

Special Issue

Advances in Sensor Networks for Smart Cities

Message from the Guest Editors

In recent decades, the size and population of cities have increased drastically. This massive growth in population poses a significant constraint on resources in several dimensions of daily lives in urban areas, such as the quality of services in healthcare, education, the environment, public safety, and security. Thus, new methods must be put in place for these cities to be sustainably managed. The extensive implementation of pervasive and mobile computing systems has given rise to the term of “smart cities”, which indicates the capability of sustainable city growth by leading to significant enhancements in city management and life in the above-mentioned sectors and various dimensions such as rainwater harvesting, energy efficiency, traffic congestion, pollution reduction, parking space, public safety, and recreation. The interesting features of smart cities have been made possible in recent years because of the availability of commodity low-power sensors, smartphones, tablets, and the necessary wireless networking infrastructure, which, along with technologies such as artificial intelligence (AI) and big data processing.

Guest Editors

Dr. Mohamed Elhoseny

Faculty of Computers and Information, Mansoura University, Mansoura, Egypt

Dr. K. Shankar

School of Computing, Kalasalingam Academy of Research and Education, Krishnankoil, India

Deadline for manuscript submissions

closed (30 June 2020)



Journal of Sensor and Actuator Networks

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 9.4



mdpi.com/si/27292

*Journal of Sensor and Actuator
Networks*

Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

jsan@mdpi.com

mdpi.com/journal/

[jsan](https://jsan.mdpi.com)





Journal of Sensor and Actuator Networks

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 9.4



mdpi.com/journal/

[jsan](https://jsan.mdpi.com/)



About the Journal

Message from the Editor-in-Chief

I encourage you to contribute research and comprehensive review articles for publication in Journal of Sensors and Actuator Networks (JSAN), an international, open access journal which provides an advanced forum for research findings in areas of sensors and actuators. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sensors and actuators and fostering applications of sensor-based measurements and effective actuator incorporation.

Editor-in-Chief

Prof. Dr. Lei Shu

1. College of Smart Agriculture (Artificial Intelligence), Nanjing Agricultural University, Nanjing 210031, China
 2. School of Engineering, College of Science, University of Lincoln, Lincoln LN6 7TS, UK
-

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), dblp, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Computer Science, Information Systems) /
CiteScore - Q1 (Control and Optimization)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 23.6 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the second half of 2025).