

Introducing the Journal of Agriculture and Food Research, a Brand-New Venue for Multidisciplinary Studies

Abstract

The Journal of Agriculture and Food Research is a new venue for interdisciplinary, cutting-edge, and creative research in all facets of agriculture and food, and we are happy to introduce it. This journal will publish all types of publications, including full-length research articles, reviews, quick communications, viewpoints, and commentaries. It is peer-reviewed and completely open-access. The journal welcomes various submissions from all disciplines and sectors, including but not limited to academic institutions, international research centers, and public and private research organisations. Its goal is to serve as a comprehensive and trustworthy source of information on current developments in the intricate and intertwined agricultural and food systems. The development of the world's agricultural and food systems has coincided with a revolution in the globe and a change in our way of life brought about by improvements in science, engineering, and technology. Such Research developments in agriculture and food are not science fiction or fantasy, but rather extremely practical practises and tools that have a significant impact on how we live our daily lives. Numerous innovations are being developed and put into practise to transform farm animals and field crops into useful food products, not only to feed the world's expanding population but also to enhance the general public's overall wellness. As a result, experts in the fields of agriculture and food are convening and working together more than ever. Massive research efforts are currently being made to find strategies to guarantee sustainable agriculture and food products with increased effectiveness, quality, and safety. In this section, we'd like to quickly highlight a few of the important breakthroughs that are revolutionising our food and agriculture systems. Robotics, plant phenotyping, the agricultural internet of things, intelligent agricultural machinery, agricultural big data, and plant breeding are some of the technological advancements that are revolutionising our food and agricultural systems to increase food security and promote human and environmental health.

Keywords: Direct linear plot • Median method • Substrate inhibition • Kinetic constants estimation

Introduction

Similarly, among the most important factors in the development of sustainable agriculture and food systems are highly inventive advancements in food science and developing processing technologies. These advancements include, but are not limited to, nutrigenomics for individualised nutrition based on genetic information, smart packaging for quality and safety monitoring, non-thermal processing for maximum quality and optimal health benefits, and food nanotechnology for enhancing nutrient stability and bioavailability. CRISPR gene editing technique for the creation of secure and healthy crops as a food source based on individual genetic profiles. There aren't enough thorough publications in this vast and interdisciplinary subject allowing scholars from different disciplines to publish their ground-breaking discoveries and exchange ideas. Launching this comprehensive publication as a unified forum for rigorously peer-reviewed and well-conducted scientific research is both an exciting opportunity and an unparalleled difficulty. This journal's main objective is to make it easier for information and discoveries to be transferred

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from the lab into technologies that are both economically and socially feasible for use in the agriculture and food industries. We kindly encourage you to contribute to the Journal of Agriculture and Food Research in order to make it an educational, useful, and trustworthy scientific platform. you to provide your best original and noteworthy work. The journal has a strong interest in studies that connect agriculture and food, and editors will give these interdisciplinary studies priority when choosing which papers to publish. As the journal's Editors-in-Chief, we will make sure to offer a quick, equitable, and helpful peer-review process while adhering to high publication standards and ethics. All papers that are approved will be instantly, freely, and indefinitely available on ScienceDirect. We would like to take this opportunity to thank the members of the Mini Review Board for their dedication to this endeavour as well as the supporting team at Elsevier for their helpful suggestions and technical know-how in starting this journal. All open access articles are immediately and indefinitely free to read, download, copy, and distribute.

Discussion

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Conclusion

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Contaminants in food: effects on toxicology and metabolism. Physiology, metabolism, and interactions of nutrients. Diet and nutrition's role in disease.

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