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Application of Image Processing in Medicine

Message from the Guest Editors

I am pleased to present a new Special Issue on the “Application of Image Processing in Medicine”. The application of image processing is increasingly being used in various fields of life. One such area is medicine. Modern medical imaging provides an increasing number of features derived from different types of analysis, including artificial intelligence and algorithms. In recent years, this area has been the subject of many research papers and research grants. Consequently, this Special Issue is devoted to the subject of application, in its broadest sense, of biomedical engineering, with a particular emphasis on medical imaging. Therefore, I invite authors who deal with new and modified algorithm methods, evolutionary calculations, and their new applications in biomedical imaging. I hope that this Special Issue will supplement readers’ knowledge of new artificial intelligence methods and their applications in new areas of medical imaging.

Keywords

- Image processing
- fully automatic segmentation
- thermal imaging
- tomography