

Special Issue

Health Informatics: Feature Review Papers

Message from the Guest Editors

Biomedical and health informatics is an interdisciplinary field, where the central theme is to explore the effective uses of data, information, and knowledge for scientific inquiry, problem-solving, and decision-making, motivated by efforts to improve human health. Research in health informatics has always been data-centric, and advancements have heavily relied on the availability of various, heterogenous, and novel new data sources. For example, the rapid adoption of electronic health records (EHRs) in the past few decades has made large collections of real-world healthcare data available. Further, recent advancements in artificial intelligence, especially machine learning and deep learning, have enabled us to develop novel biomedical and health informatics methods and tools to address a wide range of applications in improving health and health equity. This Special Issue invites review papers related to all aspects of health informatics: artificial intelligence and data science, electronic health records, curation of novel data sources, digital health, social determinants of health, causal inference, clinical trial design, etc.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Informatics (ISSN 2227-9709) is an international, peer-reviewed, open access journal, which publishes original theoretical and empirical work on the science of informatics and its application in multiple fields. Our concept of Informatics includes technologies of information and communication as well as the biological, social, linguistic and cultural changes that initiate, accompany and complicate their development. *Informatics* publishes regular research articles, reviews and short notes. There is no restriction on the length of papers, and we encourage researchers to publish their theoretical and empirical results in as much detail as possible. The scientific community and the public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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