Artificial Intelligence (AI) and Machine Learning (ML) in Medical Imaging Informatics towards Diagnostic Decision Making

Guest Editor:

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Deadline for manuscript
submissions:
closed (31 May 2023)

Message from the Guest Editor

This Special Issue (SI), invites manuscripts (research, review, and case studies) on AI and ML (especially DL techniques) based ongoing progress and related development in medical imaging informatics to influence human health and healthcare systems through diagnostic decision making process. The SI will cover topics across the spectrum of medical imaging informatics by considering the breadth of imaging modalities (e.g., optical, molecular, in addition to traditional diagnostic modalities) and the diversity of specialties that depend on imaging information (e.g., radiology, dermatology, pathology, surgery, etc.).

Research areas may include (but not limited to) the following:

- AI/ML-based classification, object (concept) detection in medical imaging;
- Pattern recognition and reasoning for the specific disease in medical imaging;
- AI/ML based disease detection and diagnosis;
- ML/DL in radiology;
- Skin cancer diagnosis in dermoscopic images;
- AI/ML in Oncology;

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Special Issue

Editor-in-Chief

Message from the Editor-in-Chief

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