



sensors



an Open Access Journal by MDPI

Big Data Analytics and Intelligent Computation to Advance Novel Applications

Guest Editors:

Dr. Jianxin Li

School of Information
Technology, Deakin University,
Burwood, VIC 3125, Australia

Dr. Bin Wang

School of Computer Science,
Northeastern University,
Shenyang 110819, China

Dr. Jihong Park

School of Information
Technology, Deakin University,
Burwood, VIC 3125, Australia

Deadline for manuscript
submissions:

closed (31 December 2022)

Message from the Guest Editors

Big data analytics and intelligent computation are a hot topic to advance data-based services in real applications. However, most big data platforms, algorithms, and computational solutions are too general to be applied in novel application scenarios. The sensor data volume is often huge and cannot fully be stored for processing. Sensor data are dynamic and updated over time, while sensor data are mostly consumed in streaming-style strategies. These specific requirements have become the key bottlenecks in utilizing the existing research outputs in big data analytics and intelligent computation. Therefore, to address these novel challenges, new technologies and feasible solutions of big data analytics and intelligent computation are now being pushed to a new frontier.

This Special Issue aims to establish an emerging forum and attract high-quality research submissions from worldwide scholars. We also encourage authors to deploy the existing big data analytics solutions with a reasonable extension to adapt their appropriateness in novel application scenarios.



mdpi.com/si/91314

Special Issue



sensors



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](#)