



International Journal of Photoenergy

Special Issue on  
**TiO<sub>2</sub> Based Materials as Photocatalyst and  
Photovoltaic Materials**

# CALL FOR PAPERS

Titanium oxide (TiO<sub>2</sub>) is by far the most distinguished inorganic material in photocatalyst and photovoltaic applications for environmental protection. New intrinsic and interfacial properties of TiO<sub>2</sub> are needed to have breakthrough in these fields. We invite authors to submit original research and review papers that discuss the development of TiO<sub>2</sub> based materials with novel electrical, chemical, and physical properties enhancing the photocatalytic efficiency and solar power conversion efficiency.

Potential topics include, but are not limited to:

- ▶ Development of TiO<sub>2</sub> based photocatalysts with new properties (e.g., enhanced visible light utilization) for environmental applications such as drinking water solar disinfection and ground water remediation
- ▶ Development of TiO<sub>2</sub> or TiO<sub>2</sub> related (e.g., Perovskite) materials with controlled properties (e.g., improved efficiency in the light harvesting, charge separation, and transfer) for solar cell applications

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/ijp/ippm/>.

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