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## SCI Journals

Total: 3/4

1. [Haram Lee](#), Sang Jun Park, Chung Wung Bark, Hyung Wook Choi  
**Improved Characteristics of a Perovskite Solar Cell by the Annealing Process and UV Irradiation on the TiO<sub>2</sub> Layer**  
Jpn. J. Appl. Phys. 58 (SB), S8BF11

2. [Haram Lee](#), Chung Wung Bark, Hyung Wook Choi  
**Fabrication and Characterization of Perovskite Solar Cells with ZnGa<sub>2</sub>O<sub>4</sub> mixed TiO<sub>2</sub> Photoelectrode**  
Jpn. J. Appl. Phys. 58 (SD), SDDE15

3. [Haram Lee](#), Ji Yong Hwang, Hyung Wook Choi  
**Characteristics of ZnGa<sub>2</sub>O<sub>4</sub> coated Solar Cells and their functions as UV-C Sensors**  
Jpn. J. Appl. Phys. 59 (SG), SGGE07

## International Conferences

Total: 3/5

1. [Haram Lee](#), Ji Yong Hwang, Hyung Wook Choi  
**Characteristics of Perovskite Solar Cell with UV Down-shifting layer and function as an Arc detector**  
SSDM 2019, Nagoya Univ., PS-5-10 (2019.09.02-2019.09.05)

2. [Haram Lee](#), Chung Wung Bark, Hyung Wook Choi  
**Fabrication and Characterization of Perovskite Solar Cells with ZnGa<sub>2</sub>O<sub>4</sub> Mixed TiO<sub>2</sub> Photoelectrode**  
MNC 2018, Sapporo Park Hotel, 15P-7-41 (2018.11.13-2018.11.16)

3. [Haram Lee](#), Chung Wung Bark, Ji Hyeon Kim, Hyung Wook Choi  
**Fabrication and Effect of Perovskite Solar Cells by Spray Process**  
ISPlasma 2018, Meijo Univ., 07P39 (2018.03.04-2018.03.08)

## Domestic Conferences

1.

## Technical Papers

1.

## Patents

1.

