanoparticles (AgNPs) have been synthesized from the alkalinized leaf extract of *Cymbopogon citratus*, also known as lemon grass (LG), and characterized for their size and shape using scanning electron microscopy (SEM) and transmission electron microscopy (TEM). The total formation of the AgNPs was observed visually with a color change from yellow to brownish-black.

### **Ethnopharmacology, phytochemistry, and biological ...**

The composition of the essential oils of *Cymbopogon citratus* and *C. giganteus* from Mali and the Ivory Coast were determined by GC and GC/MS, and they were

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found to contain 19 and 27 constituents, respectively. *C. citratus* oil from Mali contained a high proportion of citral (approx. 75%) (geranial/neral ca 2/1), some myrcene (6.2–9.1%) and geraniol (3.0–5.6%).

### **Ethnopharmacology, phytochemistry, and biological ...**

Ethnopharmacology, phytochemistry, and biological activities of *Cymbopogon citratus* (DC.) Stapf extracts. *Cymbopogon citratus* is a widely distributed perennial herb belonging to the Poaceae family and has been extensively consumed for its medicinal, cosmetic, and nutritional effects for centuries. A large number of reports have been published describing the pharmacological, biological, and therapeutic a

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