



Nanocomposites for SERS Sensing

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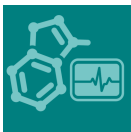
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Message from the Guest Editors

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 underlying relationship between the structure and improved SERS activities of these composites as chemosensors.

More information, please view [here](#).





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