Advanced Neuroimaging Methods in Brain and Neurological Disorders closed

Guest Editors:

Prof. Dr. Juan Manuel Gorriz Saez

1. Data Science and Computational Intelligence Institute, University of Granada, Granada, Spain
2. Department of Psychiatry, University of Cambridge, Cambridge, UK

Dr. Shuihua Wang

Computing and Mathematic Sciences, University of Leicester, Leicester LE1 7RH, UK

Dr. Roohallah Alizadehsani

Institute for Intelligent Systems Research and Innovation (IISRI), Deakin University, Waurn Ponds, VIC 3216, Australia

Deadline for manuscript submissions:
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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

Special Issue

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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.

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