

Special Issue

Novel Nanomaterials: Photoelectric Properties and Their Applications in Sensors

Message from the Guest Editors

Nanomaterials have attracted a great deal of attention in many applications due to their structure and unique photoelectric and catalytic properties. One active research area in nanomaterials today is the advancement in the development of sensors and nanosensors with interest in different production sectors. Among them, sensors based on nanomaterials with photoelectric properties have attracted increasing attention due to new principles of the sensor response mechanism. The purpose of this Special Issue is to collect reviews and original research articles on the activities of new nanomaterials with photoelectric properties for the development of photoelectrochemical sensors relevant to their applications.

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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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