Special Issue

Machine-Learning-Enabled Big Data Analysis: Advancements, Applications and Challenges

Message from the Guest Editor

We cordially invite the academic community and relevant industry partners to submit original research articles and reviews to this Special Issue, with a specific focus on the following themes:

- Scalable machine learning algorithms for big data analysis;
- Deep learning architectures for processing and analyzing big data;
- Feature selection and dimensionality reduction techniques for big data analysis;
- Ensemble learning approaches for big data analysis;
- Big-data-enabled edge intelligence;
- Transfer learning methods for leveraging big data across domains;
- Privacy-preserving machine learning techniques for big data analysis;
- Explainable and interpretable machine learning models for big data analysis;
- Online and streaming algorithms for the real-time analysis of big data;
- Machine-learning-enabled video/VR data compression and analysis;
- Machine-learning-enabled analysis techniques for IoT data;
- Advanced tools and techniques for big data visualization;
- etc.

Guest Editor

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Deadline for manuscript submissions

closed (31 March 2024)

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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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