

Special Issue

Explainable Artificial Intelligence in Bioinformatic

Message from the Guest Editor

Bioinformatics is an interdisciplinary field that develops methods and software tools for understanding biological data. It attracts a lot of researchers from a variety of fields including biology, computer science, mathematics, statistics, and so on. Recently, with the assistance of fast-improving artificial intelligence (AI) technologies, we can use highly efficient data mining tools to handle a huge body of bioinformatics databases. AI in bioinformatics includes both basic as well as clinical research with the information of biological sequence functions, protein structures, protein-protein interactions, etc. This analysis helps in the design and discovery of drugs as well as complex systems.

- Machine learning and Deep learning
- Natural language processing
- Protein function prediction
- Protein-protein interaction prediction

Guest Editor

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Deadline for manuscript submissions

closed (15 April 2022)



Algorithms

an Open Access Journal
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Impact Factor 2.1
CiteScore 4.5



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About the Journal

Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

Editor-in-Chief

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