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Metamaterials and Microfluidics for Sensors and Actuators

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editor

Dear Colleagues,

This Special Issue aims to advance the theoretical and experimental knowledge of metamaterials and, in particular, those involved in the microfluidic platform with diverse sensing and actuation applications.

New chip design configurations associated with these complex materials are expected to be produced and may be especially relevant in biomimetic approaches for biomedical and environmental applications.

Submissions from various disciplines are welcome to set trends for the next generation of efficient sensors and actuators.

Topics include but are not limited to:

- The theoretical and numerical study of wave propagation in metamaterials;
- Space-time variable metamaterials;
- Microfluidics and metamaterials;
- Applications of metamaterial-based devices;
- Biometamaterials.

Best regards,

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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