



Thin Film Transistors for Flexible Electronics

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Message from the Guest Editor

Dear Colleagues,

Integration of Thin-film transistors (TFTs) onto flexible, stretchable, foldable, and rollable substrate is a challenging task to overcome for flexible electronics applications. Colleagues all over the world are performing extensive research on the flexible substrate material and related TFT engineering to make it compatible with the future electronic application.

There are many issues regarding the design, fabrication, and applications of advanced flexible field effect transistors (oxide, LTPS, LTPO, etc.), and substrate engineering. Also, mechanical strain (stress, stretching, cyclic folding, rolling) induced aging and degradation mechanism is highly important to study. It is my pleasure to invite you to share your expertise in this Special Issue. Full papers, communications, and reviews are all welcome.

Keywords

- flexible transistors
- flexible electronics
- flexible LTPO
- flexible substrate engineering
- solution process TFT
- device modeling
- flexible TFTs for sensor application
- large area flexible electronics





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Message from the Editor-in-Chief

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