

IMiD 2024

The 24th International Meeting on Information Display
August 20-23, 2024 / ICC Jeju, Jeju, Korea

Session Title:	43. Emerging TFT Devices
Session Date:	August 23 (Fri.), 2024
Session Time:	09:00-10:25
Session Room:	Room C (Samda)

[C43-1] [Invited] 09:00-09:25

Vand der Waals Gate Stack Engineering for High-Performance 2D Electronics

Chul-Ho Lee (Seoul Nat'l Univ., Korea)

[C43-2] 09:25-09:40

Unusual Charge Transport Induced by Ion Migration in Sn-Halide Perovskites

Taewan Roh, Huihui Zhu, Wonryeol Yang, Ao Liu, and Yong-Young Noh (POSTECH, Korea)

[C43-3] 09:40-09:55

Visible Light-Stimulated IGZO-Based Optical Synaptic Transistor with ZnON Light Absorption Layer

Kyu Min Kim, Hyung Tae Kim, Sung Min Rho, Sujin Lee, Sun Min Song, Yong Seon Hwang, and Hyun Jae Kim (Yonsei Univ., Korea)

[C43-4] 09:55-10:10

Thermally Evaporated High-Performance Metal-Halide Perovskite P-Channel Transistors

Youjin Reo, Taesu Choi, Taoyu Zou, Ji-Young Go (POSTECH, Korea), Huihui Zhu, Ao Liu (POSTECH, Korea & Univ. of Electronic Science and Tech. of China, China & Northwestern Univ., USA), and Yong-Young Noh (POSTECH, Korea)

[C43-5] 10:10-10:25

Research of Transconductance Modulation Field Effect Transistor based on Tellurium/Indium Gallium Zinc Oxide Heterojunction Structure

Dong Hyun Lee, Somi Kim (Gachon Univ., Korea), Gunhoo Woo (Sungkyunkwan Univ., Korea), Taesung Kim, Yeong Jae Kim (Sungkyunkwan Univ. & Korea Inst. of Ceramic Engineering and Tech., Korea), and Hocheon Yoo (Gachon Univ., Korea)