

عنوان مقاله:

Nanodelivery of Nutrients for Improved Bioavailability

محل انتشار:

دومین کنگره بین المللی و بیست و پنجمین کنگره ملی علوم و صنایع غذایی ایران (سال: 1397)

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خلاصه مقاله:

The past decade has proven the ability of nanotechnology in almost all known fields. Development in the field of science and technology is nanotechnology. The multidisciplinary facets of this appearing field provide major cause to researchers in food and pharmaceutical disciplines, for advanced research that contributes to major health and industrial importance. Food nanotechnology encompasses applications related to the development of new functional materials (for protection and delivery of food bioactive compounds) and packaging applications (for improved food safety and biosecurity). Nanotechnology has focused on fresh foods, ensuring a healthier food by employing nano-delivery systems in the process. The delivery systems are the ones, which carries the food supplements. Food scientists are actively researching on nanodelivery of nutrients for enhancing its bioavailability and bioactivity.

کلمات کلیدی:

Nano carrier, delivery, nutrients, bioavailability

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