

Special Issue

Advanced Computational Methods for Oncological Image Analysis

Message from the Guest Editors

Cancer is the second most common cause of death worldwide and encompasses highly variable clinical and biological scenarios. Some of the current challenge clinical challenges are (i) early diagnosis of the disease and (ii) precision medicine, which allows for treatments targeted to the specific clinical cases. The ultimate goal is to optimize the clinical workflow by combining accurate diagnosis with the most suitable therapies. Towards this, large-scale machine learning research can define associations among clinical, imaging, and multi-omics studies. This methodology provides reliable diagnostic and prognostic biomarkers for precision oncology. [...] This Special Issue will provide a forum to publish original research papers covering state-of-the-art and novel algorithms, methodologies, and applications of computational methods for oncological image analysis, ranging from radiogenomics to deep learning.

Guest Editors

Dr. Leonardo Rundo
Dr. Carmelo Militello
Dr. Vincenzo Conti
Dr. Fulvio Zaccagna
Dr. Changhee Han

Deadline for manuscript submissions

closed (31 July 2021)



Journal of Imaging

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.7
Indexed in PubMed



mdpi.com/si/60527

Journal of Imaging
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jimaging@mdpi.com

[mdpi.com/journal/
jimaging](https://mdpi.com/journal/jimaging)





Journal of Imaging

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.7
Indexed in PubMed



[mdpi.com/journal/
jimaging](https://mdpi.com/journal/jimaging)



About the Journal

Message from the Editor-in-Chief

The imaging term, specific with journal, is to be considered in its broadest sense. Image processing, image understanding and computer vision are all terms related to imaging acquisition, its processing and the extraction of relevant information from the scene to obtain the underlying knowledge. All tasks related to the above items are oriented toward specific applications in a broad range of areas and topics. The *Journal of Imaging* is conceived as an efficient vehicle in the scientific community for the communication and transmission of the progress and research results in the topics covered.

Editor-in-Chief

Prof. Dr. Raimondo Schettini

Department of Informatics, Systems and Communication, University of Milano-Bicocca, viale Sarca, 336, 20126 Milano, Italy

Author Benefits

Open Access

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, ESCI (Web of Science), PubMed, PMC, dblp, Inspec, Ei Compendex, and other databases.

Journal Rank:

JCR - Q2 (Imaging Science and Photographic Technology)
/ CiteScore - Q1 (Radiology, Nuclear Medicine and Imaging)