



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

2021년 1월 28일(목), 09:00-10:30 / 채널 C

[TC1-P] High Performance Energy Materials and Devices

좌장: 류학기 교수 (아주대학교), 이철호 교수 (고려대학교)

<p>TC1-P-1 09:00-09:15</p>	<p>Transparent Flexible Electromagnetic Shielding Film Using ITO Nanobranches by Internal Multi-Reflection Youngho Kim^{1,2} and Hak Ki Yu^{1,2} ¹<i>Department of Materials Science and Engineering, Ajou University,</i> ²<i>Department of Energy Systems Research, Ajou University</i></p>
<p>TC1-P-2 09:15-09:30</p>	<p>Terracing α-Mo₂C Electro catalyst for pH-Universal Hydrogen Evolution Reaction Jangwon Bang, In Kyu Moon, and Jungwoo Oh <i>School of Integrated Technology, Yonsei University</i></p>
<p>TC1-P-3 09:30-09:45</p>	<p>Enhancing Solar Water-Splitting Performance Using Ultrathin LaAlO₃ Polar Interlayer Min-Ju Choi, Taemin Ludvic Kim, Tae Hyung Lee, Woonbae Sohn, and Ho Won Jang <i>Seoul National University</i></p>
<p>TC1-P-4 09:45-10:00</p>	<p>Hetero-junction Metal Oxide Coated ITO Nano-branches for Gas Sensors Noeul Kim^{1,2} and Hak Ki Yu^{1,2} ¹<i>Department of Energy Systems Research, Ajou University,</i> ²<i>Department of Materials Science and Engineering, Ajou University</i></p>
<p>TC1-P-5 10:00-10:15</p>	<p>NiFe Layered Double Hydroxides on n-Si, Stabilized by Activated TiO₂ Interlayer for Efficient Photoanode Sungkyun Choi and Ho Won Jang <i>Seoul National University</i></p>
<p>TC1-P-6 10:15-10:30</p>	<p>Direct Synthesis of Molybdenum Phosphide Nanorods on Silicon Using Graphene at the Heterointerface for Efficient Photoelectrochemical Water Reduction Sang Eon Jun and Ho Won Jang <i>Research Institute of Advanced Materials, Seoul National University</i></p>