







an Open Access Journal by MDPI

# Advances in Pillared Clays and Similar Materials: Synthesis, Characterization and Applications

Guest Editors:

#### Prof. Dr. Antonio Gil Bravo

INAMAT^2-Departamento de Ciencias, Edificio de los Acebos, Universidad Pública de Navarra, Campus de Arrosadía, 31006 Pamplona, Spain

## Prof. Dr. Miguel A. Vicente

GIR-QUESCAT, Departamento de Química Inorgánica, Universidad de Salamanca, E-37008 Salamanca, Spain

Deadline for manuscript submissions:

closed (31 October 2017)

# **Message from the Guest Editors**

Dear Colleagues,

Since the first works introducing the aluminum intercalated clay family in the early 1970s, interest in the synthesis of Pillared InterLayered Clays (PILCs) has increased tremendously, especially research into the properties and energetic and environmental applications. After our comprehensive reviews and book on the synthesis and catalytic applications of these materials, new references have appeared in the literature and the interest in this field is continuously increasing. The aim of this Special Issue is to collect the recent advances developed considering this family of solids. Contributions on similar materials. intercalated clav-based as clavs, nanocomposites or intercalated hydrotalcites, welcome.

Prof. Dr. Antonio Gil Prof. Dr. Miguel A. Vicente *Guest Editors* 













an Open Access Journal by MDPI

## **Editor-in-Chief**

#### Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, OC H3A 0C7, Canada

# **Message from the Editor-in-Chief**

Materials (ISSN 1996-1944) was launched in 2008. The iournal covers twenty-five comprehensive biomaterials, energy materials, advanced composites. advanced materials characterization, porous materials, manufacturing processes and systems. nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials. materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. Materials provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

### **Author Benefits**

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases

**Journal Rank:** JCR - Q2 (*Metallurgy & Metallurgical Engineering*) / CiteScore - Q2 (*Condensed Matter Physics*)

#### **Contact Us**