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Impact Factor 3.3

CiteScore 7.9

Journal of Sensor and Actuator Networks

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Message from the Editor-in-Chief

Being a top scientist, eager to change the world with your excellent research results, *Journal of Sensor and Actuator Networks (JSAN)* is the platform for you. *JSAN* is an international open access journal that ensures competitive publication times and is moving towards a leading position in the field of sensors and actuators. *JSAN* aims to publish your high-quality research articles and reviews, sharing your best understanding and predictions on sensors and actuators as well as promoting new applications of sensor and actuator based systems. *JSAN* offer and organizes every year Special Issues dedicated to specific areas related to sensing and control, which welcome your contribution and participation.

Editor-in-Chief

Prof. Dr. Lei Shu

Aims

Journal of Sensor and Actuator Networks (ISSN 2224-2708) is an international open access journal on the science and technology of sensor and actuator networks. It publishes regular research papers, reviews (including comprehensive reviews on complete sensor and actuator networks), and short communications. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers. The full experimental details must be provided so that the results can be reproduced. There are, in addition, unique features of this journal:

- Manuscripts regarding research proposals and research ideas will be particularly welcome.
- Electronic files and software regarding the full details of the calculation and experimental procedure, if unable to be published in a normal way, can be deposited as supplementary material.

Scope

The scope of *JSAN* includes:

- System architecture, operating systems, and network hardware for sensor/actuator networks
- Smart and intelligent sensing and actuation
- Protocols and middleware for sensor/actuator networks
- Cloud- or edge-based services
- Industry 4.0 and embedded wireless sensor/actuator systems
- Nano-sensor networks
- Wireless sensor/actuator networks (WSAN) for tactile Internet
- WSAN modelling simulation and virtualization tools and network twins
- Experimental facilities and test beds for sensor/actuator networks
- Large-scale and global sensor/actuator networks
- Blockchain technologies and their applications to sensor/actuator networks
- Internet-of-Things-based WSAN
- Quality of WSAN services and experiences
- WSAN and next-generation networks (5G, 6G, etc.)
- Applications of WSAN in farming, horticultural, vehicular, and mobile systems; smart cities, manufacturing, health and medical care; environment and wildlife; and others
- WSAN as cyber-physical systems
- WSAN reliability, trust, security, and privacy
- Software-defined WSAN systems and infrastructure
- WSAN for control systems

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Rapid Publication

A first decision is provided to authors approximately 19 days after submission; acceptance to publication is undertaken in 5.6 days (median values for papers published in this journal in the second half of 2024)

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January 2025

