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Special Issue on Fluorescence Analysis

Call for Papers

Fluorescence Analysis (FA) is a correlation analysis of utilization certain substances produced fluorescence under UV-irradiation, lasing or X-ray. The analysis can be used to obtain qualitative and quantitative information such as diffusion coefficients, hydrodynamic radii, average concentrations, kinetic chemical reaction rates and singlet-triplet dynamics. Fluorescence analysis is such a sensitive analytical tool depend on it observes a small number of molecules in a small volume and has no physical separation process. It also can trace the biochemical pathway in intact cells and organs. This special issue will be focused on studying different kinds of **fluorescence analysis** and their applications.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **fluorescence analysis**. Potential topics include, but are not limited to:

- Application of fluorescence analysis (Biochemistry, Biophysics, Chemistry, etc.)
- Measurement of fluorescence analysis
- Experimental methods of fluorescence analysis
- Autocorrelation functions of fluorescence analysis
- Fluorescent probes
- Variation of fluorescence analysis (Spot variation FA, Brightness analysis methods, Scanning FA, Particle image correlation spectroscopy, etc.)
- Particle tracking
- Computer software of fluorescence analysis

Authors should read over the journal's Authors' Guidelines carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's Paper Submission System.

Please kindly notice that the "**Special Issue**" under your manuscript title is supposed to be specified and the research field "**Special Issue - *Fluorescence Analysis***" should be chosen during your submission.

According to the following timetable:

Submission Deadline	July 22nd, 2014
Publication Date	September 2014

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Guest Editor:

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