

biotechnology of bioactive compounds pdf

Endophytic fungi for producing bioactive compounds originally from their host plants J. Zhao¹, L. Zhou^{1,*}, J. Wang², T. Shan¹, L. Zhong¹, X. Liu¹, and X. Gao³

Endophytic fungi for producing bioactive compounds

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Current Bioactive Compounds | BenthamScience

ABSTRACT. This work aims to review the nutritional properties of the *Moringa oleifera* tree, emphasizing its main constituents and nutritional applications for humans and animals.

Moringa oleifera: bioactive compounds and nutritional

i.j.s.n., vol. 3(2) 2012: 263-266 issn 2229 " 6441 263 identification of bioactive compounds and antimicrobial activity of marine clam *Anadara granosa* (Linn.)

IDENTIFICATION OF BIOACTIVE COMPOUNDS AND ANTIMICROBIAL

In chemistry, an organic compound is generally any chemical compound that contains carbon. Due to carbon's ability to catenate (form chains with other carbon atoms), millions of organic compounds are known.

Organic compound - Wikipedia

Goldenseal (*Hydrastis canadensis*), also called orangeroot or yellow puccoon, is a perennial herb in the buttercup family Ranunculaceae, native to southeastern Canada and the eastern United States.

Goldenseal - Wikipedia

International Journal of Microbiology and Biotechnology (IJMB) is devoted to the advancement of scientific research concerning microbiology, biotechnology and related academic disciplines. It covers scientific and technological aspects of microbiology, including microbial diversity, molecular biology, bioactive compounds, biocatalysis and ...

International Journal of Microbiology and Biotechnology

Solid state fermentation of coffee residues 706 Food Sci. Technol, Campinas, 35(4): 704-711, Out.-Dez. 2015 parameters. Extraction procedure for the fermented material was

Enhanced extraction of phenolic compounds from coffee

Plants of the genus *Zingiber* (Family Zingiberaceae) are widely used throughout the world as food and medicinal plants. They represent very popular herbal remedies in various traditional healing systems; in particular, rhizome of *Zingiber* spp. plants has a long history of ethnobotanical uses because of a plethora of curative properties.

Plants of the Genus Zingiber as a Source of Bioactive

Transgenic crops (GMCs: genetically modified crops), main products of agricultural biotechnology, are increasingly becoming a dominant feature of the agricultural landscapes of the USA and other countries such as China, Argentina, Mexico and Canada.

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Furthermore, compounds synthesized by *Scenedesmus costatum*, and partially purified from its organic extract, exhibited activity against aquaculture bacteria because of their fatty acids longer than 10 carbon atoms in chain length

Antimicrobial activities of microalgae: an invited review

1. Introduction. Gelatin is a soluble protein compound obtained by partial hydrolysis of collagen, the main fibrous protein constituent in bones, cartilages and skins; therefore, the source, age of the animal, and type of collagen, are all intrinsic factors influencing the properties of the gelatins (Johnston-Banks, 1990).

Functional and bioactive properties of collagen and

Bioactive ingredients of rose hips (*Rosa canina* L) with special reference to antioxidative and anti-inflammatory properties: in vitro studies Kaj Winther,¹ Anne Sophie Vinther Hansen,¹ Joan Campbell-Tofte² ¹Department of Nutrition, Exercise and Sports, University of Copenhagen, Frederiksberg C, Denmark; ²Coordinating Research Unit ...

[Full text] Bioactive ingredients of rose hips (Rosa

1986 Monteiro et al. IFRJ 22(): 18-12 or as deactivators of pro-oxidant metals (Ghiretti et al., 1997). Pequi is the popular name of *Caryocar brasiliense*

Phenolic compounds and antioxidant activity of extracts of

The hexane crude extract after defatted of methanol crude extract of neem was analysed by using GC-MS had to be identification of 16 different groups organic compounds, representing 1.327% of the total extract from leaves samples.

Identification and characterization of chemical compounds

www.ijppr.humanjournals.com Citation: Khadija Oumaskour et al. Ijppr.Human, 201 7; Vol. 10 (4): 292 -301 . 293 INTRODUCTION The potential contribution of marine organisms to the discovery of new bioactive molecules

Seasonal Fluctuation of Cytotoxic Activity of Moroccan

The chemical compounds/substances found in living organisms are known as natural compounds. The various sources of these natural compounds include plants, animals, and microorganisms . Natural bioactive compounds are a source of novel pharmaceuticals because of their diversity, which enables the synthesis of drugs that differ from other ...

Plant-Derived Compounds Targeting Pancreatic Beta Cells

Department of Medicinal Chemistry, Institute for Therapeutics Discovery and Development, University of Minnesota, Minneapolis, Minnesota 55414, United States ; Department of Pathology, Brigham and Women's Hospital, Boston, Massachusetts 02115, United States ; Center for Natural Product

The Essential Medicinal Chemistry of Curcumin - Journal of

Food, Agriculture & Fisheries & Biotechnology EUROPEAN COMMISSION European Research Area PROJECT INFORMATION A decade of EU-funded GMO research (2001 - 2010)

PROJECT INFORMATION - European Commission | Choose your

American Journal of Ethnomedicine _____ ISSN: 2348-9502 Page 138 reservoirs of potent chemical compounds

Herbal and Medicinal Plants Molecules Towards Treatment of

Int.J.Curr.Microbiol.App.Sci (2016) 5(8): 324-335 325 AF includes both defensive biological processes used by marine organisms to limit epibiosis and methods used to protect

ISSN: 2319-7706 Volume 5 Number 8 (2016) pp 324-335

Sodium bicarbonate is a white, crystalline powder that is commonly used as a pH buffering agent, an electrolyte replenisher, systemic alkalizer and in topical cleansing solutions.

Sodium bicarbonate | NaHCO₃ - PubChem

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