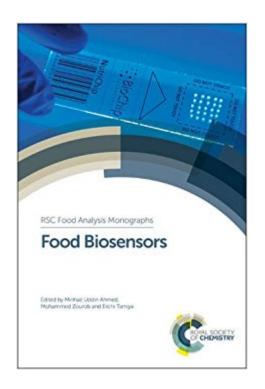


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Food Biosensors (Food Chemistry, Function And Analysis)





Synopsis

Biosensors are increasingly being used to replace traditional methods of analyte detection in the food industry. They offer a much quicker, more reliable and more versatile method for the detection of toxins, allergens, hormones, microorganisms, pesticides and other related compounds. This book, therefore, showcases the latest biosensor development in a single resource. Edited by Minhaz Uddin Ahmed, Mohammed Zourob and Eiichi Tamilya and with contributors from a list of world renowned scientists, this book covers the fabrication of biosensors, the development of miniatursied devices as well as the latest applications in the food industry. Several case studies of recent European food scandals emphasise the need for the development of reliable and affordable food monitoring devices. Up to date information on the current issues facing food biosensor development is presented in this key resource for food biotechnologists, food chemists and biosensor related students and researchers all over the world.

Book Information

Series: Food Chemistry, Function and Analysis (Book 1) Hardcover: 539 pages Publisher: Royal Society of Chemistry; 1 edition (October 12, 2016) Language: English ISBN-10: 1782623612 ISBN-13: 978-1782623618 Product Dimensions: 6.3 x 1.4 x 9.3 inches Shipping Weight: 60 pounds (View shipping rates and policies) Average Customer Review: Be the first to review this item Best Sellers Rank: #743,650 in Books (See Top 100 in Books) #216 inà Â Books > Science & Math > Chemistry > Analytic #928 inà Â Books > Engineering & Transportation > Engineering > Bioengineering > Biochemistry #1472 inà Â Books > Science & Math > Agricultural Sciences > Food Science

Customer Reviews

Biosensors offer a new detection method for food monitoring. This book covers the development of biosensors as miniaturised devices as well as their commercial opportunities. Showcasing food biosensor development in a single resource, with contributions from a list of world renowned scientists, consideration is given to the very recent development of biosensor detectors for food analytes. Provides up to date information on the current issues facing food biosensor development

and how important they can be in ensuring our food is safe. Will be a key resource for food biotechnologist, food chemists and biosensor related students and researchers all over the world.

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