sensors

an Open Access Journal by MDPI

IMPACT FACTOR 3.4

Indexed in: PubMed

CITESCORE 7.3

Sensor Information Fusion Technology and Its Applications Using Machine Learning

Guest Editor:

Prof. Dr. Linga Reddy Cenkeramaddi
Autonomous and Cyber-Physical Systems Research Group, Department of Information and Communication Technology, University of Agder, Campus Grimstad, 4879 Grimstad, Norway

Deadline for manuscript submissions:
closed (31 January 2024)

Message from the Guest Editor

Sensor information fusion technology, also known as sensor fusion or data fusion, is the act of merging data from several sensors or sources in order to acquire a more accurate, comprehensive, and reliable picture of the environment or object under observation. It entails combining data from numerous sensors, including cameras, radar, lidar, GPS, and others, to provide a cohesive and coherent depiction of the situation.

The sensor information fusion technique has numerous applications in a variety of industries, including:

Sensor fusion in autonomous vehicles; Sensor fusion in surveillance and security; Sensor fusion in robotics; Sensor fusion in environmental monitoring; Sensor fusion in healthcare; Sensor fusion in smart homes and the Internet of Things (IoT); Sensor fusion in augmented reality (AR) and virtual reality (VR); Sensor fusion in object recognition and tracking; Sensor fusion in anomaly detection; Sensor fusion in human–computer interaction and gesture detection; Sensor fusion in predictive maintenance; Sensor fusion in energy management

sensors

IMPACT FACTOR 3.4 | Indexed in: PubMed | CITESCORE 7.3

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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.

Author Benefits

Open Access : free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.
Journal Rank: JCR - Q2 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
𝕏@Sensors_MDPI