

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

2020년 2월 14일(금), 10:45-12:30 / Room I (하트 II, 6층)

■ [F12-P] Next Generation Battery Devices

좌장: 이상한 교수 (GIST), 류학기 교수 (아주대학교)

F12-P-1 10:45-11:15	[초청] Sodium Metal Batteries for Grid-Scale Energy Storage Young Soo Yun <i>KU-KIST Graduate School of Converging Science and Technology, Korea University</i>
F12-P-2 11:15-11:45	[초청] Design of High-performance Li-Chalcogen (Sulfur/Selenium) Batteries Using in situ Electrochemical Surface Treatment Techniques Seungmin Lee, Hwon-gi Lee, Haeun Lee, and KwangSup Eom <i>School of Materials Science & Engineering, GIST</i>
F12-P-3 11:45-12:00	Atomic-Layer-Deposited LiC_6O_2 and LiV_2O_5 Thin Film Cathodes on 3D Structure for High Power Density Micro-Batteries Kyu Moon Kwon, Dae Woong Kim, Minji Lee, Seong Hwan Hong, and Tae Joo Park <i>Department of Materials Science and Chemical Engineering, Hanyang University</i>
F12-P-4 12:00-12:15	Ultra-thin Li-La-Zr-O Coating on NCM Powder for All-solid-state Battery via Atomic Layer Deposition with Specially Designed Rotary Reactor Minji Lee, Dae Woong Kim, Kyu Moon Kwon, Seong Hwan Hong, and Tae Joo Park <i>Department of Materials Science and Chemical Engineering, Hanyang University</i>
F12-P-5 12:15-12:30	Atomic-layer-deposited LiPON Thin Film Electrolytes for High Power Density All-solid-state Batteries Seong Hwan Hong, Dae Woong Kim, Minji Lee, Kyu Moon Kwon, and Tae Joo Park <i>Department of Materials Science and Chemical Engineering, Hanyang University</i>