

Chang Hyun Song



Address:

Email:

ch.song@lgdisplay.com

Phone:

+82-10-7678-5241

Personal Data

- **Birth:** 28th Feb 1988, in Korea
- **Nationality:** Korea

Education

Mar. 2016 ~ **LG Display**
Present

Mar. 2014 ~ **Korea University**

Feb. 2016 Department of Electrical and computer Engineering

Thesis: Photoenhanced Patterning of Metal Nanowire Networks for Fabrication of Ultraflexible Transparent Device

Master of Engineering in Electrical Engineering

Advisor: Prof. Byeong-Kwon Ju

Mar. 2006 ~ **Korea Aerospace University**

Aug. 2013 School of Materials Engineering

Publications (SCI ONLY)

0. **Chang-Hyun Song**, Chul Jong Han, Byeong-Kwon Ju*, Jong-Woong Kim*, "Photoenhanced Patterning of Metal Nanowire Networks for Fabrication of Ultraflexible Transparent Devices", Applied Materials&Interfaces, 8, 480-489 (2016)
1. **Chang-Hyun Song**, Ki-Hoon Ok, Chan-Jae Lee, Youngmin Kim, Min-Gi Kwak, Chul Jong Han, Namsu Kim, Byeong-Kwon Ju*, Jong-Woong Kim*, "Intense-pulsed-light irradiation of Ag nanowire-based transparent electrodes for use in flexible organic light emitting diodes", Organic Electronics, Vol.17, 208-215, 2015.01
2. Youngmin Kim, ‡ **Chang-Hyun Song**, ‡ Min-Gi Kwak, a Byeong-Kwon Ju* and Jong-Woong Kim, "Flexible touch sensor with finely patterned Ag nanowires buried at the surface of a colorless polyimide film", RSC Adv, 2015, 5, 42500
3. **Chang-Hyun Song**, Youngmin Kim, Byeong-Kwon Ju*, Jong-Woong Kim*, " Preparation of core – shell microstructures using an electroless plating method ", Materials and Design, 89, 1278-1282 (2015)