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Luminescence Based Nano-Sensors for Biomedical Applications

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Message from the Guest Editors

This Special Issue focuses on novel technological innovations, including the design and synthesis of luminescent nanosensors; new nanomaterials; solutions to challenges, such as signal to noise ratio (SNR), data processing, biocompatibility and targeting ability; and new application areas, in vitro, ex vivo and in vivo. The objective is to collect reviews, tutorials and original research articles that provide a timely summary of cutting-edge results and emerging technologies in these interdisciplinary fields.

Keywords:

- nanosensors
- biosensing
- chemical sensing
- nanotechnology
- fluorescence
- optical
- luminescence
- phosphorescence
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Special Issue



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Message from the Editor-in-Chief

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