

SENSOR LETTERS

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A Special Issue on FRET based sensor

CALL FOR PAPERS

This special issue will be devoted to the application of Förster resonance energy transfer (FRET) towards designing various sensors. It will include several invited papers, feature articles and contributory articles.

Distance dependent Förster resonance energy transfer (FRET) describes a non-radiative transfer of excitation energy from a donor to an acceptor molecule in the nanometer range. Due to the distance dependence of FRET, the technique has been used to measure distance and detect molecular level interactions in a number of systems and specifically designing various sensors. FRET can also be used to detect interaction and conformation of different bio-macromolecules including DNA, lipid etc.

We invite submission of (i) Research Articles, (ii) Communications/Letters to editors covering the following topics (but not limited to):

- 1) FRET based biosensor
- 2) FRET based chemo-sensor
- 3) FRET based environmental sensor
- 4) Other sensors where FRET technique has been used

ABOUT SENSOR LETTERS

Sensor Letters is a multidisciplinary peer-reviewed journal covering the fundamental and applied research aspects on sensor science and technology in all fields of science, engineering, and medicine. Topics include chemical, biological and physical sensors, cell and tissue-based sensors, sensor networks and systems, sensing materials, fabrication techniques, etc.

Manuscript Submission:

- Manuscripts must be prepared according to Journal's guidelines, available at <http://www.aspbs.com/sensorlett/>. Submit your manuscripts in MS word and PDF format online to the email addresses - **sa_h153@hotmail.com / sa Hussain@tripurauniv.in**
- In the cover letter, please mention that the manuscript is submitted for the special issue. All papers submitted to this issue will be subject to a strict peer review process to ensure high quality articles. Mention the name of three potential referees with their contact address and designation in the cover letter.
- Authors should submit a statement of novelty and originality in the cover letter to ensure that the submitted paper is original and it is neither published previously nor submitted to any other journal presently and will not be submitted somewhere else before a final decision is made by this journal.

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Expected date of publication: **30th May, 2018**