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Inorganic Layered Compounds

Guest Editor:

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Deadline for manuscript submissions:
closed (30 September 2019)

Message from the Guest Editor

Dear Colleagues,

As Guest Editor, I am pleased to announce this Special Issue, "Inorganic Layered Compounds". From natural clays to synthetic and advanced materials, from the early studies on intercalation reactions to those on sophisticated and tailor-made properties, layered compounds offer a valuable support to researchers and, in turn, to the technological development in many fields.

The ambition of the present issue is to collect contributions from many experts, worldwide, in this field, thus providing an overview of the most recent studies on layered compounds, including synthesis, characterization, reactivity, and applications. The Special Issue will be dedicated to the main classes of layered compounds, among them graphite and graphene, M(IV) phosphates and phosphonates, clays, layered double hydroxides, layered perovskites, transition metal dichalcogenides, but the submission of papers on new layered compounds is also highly appreciated. At the same time, researchers are encouraged to highlight their studies on new synthetic routes, as well as the identification of new properties and innovative applications of layered compounds.

Dr. Monica Pica
Guest Editor

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Editor-in-Chief

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Message from the Editor-in-Chief

Inorganic chemistry remains a lynchpin of modern chemistry, not only embracing the function and reactivity of combinations of most elements of the periodic table, but also providing a footing for studies of materials, catalysts, drugs, fuels and industrial chemicals. Arguably, the role and reach of inorganics in society have never been as great as today. Adventurous research at the heart and at the extremes of inorganic chemistry is vital to further advances and Inorganics offers authors the opportunity to publish exciting new research in an open access format.

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