Special Issue

Advanced Neuroimaging Methods in Brain and Neurological Disorders closed

Message from the Guest Editors

This special issue of "**Advanced Neuroimaging Methods in Brain and Neurological Disorders**" hosted by the gues editors uses the latest and most advanced image processing and image analysis methods to study brain and neurological diseases and conditions. In this special issue, we will invite articles that explore novel problems in brain imaging, requiring these kinds of methods/techniques in the development of computer-aided diagnosis (CAD) systems for the detection of neurological disorders. **Topics are itemized below but are not limited to:**

- Data augmentation methods for learning in medical imaging
- Regularization technology of deep model in small-sample learning in medical imaging
- Ensemble learning based methods in medical imaging
- Neural network based methods in medical imaging
- Meta-leaning based methods in medical imaging
- Explainable AI model for classification in medical imaging
- Fine-tuning based methods for classification in medical imaging
- Theoretical analysis for classification in medical imaging
- Transfer learning methods for classification in medical imaging

Guest Editors

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Deadline for manuscript submissions

closed (20 June 2023)

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Message from the Editor-in-Chief

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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