

Special Issue

Nanoclays for Technological Applications

Message from the Guest Editors

Nanoclays possess many interesting properties and, presently, are considered nanomaterials with sustainable features. Composites based on polymers and clay nanoparticles were extensively explored to develop nanocomposite materials with tuned properties and specific functionalities. Recent findings evidenced that polymer/nanoclay systems can be employed in anticorrosive and antimicrobial coating, smart food packaging, drug delivery systems, tissue engineering, reinforced bioplastics, flame retardant. In general, the use of nanoclays can open new sustainable routes removing the cost barrier typical of nanotechnologies. This Special Issue gathers contributions that describe recent studies in nanoclay science for technological applications.

Guest Editors

Prof. Dr. Giuseppe Lazzara

Department of Physics and Chemistry, Università degli Studi di Palermo, 90133 Palermo, Italy

Dr. Pooria Pasbakhsh

Discipline of Mechanical Engineering, School of Engineering, Monash University Malaysia, Bandar Sunway, Selangor 47500, Malaysia

Deadline for manuscript submissions

closed (8 February 2019)



Applied Sciences

an Open Access Journal
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Impact Factor 2.9
CiteScore 6.1



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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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