Topical Collection

Machine Learning and Artificial Intelligence for Health Applications on Social Networks

Message from the Collection Editor

Artificial intelligence (AI) and machine learning techniques can play a crucial role to deal with such amount of heterogeneous, multi-scale and multi-modal data. AI is changing the landscape of healthcare and modern personalized precision medicine. With the increasing availability of healthcare data and rapid progress of machine learning algorithms and analysis techniques, AI is gradually enabling doctors with tools for better diagnosis, disease surveillance, facilitating early detection, uncovering novel treatments, and creating an era of truly personalized medicine. In particular, novel approaches to AI and big data analytics and mining methods on social media data and social networks may provide invaluable means for health monitoring, surveillance, disease spreading, and outbreak prediction.

The Special Issue solicits empirical, experimental, methodological, and theoretical research reporting original and unpublished results on social networks analysis and mining on topics in the realm of healthcare and health informatics along with applications to real life situations.

Collection Editor

Dr. Carmela Comito
Institute for High Performance Computing and Networking (ICAR), National Research Council of Italy (CNR), Rome, Italy

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Big Data and Cognitive Computing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
bdcc@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Big Data and Cognitive Computing (BDCC) is a scholarly online journal which provides a platform for big data theories with emerging technologies on smart clouds and exploring supercomputers with new cognitive applications. It is a peer-reviewed, open access journal that publishes high quality original articles, reviews and short communications. The primary aims of this journal are to encourage contributions of high quality scientific papers relating to data management and analytics in industry, such as manufacturing, healthcare, education, media and business, data mining, and cognitive science. There is no restriction on the maximum length of the papers.

Editor-in-Chief

Prof. Dr. Min Chen
School of Computer Science and Engineering, South China University of Technology, Guangzhou 510641, China

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