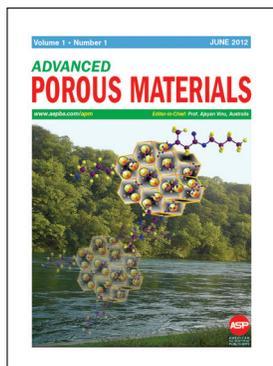


An international peer-reviewed journal publishing research activities  
on all kinds of novel porous materials

[www.aspbs.com/apm](http://www.aspbs.com/apm)

**CALL FOR PAPERS**



# ADVANCED POROUS MATERIALS

Editor-in-Chief: Prof. Ajayan Vinu, Australia

## AIMS and SCOPE

ADVANCED POROUS MATERIALS (APM) is an international peer-reviewed journal that publishes research activities on the fundamental aspects, synthesis, advanced characterization, structural properties, and multiple applications of all kinds of novel micro-, meso-, nano- and macro-porous materials. APM also offers unique opportunity to report the energy and environmental related applications of advanced porous materials addressing significant environmental problems as a result of global climate changes. APM publishes reviews, full-length papers, and short communications, covering materials including zeolites, zeotypes, metal organic frameworks, layered materials, porous carbons, nitrides, metals, polymers, phosphides, chalcogenides, transition metal oxides, hydroxyapatite, gels, fibers, ceramics, glasses, membranes, and thermoelectric materials, mesoporous silica, amorphous and crystalline mesoporous metallosilicates, mesoporous hybrid materials, nanocomposites, porous organic molecules, graphenes, and open framework materials, and their applications in catalysis, sensing, adsorption, separation, drug delivery, magnetism, battery, supercapacitors, solar cells, nanodevices and fine chemical synthesis. The peer-reviewed proceedings of scientific meetings, symposia and workshops related to porous materials are also published.

## RESEARCH TOPICS COVERED (but not limited to):

- Synthesis, mechanism of formation, and characterization of ordered and disordered micro, meso and macroporous silica and core shell materials
- Soft and hard templating synthesis of amorphous and crystalline micro and mesoporous non-siliceous materials including metals, chalcogenides, phosphides, nitrides, metal oxides, carbons, and metalophosphosphates
- Synthesis and the mechanism of formation of various zeolites, zeotypes and layered materials
- Preparation and characterization of all types of various organic-inorganic hybrid materials, metal organic frameworks, covalent organic frameworks, polymers and nanocomposites
- Crystal structure and spectroscopic analysis of micro, meso and macroporous zeolites
- Pore structure analysis and the investigation of adsorption and diffusion of different molecules inside the pores using theory and modelling
- Functionalization, modification, post-synthetic treatment, pore size, morphology and structural control of micro, meso and macroporous materials
- Immobilization or encapsulation of different molecules via host-guest chemistry approach
- Fabrication and mechanism of formation of various hierarchically ordered materials
- Applications of various porous materials in adsorption, separation, sensing, fuel cells, solar cells, energy storage, photonics, drug, cell, gene and DNA delivery, magnetism, electronic and display
- Catalysis using various porous materials including acidic, basic, oxidation, reduction, hydrogenation, hydroisomerization, hydrodesulphurization, hydrodechlorination, coupling, cracking, addition, ring-opening, condensation, electrocatalysis, photocatalysis, chiral catalysis, etc.
- Synthesis of fine chemical, petrochemicals, medicinal products using porous materials

## Authors will receive the following benefits:

- Electronic submission of articles
- Fast reviews and publication
- No page charges
- Free color where justified
- Distinguished editorial board
- Availability in print and online editions
- Wide readership: open online access

Submit manuscript online to the [Manuscript Tracking System](#)

**SUBSCRIBE NOW!**

**AMERICAN SCIENTIFIC PUBLISHERS**

25650 The Old Road, Suite 208  
Valencia, CA 91381-1439, USA



Tel. (661) 799-7200

Fax: (661) 799-7230

Email: [order@aspbs.com](mailto:order@aspbs.com)

Web: [www.aspbs.com](http://www.aspbs.com)

AMERICAN  
SCIENTIFIC  
PUBLISHERS

**EDITOR-IN-CHIEF**

**Prof. Ajayan Vinu**

The Australian Institute for Bioengineering and Nanotechnology  
The University of Queensland  
St Lucia, Brisbane, Queensland, Australia

Phone: +61-7-3346-4122; Fax: +61-7-3346-3973

Email: [advpormater@gmail.com](mailto:advpormater@gmail.com)

Visit: [www.aspbs.com/apm](http://www.aspbs.com/apm)