

The International Display Manufacturing Conference (IDMC 2022)

Best Paper Award Winners

#	Presentation No.	Title of Abstract	Presenting Author
1	Thu-S03-04	Numerical Study of Ideal Subthreshold Characteristics of Amorphous In-W-O Nanosheet Thin-Film Transistor	Wan-Ta Fan
2	Thu-S05-03	Research of High Responsivity Amorphous Indium Zinc Oxide Photo Sensor	Yu-Han Chen
3	Fri-S08-03	Fabricated High Resolution QD Color Conversion Layer via Super-Fine Inkjet Printing for Microdisplay Application	Chen-Te Lin
4	Fri-S09-04	Numerical Analysis for V-Shape Defect and Random Alloy Fluctuation in Red Green and Blue Nitride Based LEDs	Shih-Min Chen
5	Fri-S11-05	Electric-Controllable Achromatic Polarization Rotator	Pei-Ru Chen
6	Fri-S12-02	High External Quantum Efficiency over 80% In Organic Light Emitting Diodes with High-Index Substrates and High Dipole Ratio Emitters	Po-Jui Chen
7	Fri-S12-04	A Complete Exciton Diffusion Model Including Both Singlet and Triplet Behaviors Coupling with Poisson and Drift-Diffusion Solver	Hsiao-Chun Hung
8	Fri-S13-05	Pattern Complex Image to Liquid Crystal Sample by Digital Micro-Mirror Device	Yi-Jyun Ke

The International Display Manufacturing Conference (IDMC 2022)

Distinguished Poster Award Winners

#	Presentation No.	Title of Abstract	Presenting Author
1	P-03-01	Flexible Differential Amplifier Based on a-IGZO TFTs	Pu-Yuan Lin
2	P-03-02	Enhancement of Resistive Switching Characteristics of InWZnO-Based CBRAM with Low Power Consumption	Shu-Wei Chang
3	P-03-05	Metal Contamination Suppression on Nickel-Induced Laterally Crystallized Low-Temperature Polycrystalline Silicon Thin-Film Transistor for High Resolution Display Peripheral Circuits	Yu-Ting Tsai
4	P-05-03	High-Efficiency Blue Fluorescent OLED Based on Pyrene Derivative Host Material	Chieh-An Chen
5	P-05-05	High-Efficiency and Low Roll-Off Red OLEDs Based on Earth-Abundant Cu(I) Complex	Chen-Han Lu
6	P-05-11	Realizing Deep-Red/Near-Infrared Phosphorescent OLED with Iridium(III) Complexes with [-2, -1, 0] Charged Ligands	Hao-Che Kao
7	P-05-14	High-Efficiency Deep-Blue/Ultraviolet Organic Light Emitting Diodes	Jing-Xiang Huang
8	P-06-03	Development of MicroLED Display Using Ion Implantation Technology	Yu-Hsuan Hsu
9	P-06-04	Development of Fine Pitch MicroLED Display Using SpecLED Simulation	Yu-Hsuan Hsu
10	P-10-01	A Highly Stable Full-Color Device for Display and VLC applications	Konthoujam James Singh
11	P-11-01	Polyimide-Free Planner Alignment of Nematic Liquid Crystal on Organic Single-Crystal Rubrene	Pravinraj Selvaraj