

Special Issue

Advances in Single Molecule Spectroscopy

Message from the Guest Editor

Since the first reports of single-molecule spectroscopy in the mid 1980s, single-molecule techniques have greatly expanded to include the study of photophysics and photochemistry of individual molecules, biomolecules, living cells, and nanomaterials. The powerful application of absorption, fluorescence, and Raman spectroscopy to individual chromophores, be they molecules, proteins, or nanoparticles, has provided tremendous insight into the structure and dynamics of heterogeneous systems. Applications of single-chromophore spectroscopy include imaging and microfluidics as well as studies of energy and charge transfer.

Guest Editor

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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