

Special Issue

Advances in Artificial Intelligence Applications in the Agri-Food Sector

Message from the Guest Editors

This Special Issue focuses on artificial intelligence (AI) and its implications for the agri-food sector. AI has gained popularity during the diffusion of the 4th Industrial Revolution and has become crucial to the advancement of every sector. AI has the potential to alter the agricultural and food processing industries, with significant ramifications for sustainability and global food security due to its integration of sensing, modelling, planning and action, as well as its use of decision-support systems, natural perception, analytics and robotics in agri-food-related applications.

The aim of this Special Issue is to present an overview of recent advances and cutting-edge research regarding the use of AI in the agri-food sector, propose innovative AI strategies to incorporate knowledge in more complex and dynamic environments, and introduce multidisciplinary approaches to ensure proper privacy, data control, transparency and confidentiality throughout the supply chain.

Guest Editors

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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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