

Special Issue

Machine Learning in Image Analysis and Pattern Recognition

Message from the Guest Editors

Images are ubiquitous. Tens of millions of images are captured everyday for a variety of applications in almost all domains of human endeavors. We have come to rely on machine learning, including deep learning, to analyze and extract actionable information from captured images via recognizing the presence of patterns of interests. In recent years, these methods, particularly those using deep learning, have exhibited performance levels surpassing human performance in certain applications. The purpose of this Special Issue is to chart the progress in applying machine learning, including deep learning, to a broad range of image analysis and pattern recognition problems and applications. To this end, we invite original research articles making unique contributions to the theory, methodology, and applications of machine learning in image analysis and pattern recognition. We also welcome comprehensive survey articles dealing with any particular aspect of machine learning vis-à-vis image analysis and pattern recognition.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2021)



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Message from the Editor-in-Chief

Data is an open access journal that publishes scientific data in a reliable, citable, and accountable manner. Data grants the opportunity to formally share valuable data, for academic credit. It covers a wide range of disciplines in which data is generated so that published data is discoverable and available for wider re-use. The journal has highly accomplished scientists from a variety of disciplines on the editorial board. The publication emphasizes clarity, honesty, quality, and novelty and has a rigorous peer-review process. We strongly encourage you to share your data vision in Data.

Editor-in-Chief

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