Special Issue

Radiomics in Brain Tumor Imaging

Message from the Guest Editors

Brain tumors have a profound impact on a patient`s quality of life and on the healthcare system due to the substantial level of disability already apparent in the early stages of disease, which poses a major medical and socio-economical burden. Magnetic resonance (MR) imaging and positron emission tomography (PET) are the most commonly used techniques to diagnose and provide follow-up of brain tumors. The interpretation of these images is currently based on qualitative image interpretation. Radiomics provides a quantitative way of image analysis in which the purpose is to link radiological features with clinical information, patient's outcome and treatment response assessment, as well as cellular or molecular tumor properties, and thus derive additional information about the entire tumor volume from routinely assessed non-invasive imaging techniques.

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Message from the Editor-in-Chief

Cancers is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

Editor-in-Chief

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