# Special Issue

# Advances in Magnetic Sensors with Nanocomponents

### Message from the Guest Editors

Magnetic sensors have attracted scientific attention for their technological findings in a broad scope of fields. These applications range from space research to security systems, high-density magnetic recording, environmental monitoring, and biomedicine. The miniaturization of sensors and technological devices is a pillar of the development in smart-novel nanomaterials that challenges the materials science community. The current tendencies in sensors require high sensitivity, a quick response, small size, and stability, while reducing the production cost and power consumption. Recent trends in sensors are based on basic research combining both chemical and physical principles. One of the assets relies on the possibility of integrating different nanosensors in a compact device.

This Special Issue of Chemosensors will be focused on the latest advances and novel ideas that are devoted to designing magnetic devices and applications, magnetic sensing technology, chemical detection systems, basic phenomena, and fundamental studies of new nanomaterials suitable for the next generation of sensors. Short communications, research papers, and review articles are welcome.

### Guest Editors

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### Deadline for manuscript submissions

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*Chemosensors* continues to grow as a forum for all manners of sensing that encompass chemistry. *Chemosensors* is published in open access format – all articles and content are released on the internet immediately following acceptance, thus allowing unlimited access to the content as soon as it is published. We would be happy to have you join our growing list of authors.

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