

# Journal of Nanoscience with Advanced Technology(JNAT)

## Special Issue on

### NanoMaterials for Hydrogen Technology and Fuel Cells applications

[Journal of Nanoscience with Advanced Technology \(JNAT\)](#) is a **Peer- Reviewed; Open Access** journal that publishes original research studies along with review, short communication etc., encompassing fundamental and applied research in all disciplines of **Nanoscience & technology**.

In an approach to share your work related in the field of **NanoMaterials for Hydrogen Technology and Fuel Cells application**, Journal of Nanoscience with Advanced Technology(JNAT) welcomes papers from worldwide researchers;

JNAT invites researchers to contribute original research and review articles that will stimulate the continuing efforts to advance the science and technology in this crucial and fast progressing area. The research may be on either materials directly contributing to hydrogen technologies or to apparatus technology that enable hydrogen energy applications. Potential topical areas include, but are not limited to, nano and functional materials for:

#### *Sustainable Hydrogen Technology*

**a. Production:**

1. Renewable fuel
2. Electrolysis
3. Photosynthesis and Photolysis (Photoelectrochemical cells, PEC)
4. Thermo-chemicalcycles
5. Other technologies

**b. Storage, DistributionandRefuelling:**

1. Gaseous storage
2. Cryogenic storage
3. Metal & chemical hydrides
4. Carbon nano structures
5. Other storage technologies
6. Distribution infrastructures
7. Refuellingstations

**c. *Hydrogen SustainabilityandEconomicViability***

1. National and international programs and perspectives
2. Environmental issues
3. Economy and financing
4. Social acceptance

**d. *Fuel Cells for Mobile and Stationary Systems***

**e. Including, but not limited to:**

1. Proton Exchange Membrane Fuel Cell (PEMFC)
2. Direct Methanol Fuel Cell (DMFC)
3. Solid Oxide Fuel Cell (SOFC)
4. MicrobialFuelCell

## **Journal of Nanoscience with Advanced Technology(JNAT)**

### **Submissions:**

All kinds of papers are invited. Please refer [Author guidelines](#) before submission.

Use the online link to [submit](#) your papers or e-mail it to

[nano@verizonaonlinepublishing.com](mailto:nano@verizonaonlinepublishing.com)

### **Editor-in-chief:**

**Prof. Sofoklis Makridis**

Department of Mechanical Engineering, UoWM, Kozani, Greece

### **Guest Editors:**

**Prof. Paulina Pianko-Oprych**

Assistant Professor, West Pomerian University of Technology, Poland

**Dr. Theodoros Steriotis**

Research Director, Institute of Physical Chemistry, NCSR "Demokritos", Greece