



The 15th Anniversary of *Materials*—Recent Advances in Soft Matter

Guest Editor:

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Message from the Guest Editor

We would like to celebrate the 15th anniversary of the journal ***Materials*** with a Special Issue on the recent advances in soft matter.

As already suggested by their name, soft materials are those that can be stimulated by very small energies of the order of thermal fluctuations, kT. They possess extremely small elastic constants and the respective deforming forces can be mechanical, electric, magnetic, thermal or even optic in nature. Further, soft matter often exhibits the properties of self-assembly and self-organisation. The main representatives of this class of materials are soft polymers, colloidal solids and liquid crystals, but it also includes granular matter, foams, gels, soft interfaces, surfactants and biological macromolecules.

A fundamental understanding of soft matter is of outstanding importance both from an experimental and theoretical point of view, and simulations can be carried out to be able to control, tune, tailor, enhance and predict their properties.





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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced 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.

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