

Low temperature printing techniques for fabricating a high-performance flexible device

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Low temperature print process is one of the most important key technologies for flexible and printed electronics to give high device performance and high productivity. Up to the present, we have succeeded in development of low temperature printing process to give high mobility of a printed semiconductor film, high resolution and low resistivity of a printed metal pattern and high dielectric strength of a printed insulator layer. In this talk, some examples of flexible device fabrication using these advanced low temperature printing techniques will be introduced.