

# iMiD 2020

The 20th International Meeting on Information Display  
August 25 - 28, 2020 / Online Conference

**Topic Title:** 10. Emerging Display Technologies

**Session Title:** 04. Emerging Electronics and Optics

[04\_10\_1738] [Invited]

## Ultrathin and Waterproof OLEDs for Flexible Displays

Changmin Keum (Univ. of St Andrews, UK), Caroline Murawski (Univ. of St Andrews, UK and Kurt-Schwabe-Institut für Mess- und Sensortechnik e.V. Meinsberg, Germany), Emily C. Archer, Seonil Kwon, Andreas Mischok (Univ. of St Andrews, UK), and Malte C. Gather (Univ. of St Andrews, UK and University of Cologne, Germany)

[04\_10\_1711]

## Maltose-Ascorbic Acid Electrolyte Based Synaptic Transistors

Wei Qin, Jin Hyeok Lee, Byung Ha Kang, I Sak Lee, Kyungho Park, and Hyun Jae Kim (Yonsei Univ., Korea)

[04\_10\_1232]

## Edge Detection Metalens with Additional Spiral Phase Profiles

Young Jin Kim, Jongwoo Hong, and Byoungho Lee (Seoul Nat'l Univ., Korea)

[04\_10\_1708]

## Enhancement in Photo Sensitivity of MoS<sub>2</sub> Phototransistors by Simple Method of Reduction Treatment with Tannic Acid

Sujin Jung, I Sak Lee, Byung Ha Kang (Yonsei Univ., Korea), Seong In Hong (Sungkyunkwan Univ., Korea), Jusung Chung, Hyukjoon Yoo (Yonsei Univ., Korea), Sunkook Kim (Sungkyunkwan Univ., Korea), Hyun Jae Kim (Yonsei Univ., Korea)

[04\_10\_1709]

## Enhancement of Photosensing Characteristics for IGZO Based Visible Light Phototransistor via PDMS Residues

Kyungho Park, Jin Hyeok Lee, Byung Ha Kang, Jusung Chung, and Hyun Jae Kim (Yonsei Univ., Korea)