Special Issue

Nanocomposites for SERS Sensing

Message from the Guest Editors

Surface-enhanced Raman scattering (SERS), as a promising spectroscopic technology for surface analysis, can provide with fingerprint information of surface adsorbed molecules. Since its insensitivity to moisture and ultrasensitivity, even for single-molecular detection, SERS is valuable to a vast number of applications, especially for chemosensors. As a practical concern for SERS detection as chemosensors, the design of substrate materials is usually the core issue; however, it is now restricted by the limited candidates that can be employed as sensitive SERS substrates, such as the traditional Au, Ag, and Cu metals. Therefore, the discovery of novel substrate materials beyond these coinage metals, such as non-metal substrates and composited substrates, is becoming a hot topic, which has drawn attentions from both academic and technical communities. This Special Issue encourages the submission of work on adventuring novel nanocomposites (such as SERS substrates), the preparation and application of the substrates, as well as the underling relationship between the structure and improved SERS activities of these composites as chemosensors. More information, please view here.

Guest Editors

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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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