Special Issue

Advances in Nanocomposite Luminescent Sensors

Message from the Guest Editor

Nanocomposite materials exhibit different properties from both individual atoms and bulk properties in a material. Understanding both physical and chemical characteristics of the materials lead to fabricating various luminescent nanocomposites with enriched host-guest features tailored for the detection of various chemical and biological samples. Because of the variety of the topics covered on luminescent nanocomposites in terms of pore structure with designed morphology, compositional variations, surface properties and functionalities, there is a great deal of interests in materials modification to tailor unique and stable luminescent sensors for industrial, environmental, and biomedical applications. We invite active scientists and engineers with research interest focused on nanocomposite materials as luminescent probes to contribute to this special issue *with* original research papers, short communications, and critical reviews. Keywords:

- luminescent sensors
- nanocomposites
- fluorophores
- guest-host
- nanoparticles
- luminescent chemosensors
- biosensing and bioimaging
- metal ion detection
- cell tracking

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Deadline for manuscript submissions

closed (30 June 2024)

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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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