Special Issue

Computational Intelligence in Image and Video Analysis

Message from the Guest Editors

An enormous number of images and videos can be obtained nowadays by sensor measurements or by image acquisition devices. These images and videos can be used to detect, identify, or track targets of interest, and the findings can be used for plant monitoring, face recognition, ecological conservation, and more. With the development of computational intelligence, a variety of effective computational techniques have emerged, including expert systems, machine learning, deep learning and other intelligent algorithms. These techniques can be used for image and video analysis, including feature extraction, data mining, or for decision making. However, properly analyzing and interpreting the obtained data remains a challenging task. Proper application or design of computational intelligence algorithms can help improve the effectiveness and speed of image and video processing. The purpose of this Special Issue is to apply computational intelligence to image and video analysis. This Special Issue will provide new insights into related research and broaden the horizons of computational intelligence researchers. We welcome original research or review articles.

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Deadline for manuscript submissions

closed (20 September 2023)

About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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