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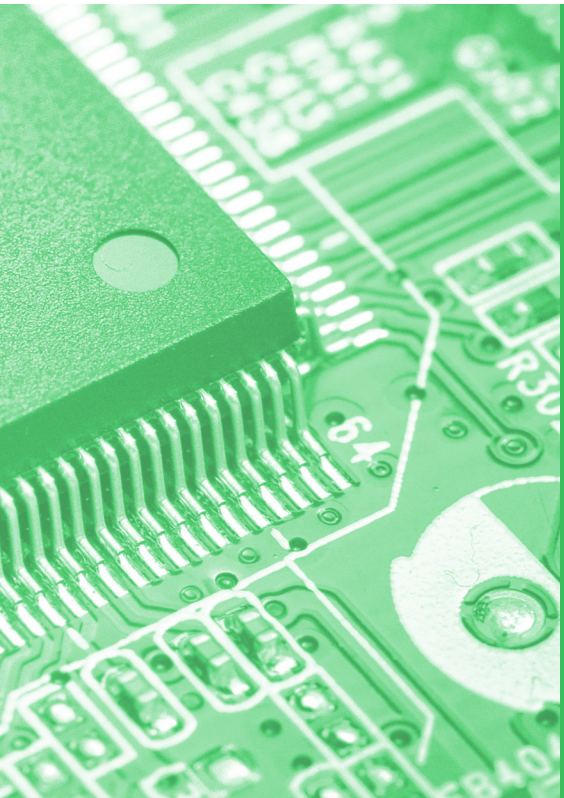
AI Sensors



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Message from the Editor-in-Chief

As a new journal launched in this exciting era of AI, we are dedicated to providing a dynamic platform for sharing groundbreaking ideas and developments. Our mission is to uphold a rigorous yet efficient peer review process, ensuring that every published work meets the highest standards and that researchers, scholars, and practitioners can share their findings, exchange ideas, and collaborate to drive innovation.

On behalf of the Editorial Office, we extend a warm welcome to all potential contributors and readers of *AI Sensors*. We hope that you enjoy our content, and we look forward to working closely with you to build a bright future for our journal.

Editor-in-Chief
Prof. Dr. Chengkuo Lee

Aims

The rapid evolution of artificial intelligence (AI) has ushered in an era of unprecedented innovation across various industries. As AI continues to transform our world, the integration of AI sensors is becoming increasingly essential. *AI Sensors* (ISSN 3042-5999) aims to provide a platform for researchers, engineers, and innovators to explore and share their cutting-edge developments, insights, and breakthroughs in the field of AI sensing technologies, with a particular focus on edge computing and AIoT (AI and Internet of Things) sensing.

The field of AI sensors encompasses a wide range of technologies that enable machines to perceive, interpret, and interact with the world around them. With the rise of edge computing, these sensors are increasingly being deployed in decentralized environments, where data processing and decision making occur closer to the source of data. This paradigm shift is particularly relevant in the context of AIoT, where the convergence of AI and IoT is driving the development of smart, connected systems. AI Sensors aims to bridge the gap between the AI, IoT, and sensor communities, fostering collaboration and knowledge exchange to accelerate innovation in edge computing and AIoT sensing technologies.

Scope

- Edge Computing with AI Sensors
- AIoT Sensing Technologies
- Distributed AI and Federated Learning
- AI-Enhanced Edge Analytics
- Sensor Fusion in Edge Computing
- Low-Power AI Sensing
- Security and Privacy in Edge-AI Systems
- AI-Driven Optimization of IoT Networks
- Case Studies and Applications

Author Benefits

Open Access

Unlimited and free access for readers

No Copyright Constraints

Retain copyright of your work and free use of your article

Thorough Peer-Review

Article Processing Charges (APCs)

AI Sensors is in the promotional stage within 2025 and will have the article processing charges (APC) waived for outstanding research submitted to us

No Space Constraints, No Extra Space or Color Charges

No restriction on the maximum length of the papers, number of figures or colors

Rapid Publication

A first decisions in 19 days; acceptance to publication in 4 days (median values for MDPI journals in the first half of 2025)

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