Special Issue

Advanced Machine Learning for Massive Sensing Data

Message from the Guest Editors

Various unmanned and industry systems employ a massive number of sensing data, such as unmanned transportation/vehicle systems, manufacturing automation, energy management/applications and so on. Given the advancements in machine learning algorithm performance, it is now possible to analyze and utilize a large number of sensing data for diverse applications, though the limitations of learning time, cost, etc., must be considered. Deep reinforcement learning algorithms have been particularly utilized in industrial applications to control processes, prevent hazards, improve safety and save energy. However, advanced machine learning must be improved to address the limitations of its application of a massive number of sensing data. This Special Issue is focused on all kinds of machine learning algorithms handling a large number of sensing data.

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Deadline for manuscript submissions

closed (10 October 2023)

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/si/122400

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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