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Image Sensing Detection in Bio-Systems Using Convolutional Neural Networks

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Message from the Guest Editors

Deep learning is fast emerging as the state-of-the-art approach in many problems in image analysis and computer vision across several scientific domains in the life sciences, including biomedical image analysis and computer vision in agriculture. This Special Issue is focused on solving computer vision problems in bio-systems (e.g., digital phenotyping, agricultural yield estimation, disease detection, and wildlife monitoring) by using convolutional neural networks for object detection. As the field of deep learning is driven by data, the use of these techniques requires area-specific insights.

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Special Issue



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Message from the Editor-in-Chief

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