Special Issue

Nanomaterial Based Chemical Sensors

Message from the Guest Editor

Nanomaterial-based chemical sensors may include a wide variety of candidates, such as fluorescent nanoparticles, plasmonic nanoparticles, organometallic nano-architectures, up-conversion nanoparticles, nanocrystals, nano dots of silica, carbon and semiconductor materials, metal nanoclusters, nanocomposites, and nanostructures biomolecules. The aforementioned candidates have already been applied in the detection of metal ions, anions, pHs, amino acids, proteins, and so on. However, the mechanism behind diverse analyte detection may vary according to the involved forces. The purpose of this Special Issue is to provide the up to date information on “Nanomaterial Based Chemical Sensors” and to scrutinize the state-of-the-art methods for the development of such nanosensors towards diverse analyte determination. The major scope of this issue will cover chemical sensory applications of fluorescent and plasmonic nanoparticles, metal nanoclusters, nano dots of silica, carbon and semiconductor materials, and nanocomposites. However, sensory applications of other kind of nanomaterials are also encouraged for submission.

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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