JBHI Highlights: February 2016

EMB — **IEEE Journal of Biomedical and Health Informatics** — ◆IEEE
Retitled from IEEE Transactions on Information Technology in Biomedicine (T-ITB)

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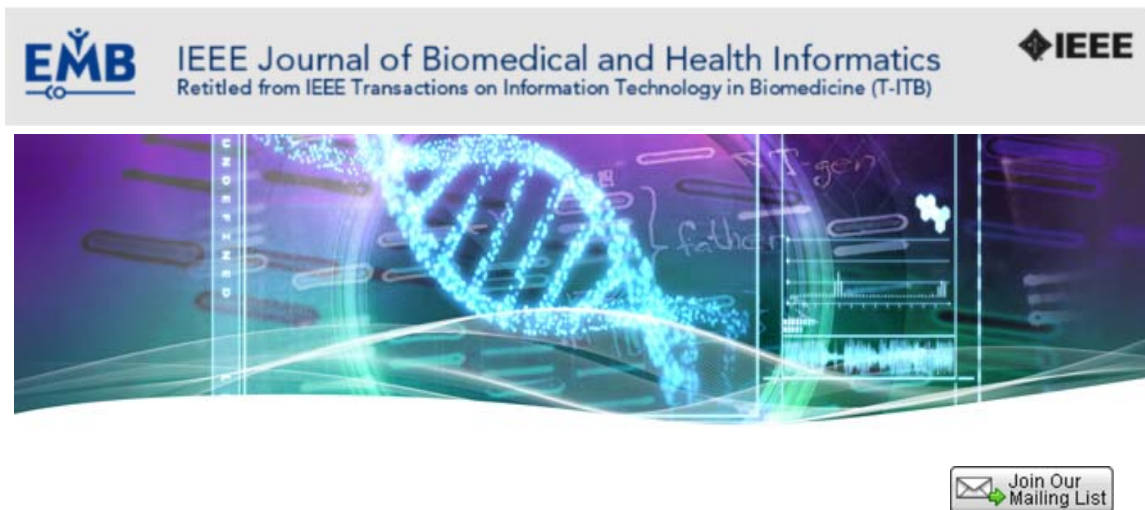
Call for Papers - Nutrition Informatics: From Food Monitoring to Dietary Management
Deadline 31 March, 2016

The prevention of the onset and progression of diet-related acute and chronic diseases (e.g. diabetes, obesity, cardiovascular diseases and cancer) requires reliable and intuitive dietary management. The need for accurate, automatic, real-time and personalized dietary advice has been recently complemented by the advances in computer vision, sensors and smartphone technologies, permitting the development of portable systems for dietary monitoring and management. This special issue aims to bring together contributions from researchers and practitioners in the area of sensor assisted dietary monitoring and management systems. We invite authors to submit their original research articles in nutrition informatics - from food monitoring to dietary management ... **Learn More**

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Call for Papers - Deep Learning for Biomedical and Health Informatics
Deadline 4th July, 2016

Deep learning is a rapidly advancing field in recent years, in terms of both methodological development and practical applications. It allows computational models of multiple processing layers to learn and represent data with multiple levels of abstraction. It is able to implicitly capture intricate structures of large-scale data and ideally suited to some of the hardware architectures that are currently available. The purpose of this special issue is to report the latest advances in the field of deep learning for biomedical and health informatics, addressing both original algorithmic development and new applications of deep learning ... **Learn More**

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IEEE BHI 2016
Las Vegas 24th-27th Feb 2016

The IEEE International Conference on Biomedical and Health Informatics (BHI) is a special topic conference of IEEE Engineering in Medicine and Biology Society (IEEE-EMBS). BHI2016 is co-located with the Annual HIMSS Conference & Exhibition in Las Vegas, NV, USA. The main theme of the BHI2016 is the "Integrative informatics for precision and preventive medicine.".... **Learn More**

IEEE BSN 2016
San Francisco, CA, USA
14-17 June 2016
Workshop proposal due: 18 Jan 2016
Submission due: 29 Feb 2016
This dynamic gathering of students, academic researchers and industrial experts is at the cutting edge of wearable and BSN ... **Learn More**

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- **Big Data, Big Knowledge: Big Data for Personalized Healthcare**

- **Predicting Asthma-Related Emergency Department Visits Using Big Data**

- **Big Heart Data: Advancing Health Informatics Through Data Sharing in Cardiovascular Imaging**

- **Segmentation of the Blood Vessels and Optic Disk in Retinal Images**

- **An Emerging Era in the Management of Parkinson's Disease: Wearable Technologies and the Internet of Things**

- **A Smart Phone-Based Pocket Fall Accident Detection, Positioning, and Rescue System**

- **Wearable, Wireless EEG Solutions in Daily Life Applications: What are we Missing?**

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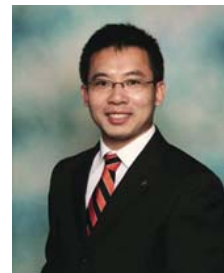
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