Oral Presentation

[FLX1/FMC3] Advanced Materials and Components for Flexible Electronics

Chair: Toshihide Kamata (National Institute of Advanced Industrial Science and Technology)
Co-Chair: Makoto Arai (ULVAC Inc.)

Wed. Nov 27, 2019 5:00 PM - 6:30 PM Room 108 (1F)

6:10 PM - 6:30 PM

[FLX1/FMC3-4] Improvement of the Corrosion Resistance of TCO/Ag/TCO Structure for Transparent Conductive Layer

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Keywords: Transparent conductive layer, TCO/Ag/TCO structure, Ag alloy, Corrosion

The corrosion resistance of TCO/Ag/TCO structure was improved by using new Ag alloy and TCO. These can inhibit corrosion defect which was one of the biggest challenges for practical use. It can be applied to various devices, such as display electrodes, touch sensor and IR cut film.