Special Issue

Application of Deep Learning in Precise Analysis of Agricultural Crops

Message from the Guest Editors

In the last few years, the exploitation of the power of Big Data and Artificial Intelligence has led to a big step forward in many applications, including in smart agriculture. Deep learning, as one of the most important techniques of AI, has attracted the interest of researchers around the world. Although substantial progress has been made in smart agriculture, multiple challenges are still open due to the complexity of the circumstances and the limited data resources. This Special Issue aims to bring together communities of deep learning and agriculture. In this Special Issue, we aim to exchange knowledge on any aspect related to the application of deep learning in the precise analysis of agricultural crops, thus facilitating their introduction and improving crop production in the agricultural field. This is an open call for papers, soliciting original contributions considering recent findings in theory, methodologies, and applications in related scenarios from smart agriculture, especially in crops and orchards.

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