Special Issue

Self-Assembly in Chemistry and Supramolecular Chemistry

Message from the Guest Editors

The main focus of this Special Issue will be to point out the recent research progress on self-assembly in chemistry and supra-molecular chemistry. Interest in nano- and meso-structures from both the theoretical and experimental point of view is necessary to form a common language and knowledge basis for the scientific community. This Special Issue will be an international platform to synergically present the results of the most exciting experimental and theoretical studies in this field. Research articles, with a special emphasis on results obtained in the last five years, are welcome, as well as review articles on emerging fields and commentaries. Potential topics include, but are not limited to:

- Stabilizing agents
- Reactive and compartmentalizing media for nanoparticle synthesis
- Nanoparticles
- Nanostructures
- Liquid crystals
- Liquid membranes
- Novel applications in chemistry
- Modeling and simulation of structure–properties
- Supramolecular ordering
- Drug and gene delivery
- Computational structure optimisation
- Smart materials
- Ferrofluidics
- Magnetorheology
- Electrorheology
- Amphiphiles
- Complex systems

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Deadline for manuscript submissions

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About the Journal

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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