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Advances in CT Images

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Message from the Guest Editor

This Special Issue aims to provide an overview of recent technical developments in CT imaging and their clinical relevance, with a special focus on spectral imaging. In this context, original articles, review articles, and case reports based on novel CT algorithms and methods will be included. CT technologies such as spectral imaging, including dual-energy CT and photon-counting CT, radiation dose reduction algorithms, and possibilities for contrast media reduction will be covered in this Special Issue. In the first part, technical articles will focus on general principles and methods with a special focus on spectral imaging. In the second part, clinical studies will evaluate and demonstrate the clinical relevance of novel CT technologies, methods, and algorithms for various anatomical regions/diseases. To end, a final discussion by two to three experts in the field will summarize and interpret the findings of this Special Issue concerning future developments and their potential.



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Message from the Editor-in-Chief

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