

Special Issue

Spectroscopy for Biochemical Imaging and Sensing

Message from the Guest Editor

“Spectroscopy for biochemical imaging and sensing” refers to the use of spectroscopic techniques to study and analyze biochemical processes, molecules, and structures within biological systems. This interdisciplinary field combines principles from spectroscopy, biology, chemistry, and imaging to investigate the composition, structure, dynamics, and interactions of biomolecules in living organisms.

- biochemical imaging
- sensing techniques
- optical spectroscopy
- fluorescence spectroscopy
- Raman spectroscopy
- infrared spectroscopy
- near-infrared spectroscopy
- surface-enhanced Raman spectroscopy
- hyperspectral/multispectral imaging
- fluorescence imaging
- molecular imaging

Guest Editor

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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