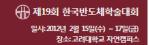
Semiconductor for Smart Living Technologies

The 19th Korean Conference on Semiconductors



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

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제19회 한국반도체학술대회

The 19th Korean Conference on Semiconductors

일사: 2012년 2월 15일(수) ~ 17일(금) 장소: 고려대학교 자연캠퍼스

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