



sensors



an Open Access Journal by MDPI

Monitoring of Odorous Compounds in the Environment

Guest Editor:

Prof. Dr. Ki-Hyun Kim

Department of Civil and
Environmental Engineering,
Hanyang University, Seoul 04763,
Republic of Korea

Deadline for manuscript
submissions:

closed (31 July 2008)

Message from the Guest Editor

All types of sensors applicable to the determination of odorous compounds in various environmental matrices (e.g., air, water, and soil) will be covered in this special issue. In recent years, the assessment of odor pollution is generally made either by indirect means such as quantitative analysis based on instrumental detection or by the use of direct (sensory or olfactory) methods. As a primary means to control odor pollution from various emission sources, quantitative analysis of the offensive odorous compounds is considered as the primary task. Many advances have in fact been achieved in the instrumental detection of odorous compounds with the employment of delicate analytical systems. However, sensor techniques yet suffer significantly from low sensitivity or interference problems. More efforts are hence desirable to improve our application of sensor techniques to the detection and accurate quantification of odorous compounds under the various environmental settings.



mdpi.com/si/23

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 (*Instruments & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

Contact Us

Sensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)