

## Chemical Composition Of Persea Americana Leaf Fruit And Seed

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### Chemical Composition Of Persea Americana

IJRRAS 11 (2) May 2012 Arukwe & al. Chemical Composition of Persea Americana 348 suggest that increased fibre content in the body of organisms could reduce incidence of diseases like diabetes, high blood pressure, piles, digestive disorders,etc[26.31].

### CHEMICAL COMPOSITION OF PERSEA AMERICANA LEAF, FRUIT AND SEED

This research work was carried out to determine chemical components of Persea americana seed. Persea americana (avocado) is widely grown fruit in parts of South East, Nigeria, where it is used as a medicinal plant in the treatment of several ailments

#### (PDF) Determination of the Chemical Composition of Avocado ...

Botany. Persea americana is a tree that grows to 20 m (66 ft), with alternately arranged leaves 12–25 cm (5–10 in) long. Panicles of flowers with deciduous bracts arise from new growth or the axils of leaves. The flowers are inconspicuous, greenish-yellow, 5–10 mm (3/16 – 3/8 in) wide.. The species is variable because of selection pressure by humans to produce larger, fleshier ...

#### Avocado - Wikipedia

The chemical composition of Persea americana pulp and seed was investigated. Edible and non-edible parts of the fruits (pulp and seeds) ...

#### (PDF) Determination of the Chemical Composition of Avocado ...

The chemical composition of Persea americana pulp and seed was investigated. Edible and non-edible parts of the fruits (pulp and seeds) were compared considering their possible role in improving the sustainability of the food and pharmaceutical

#### Evaluation of the chemical composition of Persea americana ...

Chemical composition, toxicity and larvicidal and antifungal activities of Persea americana (avocado) seed extracts April 2009 Revista da Sociedade Brasileira de Medicina Tropical 42(2):110-3

#### (PDF) Chemical composition, toxicity and larvicidal and ...

Chemical composition, toxicity and larvicidal and antifungal activities of Persea americana (avocado) seed extracts. Leite JJ(1), Brito EH, Cordeiro RA, Brilhante RS, Sidrim JJ, Bertini LM, Morais SM, Rocha MF. Author information: (1)Centro Especializado em Micologia Médica, Universidade Federal do Ceará, Fortaleza, CE. jjgiffoni@yahoo.com.br

#### Chemical composition, toxicity and larvicidal and ...

Avocado (Persea americana) has been shown to be toxic to rabbits, mice, and caged birds. 68,73 All above-ground parts of the plant are toxic. 68 Persin, a compound isolated from the leaves, is believed to be the toxin responsible for avocado toxicity. 73 Intoxicated mammals display cardiac arrhythmias, necrosis of the myocardium, and acute death. 73 Caged birds show respiratory distress. 68,73

#### Persea Americana - an overview | ScienceDirect Topics

Chemical composition, toxicity and larvicidal and antifungal activities of Persea americana (avocado) seed extracts / Joao Jaime Giffoni Leite et al / Revista da Sociedade Brasileira de Medicina Tropical 42(2):110-113, mar-abr, 2009

#### Abukado / Persea americana/ Avocado : Philippine Herbal ...

In industrial processing of the avocado (Persea americana Mill.) fruit only the pulp is used, resulting in thousands of tons of seeds as a waste by-product.Chemical and technological characterizations were done on fiber residues produced with one of two fiber extraction methods: Method A, using NaHSO 3; and Method B, using NaHSO 3, NaCl and tris-hydroxymethyl-aminomethane.

#### Chemical and technological properties of avocado (Persea ...

INTRODUCTION. The avocado (Persea americana Mill.) is a polymorphic tree species that originated in a broad geographical area from the Eastern and central highlands of Mexico through Guatemala to the Pacific (Storey et al., 1986; Bost et al., 2013; Athar and Nasir, 2005).Currntly, avocado is an fruit that has been cultivated in many parts of the world, especially tropical countries.

#### Physico-Chemical Characterization of Avocado (Persea ...

Chemical composition, toxicity and larvicidal and antifungal activities of Persea americana (avocado) seed extracts Composição química, toxicidade, atividade larvívica e antifúngica de extratos de semente de Persea americana (abacate) João Jaime Giffoni Leite1, 2, Érika Helena Salles Brito1, 4, Rossana Aguiar Cordeiro1, 4,

#### Chemical composition, toxicity and larvicidal and ...

The chemical composition of the volatile oil of avocado leaves from Mexican race (Persea americana Mill) grown in the highlands of Mexico was investigated by gas chromatography and gas chromatography-mass spectrometry. Thirty compounds were identified accounting for 92.45% of the oil.

#### Volatile components of avocado leaves (Persea americana ...

Thermal, structural and rheological properties of starch from avocado seeds (Persea americana, Miller) modified with standard sodium hypochlorite solutions. Journal of Thermal Analysis and Calorimetry 2014, 115 (2) , 1893-1899. DOI: 10.1007/s10973-013-3349-z.

#### Chemical Composition of Avocado Seed1 | Industrial ...

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#### Chemical Composition Of Persea Americana Leaf Fruit And Seed

The Hass avocado tree Persea americana cv. Hass was derived from a single hybrid tree of P.americana var. drymifolia and P. americana var. guatemalensis, and it is propagated clonally by grafting. This cultivar is the most widely planted in the world but its profile of secondary metabolites has been studied rarely despite of its importance in plant protection.

#### Phenotypic Variations in the Foliar Chemical Profile of ...

The use of vegetal extracts requires toxicological and genotoxic evaluations to establish and verify safety before being added to human cosmetic, pharmaceutical medicine, or alimentary products. Persea americana seeds have been used in traditional medicine as treatment for several diseases. In this work, the ethanolic seed extract of >Persea americana </i>was evaluated with respect to its ...

#### Acute Toxicity and Genotoxic Activity of Avocado Seed ...

Avocado oil is an edible oil extracted from the pulp of avocadoes, the fruit of Persea americana.It is used as an edible oil both raw and for cooking, where it is noted for its high smoke point. It is also used for lubrication and in cosmetics.. Avocado oil has an unusually high smoke point: 250 °C (482 °F) for unrefined oil and 271 °C (520 °F) for refined.

#### Avocado oil - Wikipedia

Chemical composition and larvicidal activity of essential oils from Piper species. Biochemical Systematics and Ecology 35: 670-675, 2007. [ Links ] 16. Oberlies NH, Rogers LL, Martin JM, McLaughlin JL. Cytotoxic and Insecticidal Constituents of the Unripe Fruit of Persea americana. Journal of Natural Products 61: 781-785, 1998. [ Links ] 17.

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