
Poster Presentation

[OLEDp1]OLED poster

Thu. Nov 28, 2019 10:40 AM - 1:10 PM Main Hall (1F)

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[OLEDp1-16L]Lifetime Improvement of Organic Light-Emitting Diodes Using Cyclo-Olefin Polymer Film as Passivation for Flexible Display

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Keywords:Organic Light-Emitting Diodes, Lifetime, Cyclo-Olefin Polymer, Passivation, Encapsulation

In this study, we have optimized the passivation method of COP film to improve the lifetime and reliability of OLED devices. COP film is suitable as a passivation for flexible displays because of its excellent optical properties, flexibility and gas barrier property. These advantages can replace conventional passivation methods.