

Special Issue

Amorphous Silica Nanoparticles and Their Applications

Message from the Guest Editor

The Special Issue will focus on various applications of amorphous silica nanoparticles including colloidal silica, fumed silica, aerosol silica, and porous silica which is nano-sized in nature. Amorphous silica is currently one of the most widely used nano-additives and has a wide range of industrial applications including, but not limited to, rubber and plastics, pulp and paper, coatings, printing, polishing, gelling, friction, flocculation, dispersion, adhesion, anti-soiling, anti-blocking agents, scratch resistance, electronics, construction, catalysts, bio-medicine, pharma, protein absorption and separation, loading, and release and nanocomposites. This Special Issue is open to manuscripts focused on various issues of silica nanoparticle production (formation, morphology control, surface chemistry, and surface functionalization) and applications (current and potential future applications). Research on all type of silica nanoparticles, including basic /pristine, coated, functional, conjugated, fluorescent, and coloured silica nanoparticles, is welcome. However, we will not address crystalline silica nanoparticles at this time.

Guest Editor

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closed (31 January 2020)



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Message from the Editor-in-Chief

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

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