



Journal of Medical Imaging and Health Informatics (JMIHI): 2015's SCI-IF 0.877

A medium to disseminate novel experimental and theoretical research results in the field of biomedicine, biology, clinical, rehabilitation engineering, medical image processing, bio-computing, D2H2, and other health related areas.

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Call for Papers

Special Issue on

“Informatics of Motor System and Exercise Science in Grand Health Research”

Daily activity is one of the most fundamental and essential elements in people's life. Motor system is the basic part of human motion. Informatics of motor system could provide plenty of evidence for motion related disease diagnosis and evaluation, treatment, and rehabilitation intervention protocols. As exercise science could explain most motor system functions, a detailed analysis of the exercise science would better the understanding of motor system's outreach. The grand health research is a multidisciplinary areas, involved medicine, psychology, sociology, informatics and lots of other relevant sciences.

As the advanced development of science and technology, modern techniques are widely used and integrated into the research and application of health area. The health Big Data was thus named. In this issue about informatics of motor system and exercise science in grand health research, all research related motor system and exercise system are encouraged, including neurology, physiology, biomechanics, psychology, mathematics, physics, physical therapy and other approaches. This special issue concentrated on the above mentioned research of informatics about motor system and exercise science in grand health, so as the provide implications for potential health issues. Original review and survey articles will be considered as well. The topics of interest in the context of motor system and exercise science and grand health research include, but are not limited to:

- Health imaging process and analysis
- Wearable devices application informatics
- Medical image and informatics analysis
- Big data application in motor disorders
- Virtual reality application in medical research
- Biomedical informatics process and analysis
- Images based remodelling
- Motor system related images and informatics
- Mathematical models in grand health
- Portable health informatics system research

Important Dates:

Manuscript Due: 31 May 2017

First Round of Reviews: 31 July 2017

Second Round of Reviews: 30 August 2017

Revised Manuscript Due: 31 September 2017

Publication Date: December 2017

Please submit Manuscripts using the msTracker system, available at <http://mstracker.com>. Authors must mention in their cover letter that the particular manuscript is for this special issue and the name of Lead guest editor so that the guest editor can be notified separately.

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