

Special Issue

Update on Applications in Medical Imaging and Natural Language Processing

Message from the Guest Editor

In healthcare, the conjunction of Medical Imaging (MI) and Natural Language Processing (NLP) is showing transformative progress. The MI driven by artificial intelligence (AI) advancement is transfiguring diagnosis and treatment. The accuracy and interpretation speed of an image is enhanced by robust AI algorithms aiding physicians in the early detection of diseases and accurate treatment planning. Furthermore, NLP algorithms can diagnose and extract useful understandings from extensive amounts of clinical text data. However, there are still research gaps in terms of NLP applications in the area of MI. This Special Issue will focus on the latest advancements of NLP to MI applications in terms of new approaches and concerns related to NLP applying to MI data.

Guest Editor

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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