Special Issue

Advances in Neuroimaging for Human Cognition, Behavior, Brain Modulation and Prediction

Message from the Guest Editor

We invite submissions of studies that employ neuroimaging modalities, such as functional magnetic resonance imaging (fMRI), electroencephalography (EEG), magnetoencephalography (MEG), functional near-infrared spectroscopy (fNIRS), diffusion imaging, positron emission tomography (PET), and other multimodal tools. Of particular interest is research integrating these imaging tools with neuromodulation techniques, such as transcranial magnetic or electrical stimulation, to investigate how they influence cortical organization and plasticity. In that sense, this Special Issue calls for recent research in visual neuroscience, visual cognition, and human behavior that employs neuroimaging as a fundamental methodological approach for understanding the mechanisms underlying perception, decision-making, and interaction with the environment. This Special Issue aims to focus on interdisciplinary work among neuroimaging, neuromodulation, and computational modeling that will take us beyond image observation and analysis, toward a deeper understanding of brain function.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

The imaging term, specific with journal, is to be considered in its broadest sense. Image processing, image understanding and computer vision are all terms related to imaging acquisition, its processing and the extraction of relevant information from the scene to obtain the underlying knowledge. All tasks related to the above items are oriented toward specific applications in a broad range of areas and topics. The *Journal of Imaging* is conceived as an efficient vehicle in the scientific community for the communication and transmission of the progress and research results in the topics covered.

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