



Research Advances in Perception for Agricultural Robots

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Message from the Guest Editors

This Special Issue aims to publish original, peer-reviewed papers on state-of-the-art smart sensing and perception technologies and their practical applications in agricultural robotic systems. These papers will encompass various artificial intelligence methodologies applied to different robotic platforms, including flying and ground-based systems, with a particular focus on their advanced perceptual and cognitive capabilities. These technologies will be explored for applications in smart agriculture, spanning livestock, horticulture, forestry and related fields. Articles related to smart robots in agriculture are encouraged, highlighting innovations in software and hardware development. Submissions in the form of original research, short communications and comprehensive reviews are welcome.

Keywords: robotics; machine learning; deep learning; computer vision; perception; navigation; manipulation





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Message from the Editor-in-Chief

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