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Designing Functional Soft Matter via Processing

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Deadline for manuscript submissions:

closed (30 November 2021)

Message from the Guest Editors

Dear Colleagues,

We invite you to submit to this Special Issue of *Processes* focused on "Designing Functional Soft Matter". Functional soft matter, including polymers, liquid crystals, membranes, gels, colloids, and nanomaterials, has attracted a lot of interest because of its fundamental importance and technological applications. By designing structures and processing materials in proper ways, soft materials with user-defined functions can be prepared. This Special Issue seeks novel contributions in, but not limited to, the following areas:

- Design of functional soft matter such as polymers, liquid crystals, membranes, gels, colloids, nanomaterials, etc.
- Simulation, control, and optimization of functional soft matter
- Detailed analysis and characterization of functional soft matter
- Synthesis of functional soft matter
- Processing of functional soft matter
- Functions of soft matter: stimuli-responsiveness, separation, mechanical properties, self-assembly, optical properties, luminescence properties, electronic properties, magnetic properties, and other functions
- Soft matter for practical applications

We look forward to your submissions.











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Message from the Editor-in-Chief

Processes (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

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