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# Family Zingiberaceae Compounds As Functional

## As

## Functional

Eventually, you will very discover a further experience and achievement by spending more cash. still when? do you believe that you require to acquire

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those all needs later than having significantly cash? Why don't you try to get something basic in the beginning? That's something that will lead you to understand even more on the globe, experience, some places, in the same way as history, amusement, and a lot more?

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Rhizomes of the family Zingiberaceae contain some im-portant aromatic and color-producing spices such as turme-ric, ginger, galanga, krachai, cardamom, and grains of para-dise. Currently, there is an increasing

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demand for new ethnic foods. The foods also include the emerging cuisines such as Thai, Vietnamese, Indian, and Moroccan, which

## **Family**

## **Zingiberaceae**

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Increasing numbers of reported cases of food-associated infections and health problems associated with

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synthetic additives have led to a growing interest by consumers in ingredients from natural sources. Some members of the family Zingiberaceae have

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Zingiberaceae

commonly known as ginger family, is a family of flowering plants comprising more

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than 1300 species  
divided into about 52

genera of aromatic  
perennial herbs with  
creeping horizontal or  
tuberous rhizomes,  
distributed throughout  
tropical Africa, Asia,  
and the America.

Numbers of plants of  
this family showed  
significant  
antimicrobial activities.

**Zingiberaceae - an  
overview |  
ScienceDirect Topics**

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Commonly known as ginger family, is a family of flowering plants comprising more than 1300 species divided into about 52 genera of aromatic perennial herbs with creeping horizontal or tuberous rhizomes, distributed throughout tropical Africa, Asia, and the America. Numbers of plants of this family showed significant

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antimicrobial activities.

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**Zingiberaceae - an  
overview |**

**ScienceDirect Topics**

Zingiberaceae, the ginger family of flowering plants, the largest family of the order Zingiberales, containing about 52 genera and more than 1,300 species. These aromatic herbs grow in moist areas of the tropics and subtropics, including some regions

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that are seasonably

dry. Common, true, or

Canton ginger  
(*Zingiber officinale*)

**Zingiberaceae |**

**plant family |**

**Britannica**

Terpene synthase

(TPS) genes were

isolated and

functionally

characterized from

three traditional edible

plants, *Acanthopanax*

*sciadophylloides*

("Koshiabura") and

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Acanthopanax sieboldianus ("Himeukogi"), belonging to the family Araliaceae, and Curcuma zedoaria (zedoary, "Gajutsu"), belonging to the family Zingiberaceae.

**Isolation and  
Functional  
Characterization of  
New Terpene ...**

Ginger (Zingiber officinale Rosc.) of family Zingiberaceae is

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acclaimed as an industrially important crop for its use in food, medicine, ethno-medicine and home remedies. Oleoresin contributes...

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and PDFs in  
ZINGIBERACEAE |  
Science topic**

Curcumin is a bright yellow chemical produced by *Curcuma longa* plants. It is the principal curcuminoid

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of turmeric, a member of the ginger family, Zingiberaceae. It is sold as an herbal supplement, cosmetics ingredient, food flavoring, and food coloring. Chemically, curcumin is a diarylheptanoid, belonging to the group of curcuminoids, which are natural phenols responsible for turmeric's yellow color. It is a tautomeric compound existing in

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enolic form in organic solvents and in keto form in wat

## **Curcumin - Wikipedia**

Scoville scale. 60,000 SHU. Gingerol, properly as [6]-gingerol, is a phenol phytochemical compound found in fresh ginger that activates spice receptors on the tongue. Molecularly, gingerol is a relative of capsaicin and piperine,

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the compounds which are alkaloids, though the bioactive pathways are unconnected.

### **Gingerol - Wikipedia**

You were previously introduced to several structural units that chemists use to classify organic compounds and predict their reactivities. These functional groups, which determine the chemical reactivity of a molecule under a given

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set of conditions, can consist of a single atom (such as Cl) or a group of atoms (such as CO<sub>2</sub>H). The major families of organic compounds are characterized by ...

## **24.1: Functional Groups and Classes of Organic Compounds ...**

Background. Turmeric ( *Curcuma longa* ), ginger ( *Zingiber officinale*), Javanese

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ginger ( *Curcuma zanthorrhiza* ), and galangal ( *Alpinia galanga* ), which are members of the family Zingiberaceae, have been used for centuries in traditional medicine [ 1, 2 ]. Zingiberaceae have received scientific interest as dietary anti-inflammatory agents [ 3, 4 ], and pilot human trials have indicated benefits for chronic diseases including osteoarthritis,

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rheumatoid arthritis,  
and major depressive  
disorder ...

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**Zingiberaceae  
extracts for pain: a  
systematic review  
and ...**

Zingiberaceae, a  
medicinally important,  
ornamental,  
monocotyledonous  
family has potential  
members in the tribe  
Alpinieae, among  
which the genus  
Alpinia is studied under

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this current review due to its wide range of biomedical applications.

**Alpinia : the gold mine of future therapeutics | SpringerLink**

zerumbet is a monocotyledonous perennial medicinal plant belonging to Zingiberaceae family. It is commonly known as shampoo ginger. It has many different local

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names depending on their area of collection and vegetation. It is called as 'Singkha' in Manipuri. Various compounds have been reported to be isolated from Z.

**Biological and chemical properties of Zingiber zerumbet ...**

It is the principal curcuminoid of turmeric, a member of the ginger family,

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Zingiberaceae. It is sold as an herbal supplement, cosmetics ingredient, food flavoring, and food coloring. In the fields of medicine, biotechnology and pharmacology, drug discovery is the process by which new candidate medications are discovered.

**Pan-assay  
interference  
compounds -**

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### **WikiMili, The Best ...**

Currently, phytochemicals are an important source of drug discovery in recent research for curing various forms of metabolic disorders and diseases including

### **Functional Lead Phytochemicals from the Rutaceae and ...**

Curcumin is a bright yellow chemical produced by *Curcuma longa* plants. It is the

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principal curcuminoid of turmeric, a member of the ginger family, Zingiberaceae.

Curcumin is the main active ingredient in turmeric. It has powerful anti-inflammatory effects and is a very strong antioxidant.

**OPES Naturals -  
Improving your  
health through plant**

...

Ginger (Zingiber

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officinale Roscoe,  
family: Zingiberaceae)  
is a pungent, aromatic  
spice which extends a  
special flavor and zest  
to our food. Ginger is  
the underground  
rhizome of the ginger  
plant. This perennial  
herb is largely grown  
as both a spice and a  
condiment.

**6-Paradol, a Vital  
Compound of  
Medicinal  
Significance: A ...**

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Background: Ginger

(*Zingiber officinale* Rosc.) belongs to the family Zingiberaceae.

The health-promoting perspective of ginger is attributed to its rich phytochemistry. This study aimed to review the current evidence on ginger effects as an anti-inflammatory and anti-oxidative.

**Anti-oxidative and anti-inflammatory effects of ginger in**

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Kaempferia galanga  
(Family Zingiberaceae)  
is a widely distributed  
Asian medicinal plant  
and cultured crop.  
Several traditional uses  
of the rhizomes of this  
plant have been  
reported with widely...

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