

Special Issue

Recent Advances in Fluorescent Probes: Design, Synthesis, Properties and Application

Message from the Guest Editors

Owing to the high sensitivity and selectivity, low cost, and simplicity of operation, fluorescent probes have become important and innovative analytical tools in various scientific fields. Leveraging the unique properties of fluorescent molecules, these fluorescent probes can detect a variety of analytes, including metal ions, anions, small molecules, gasses, and biomolecules. With the continuous deepening of research, we can expect to see even more new fluorescent probes being designed and developed to address new and emerging detection needs. This Special Issue will focus on the design, synthesis, properties and applications of new fluorescent probes.

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As the premier open access journal dedicated to molecular chemistry, now in its 30th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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