Special Issue

Self-Assembly and Aggregation

Message from the Guest Editors

The self-assembly and aggregation not only retain the physical and chemical properties of the building blocks, but also greatly enhance their properties due to the collective effect caused by self-assembly and aggregation. More importantly, two or more concentrated materials with different properties are compounded into multifunctional composites to achieve applications in different application scenarios. The building blocks here are not limited to molecules, nanoparticles, and biomaterials. This Special Issue not only focuses on the design and construction of self-assembly and aggregation, but also pays more attention to the application of materials in various fields of life, such as medicine, human health, and environmental control. In the field of basic research, more peculiar, novel, and unique multifunctional self-assembly and aggregation are expected to be designed and developed. In the application field, more advanced self-assembly and aggregation with rich design and superior properties are expected to benefit humanity.

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