Advancements in Artificial Intelligence for Dentomaxillofacial Radiology

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Message from the Guest Editors

Artificial intelligence (AI) has significantly transformed the field of dentomaxillofacial radiology, improving the diagnostic accuracy. AI algorithms have been developed to efficiently analyze and interpret complex medical and dental images, enabling faster and more precise detection of dental and maxillofacial pathologies. By leveraging deep learning and machine learning techniques, AI systems can detect abnormalities such as caries, fractures, and tumors with higher sensitivity and specificity, in addition to hidden aspects such as aspects of shape, intensity and texture in the images. Therefore, this Special Issue is focused on the latest developments of AI in dentomaxillofacial radiology, encompassing insights of computer-aided diagnosis, radiomics and machine learning tools for image interpretation.

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Special Issue

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Message from the Editor-in-Chief

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