

## Special Issue

# Cognitive Radio Wireless Sensor Networks: From Radio to Applications

### Message from the Guest Editor

Cognitive radio wireless sensor networks have been envisioned as one of the future wireless networking technologies to support seamless networking service and to improve spectrum utilization. They yield a large number of research and development challenges. For example, spectrum sensing and management are inherent to the properties of cognitive radio, and reliability and energy conservation are due to the characteristics of wireless sensor networks. This Special Issue covers a vast range of topics ranging from low-level physical radio to practical user applications in cognitive radio wireless sensor networks. Not only original research articles but also innovative reviews related to hot issues are welcome.

- Algorithms
- Network protocols
- Test platforms
- Embedded software
- Modeling and performance study
- Field applications
- Interdisciplinary design

---

### Guest Editor

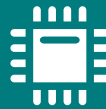
Prof. Dr. Sangman Moh

Department of Computer Engineering, Chosun University, 309 Pilmun-daero, Dong-gu, Gwangju 61452, Republic of Korea

---

### Deadline for manuscript submissions

closed (15 February 2022)



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/44247](https://mdpi.com/si/44247)

*Sensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

[mdpi.com/journal/  
sensors](https://mdpi.com/journal/sensors)





# Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/journal/  
sensors](https://mdpi.com/journal/sensors)



## About the Journal

### 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.

---

### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro  
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

---

### 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 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)