

Special Issue

Machine Learning and Data Analysis for Image Processing

Message from the Guest Editors

In recent years, we have witnessed impressive results in the area of machine learning and deep learning applied to image data. The progress in the area of artificial intelligence has sparked innovations in techniques, algorithms, and approaches and led to results that were impossible to achieve until recently. Various areas rely on the analysis of images to make decisions. These areas have been greatly impacted by this progress. The aim of this Special Issue is to bring contributions and examples from researchers working in these fields. We are seeking new innovative algorithms and approaches using machine learning, deep learning, and data analysis applied to images. Application areas are various, and contributions are accepted in different areas such as computer vision, robot vision, medical imaging, defense and security, remote sensing, image processing, image classification, NDT, etc. Works dealing with other modalities such as visible spectrum imaging, infrared imaging, multispectral and hyperspectral imaging, X-ray, THz, multimodal fusion techniques, etc. are welcome. Contributions can be in a form of research papers, review papers, or comparative analysis.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2021)



Big Data and Cognitive Computing

an Open Access Journal
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Impact Factor 4.4
CiteScore 9.8



mdpi.com/si/33756

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About the Journal

Message from the Editor-in-Chief

Big Data and Cognitive Computing (BDC) is a scholarly online journal which provides a platform for big data theories with emerging technologies on smart clouds and exploring supercomputers with new cognitive applications. It is a peer-reviewed, open access journal that publishes high quality original articles, reviews and short communications. The primary aims of this journal are to encourage contributions of high quality scientific papers relating to data management and analytics in industry, such as manufacturing, healthcare, education, media and business, data mining, and cognitive science. There is no restriction on the maximum length of the papers.

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