



2020년 2월 14일(금), 09:00~10:30

Room I (하트 II, 6층)

P. Device for Energy (Solar Cell, Power Device, Battery, etc.) 분과

[F11-P] Low Dimensional Materials: Peorpterties and Energy Device Applications

F11-P-1 09:00~09:15	Improved Thermoelectric Properties of Silicon Nanowire with Silicide Layer Hyeongseok Yoo ¹ , Seungho Lee ² , and Chang-Ki Baek ^{1,2} ¹ Department of Creative IT Engineering, POSTECH, ² Department of Electronic Engineering, POSTECH
F11-P-2 09:15~09:30	Conversion of WO₃ Thin Film into Self-crosslinked Nanorods for Large Scale Ultra-violet Detector Youngho Kim and Hak Ki Yu Department of Materials Science and Engineering & Department of Energy Systems Research, Ajou University
F11-P-3 09:30~10:00	[초청] Multifaceted Role of Graphene as the Transparent Flexible Conductor Donghwan Koo, Gyujeong Jeong, Sungwoo Jung, Jihyung Seo, Yunseong Choi, Junghyun Lee, Sang Myeon Lee, Yongjoon Cho, Mingyu Jeong, Jungho Lee, Jiyeon Oh, Changduk Yang, and Hyesung Park UNIST
F11-P-4 10:00~10:30	[초청] Electrical Properties of 2D Materials Van der Waals Heterostructures Young-Jun Yu Chungnam National University