

Special Issue

Structure Identification and Functional Mechanism of Natural Active Components (Volume II)

Message from the Guest Editor

In recent years, the natural active components derived from plants have attracted widespread attention because of their abundant species and source advantages. With the continuous deepening of research, flavonoids, alkaloids and other natural substances have gradually been recognized due to their extensive functional characteristics. Studies have shown that many natural active components have broad-spectrum biological activities, such as antioxidant, antihypertensive, hypoglycemic, anti-inflammatory, antibacterial, anticancer, enzyme-inhibiting activity, etc., which are valuable sources of research and development in food functional factors and novel drugs. Systematical studies on the structure of components, physiological activities, structure–activity relationship, and mechanisms of action for active components using modern scientific methods and experimental means are hot research topics. In addition, the explorations of the combined effect and mechanism of various natural bioactive substances will provide a theoretical basis for the further processing and comprehensive development of resources from multiple levels and aspects.

Guest Editor

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Message from the Editor-in-Chief

Foods (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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