Special Issue

Photoelectrochemical (Bio)sensors for Biological, Food, and Environmental Analysis

Message from the Guest Editors

Photoelectrochemical (PEC) (bio)sensors are a new class of analytical devices operating on the basis of the PEC properties of materials and can be applied to the (bio)sensing of various biological targets, metabolites, food/beverage/cosmetic ingredients, environmental pollutants. In recent years, to overcome the possible defects of a single material, versatile composites have been constructed to heterojunctions for improving PEC response sensitivity and selectivity to a specific analyte of interest. This Special Issue of Chemosensors focusses on the design and development of PEC (bio)sensors, especially their applications in biological, food, and environmental analysis. We look forward to receiving papers on the relevant topics.

- Photoelectrochemical(bio)sensors
- Novel materials for PEC (bio)sensing
- Novel PEC (bio)sensing principles
- Immunosensors
- Imprinted polymers
- Functional nanomaterials
- Semiconductor nanomaterials
- Heterojunctions
- Aptasensors
- Disease diagnostics
- Environmental analysis
- Food analysis
- Air pollutants

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Chemosensors continues to grow as a forum for all manners of sensing that encompass chemistry. *Chemosensors* is published in open access format – all articles and content are released on the internet immediately following acceptance, thus allowing unlimited access to the content as soon as it is published. We would be happy to have you join our growing list of authors.

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