applied sciences

IMPACT FACTOR 2.474

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Highly Stretchable Electrode Arrays: Development and Applications

Guest Editor:

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Deadline for manuscript submissions:
30 June 2021

Message from the Guest Editor

Dear Colleagues,

Flexible bioelectronics is an emerging and exciting research field with increasing demand for wearable and implantable electrodes that are reliable and compliant to tissue. Enormous effort is being expended on soft and stretchable electrode arrays.

Topics for this Special Issue may include but are not restricted to:

- Key design considerations in terms of geometries, substrates, and adhesion;
- Development of stretchable materials, including substrate and conductive electrode materials;
- Optimization of fabrication methods and strategies;
- Improved characterization methods and theoretical modeling;
- Applications for highly stretchable electrode arrays, including wearables and implantable devices;
- Reliability of devices, including durability, fatigue, long-term performance, and biocompatibility;
- Future directions and novel approaches.

For further reading, please visit the ***Special Issue website.***