

Special Issue

Computed Tomography Techniques and Applications

Message from the Guest Editors

Computed tomography (CT) is vital in clinical practice for cross-sectional imaging, generating large amounts of attenuation data rapidly. Radiologists use these data to distinguish pathologies from normal variations, often aided by simple quantitative measurements such as distances and attenuation values. Radiomics feature extractions, such as radio-genomics, radio-pathological correlations, and clinical outcome prediction, are rarely used due to various obstacles, including increased workload, software limitations, abstract interpretation, limited reproducibility, and insufficient evidence. However, scientific studies show promising results. This Special Issue focuses on high-quality contributions to enhance various aspects of CT data utilization, including input data improvement, image segmentation, data processing, feature extraction, workflow integration, knowledge dissemination, quality control, and clinical evaluation. We welcome technical investigations, experimental trials, and clinical assessments in this field.

Guest Editors

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Deadline for manuscript submissions

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Editor-in-Chief

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