

Special Issue

Liquid Crystalline Polymers: Design, Characterization, and Applications

Message from the Guest Editor

This Special Issue is devoted to the design, characterization and application of liquid crystalline polymers (LCPs). LCPs find applications in the food industries, as well as in optics, the medical field, aerospace, and electronics (e.g., printed circuits, fiber optic strength, and conductor reinforcements). LCPs are characterized by their high dielectric strength and elevated temperature resistance, which permits the prevention of current leakage and improves electrical efficiency. In addition, LCPs offer benefits for applications requiring high strength, vibration damping, and low moisture absorption. We are pleased to invite submissions that focus on the design of systems containing LCPs, simulation or characterization of the properties of LCP materials, and the implementation of new ideas.

Guest Editor

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Deadline for manuscript submissions

closed (20 December 2023)



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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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