Special Issue

Chemical Sensing and Analytical Methods for Forensic Applications

Message from the Guest Editor

In forensic science, there is a high demand for rapid, easy-to-use, inexpensive, and non-destructive analytical methods with selective capabilities that could be efficiently used in presumptive or confirmatory testing of forensic evidence. With the paradigm shift in the chemical analysis of trace evidence, integrating chemical characteristics of physical evidence for intelligent investigation of crimes is one of the major focuses of this discipline. This Special Issue aims to focus on the development of novel sensing or analytical systems that can accurately and reliably promote the use of trace evidence for high-quality crime scene investigation. Papers that address the various emerging technologies such as 3D printing, 3D scanning, and artificial intelligence (AI)-powered field chemical sensing systems are highly encouraged. The topics of this Special Issue include, but are not limited to, the following:

- Chemical sensing and analysis in forensic science;
- Trace evidence detection;
- Crime scene management;
- Separation science for forensic chemistry;
- Emerging technologies in trace chemical detection;
- Artificial intelligence-powered field chemical sensors.

Guest Editor

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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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