

Special Issue

Big Data and Bioinformatics

Message from the Guest Editors

Improving data processing efficiency has attracted much attention from various research communities. Researchers in related fields are facing challenges linked to data explosion, which demands enormous manpower for data processing. Artificial intelligence and intelligent systems offer efficient mechanisms that can significantly reduce the costs of processing large volumes of data and improve data processing quality, such as intelligent agent networks. Practical applications have been developed in different areas. This Special Issue aims to gather experts and scholars from related fields to present and share their recent research on big data and bioinformatics. This issue covers state-of-the-art technology in the data processing and bioinformatics field as well as future trends and related issues in this field. This Special Issue covers (but is not limited to) several interesting topics in the areas of big data analytics, data mining and visualization, genome bioinformatics and computational biology, intelligent knowledge mining, data analysis on bio-related areas, brain informatics, and machine learning for big data.

Guest Editors

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Deadline for manuscript submissions

closed (26 May 2025)



Mathematics

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Impact Factor 2.2
CiteScore 4.6



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Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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