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Novel Molecular Optoelectronic Sensing

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Deadline for manuscript submissions:
closed (31 October 2021)

Message from the Guest Editors

Dear Colleagues,

Photoelectric technology has recently experienced great developments and it been gradually applied in many fields. As the key component of detection systems, photoelectric detection has also progressed along with the corresponding research. Various optoelectronic sensors have been employed to detect molecules in recent years. This Special Issue aims to report on all types of optoelectronic-based sensors designed for molecular detection. Reports on new functional/complex/assemblied/biomimetic nanostructures (morphology, superstructure, heterostructure, phase junction, energy band structure), new interfacial physicochemical processes, and new flexible wearable optoelectronic sensors for precise sensing are preferred.

- Ultraviolet-visible detection
- Fluorescence detection
- SERS detection
- Electrochemical sensing
- Photoelectric detection

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Message from the Editorial Board

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