

P. Device for Energy 분과

Room B

창의관 (110)

일 시 : 2월 16일(목) 11:20-12:35

세션명 : [TB2-P] Device Characteristics

좌 장 : 김윤기(삼성전자), 강달영(연세대학교)

-
- TB2-P-1 11:20-11:35 **Closed-loop Control for Adaptive Wireless Power Transfer and Charging Applications**
저자: Phi-Thuc Duong and Jong-Wook Lee
소속: Department of Electronics and Radio Engineering, Kyung Hee University
- TB2-P-2 11:35-11:50 **Increasing Interfacial Fixed Charge at Al₂O₃/Si using High Pressure Oxygen Annealing for Solar Cell Application**
저자: Sakeb Hasan Choudhury¹, Sharif Md. Sadaf², and Hyunsang Hwang^{1,2}
소속: ¹Department of Nano-bio Materials and Electronics, Gwangju Institute of Science and Technology, ²School of Materials Science and Engineering, Gwangju Institute of Science and Technology
- TB2-P-3 11:50-12:05 **Organic-inorganic Hybrid Multilayer Transparent Cathode for P3HT:PCBM Solar Cells**
저자: Gwan Ho Jung, Kihyon Hong, Wan Jae Dong, Juyoung Ham, and Jong Lam-Lee
소속: Division of Advanced Materials Science and Department of Materials Science and Engineering, Pohang University of Science and Technology
- TB2-P-4 12:05-12:20 **Measurement of Seebeck Coefficients in Silicon Nanowire Thermoelectric Device with CMOS Top-down Process**
저자: Jaehyeon Kim^{1,2}, Younghoon Hyun¹, Youngsam Park¹, Wonchul Choi^{1,3}, Taehyoung Zyung¹, and Moongyu Jang^{1,2}
소속: ¹NT Research division, Electronics and Telecommunications Research Institute, ²Department of Advanced Device Technology, UST, ³Department of Electrical Engineering, KAIST

TB2-P-5 12:20-12:35 P3HT 나노 섬유 구조를 이용한 이층 박막 유기 태양전지
저자: 송지연, 이동구, 김준영, 송형준, 고영준, 이창희
소속: 서울대학교 전기정보공학부, 반도체공동연구소