Special Issue

Computational Discovery: Diversity Supplement with Sensor Technology

Message from the Guest Editors

This special issue "Computational Discovery: Diversity Supplement with Sensor Technology" leverages advanced sensors and digital twin technologies (VR, AR, XR, MR) to enhance practical efficiency and innovation across fields like medicine, environmental monitoring, and smart cities. By integrating sensor data with machine learning and AI, it improves accuracy, reduces bias, and enables real-time simulations for safer, smarter environments. This Special Issue invites research on sensor-based methods, including multimodal data fusion, real-time processing, digital twins, bias mitigation, and applications in healthcare, IoT, IoE, autonomous vehicles, and fog/edge computing. We seek studies on machine learning, deep learning, and big data for practical advancements in these areas.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

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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