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SCI Journals

Total: 1/4

- Soojin Kim, Chulmin Kim, **Young Hyun Hwang**, Seungwon Lee, Minjung Choi, and Byeong-Kwon Ju*
"Carrier-type modulation of tungsten diselenide (WSe₂) field-effect transistors (FETs) via benzyl viologen (BV) doping"
Chemical Physics Letters, 138453 (2021)
- Yooji Hwang†, **Young Hyun Hwang**†, Kwang Wook Choi, Seungwon Lee, Soojin Kim, Soo Jong Park, Byeong-Kwon Ju*
"Highly stabilized flexible transparent capacitive photodetector based on silver nanowire/graphene hybrid electrodes"
Scientific Reports 11, 10499 (2021)
- Cheol Shin, Seungwon Lee, Kwang Wook Choi, **Young Hyun Hwang**, Young Wook Park, Byeong-Kwon Ju*
"Random rubbed structure for enhanced light extraction in organic light-emitting diodes"
Journal of Luminescence 243 (2022): 118670.
- Cheol Shin, Seungwon Lee, Kwang Wook Choi, **Young Hyun Hwang**, Young Wook Park, Byeong-Kwon Ju*
"Enhancing the optical performance of organic light-emitting diodes using nanoscale random rubbed structure"
Nano materials and Nanotechnology 12 (2022): 18479804221132983.

International Conferences

Total: 0/1

- Sang Ho Shin, **Young Hyun Hwang**, ByeongWoo Kang, Byeong-Kwon Ju*
"Chemical-free nanotransfer printing with Wafer-Scale Uniformity and
Asia-Korea Conference 2022 (AKC 2022), Technical Programs, Energy and Environment, Oral session

Domestic Conferences

Total: 2/4

- Young Hyun Hwang**, Kwang Wook Choi, Younguk Choi, Byeong-Kwon Ju*
"Flexible and Transparent AgNW/SiNM Schottky barrier diodes for light"
THE KOREA SENSORS SOCIETY FALL CONFERENCE 2020, GANGNEUNG, P2-31 (2020.11.11-2020.11.13)
- Young Hyun Hwang**, Young Jun Nah, Seungwon Lee, Minjeong Choi, Byeong-Kwon Ju*
"One port Vector Network Analysis using ceramic substrates"
2021 FALL MEETING OF THE KOREAN CERAMIC SOCIETY, JEJU, PG4-40 (2021.11.03-2021.11.05)
- Seungwon Lee, Minjeong Choi, **Young Hyun Hwang**, and Byeong-Kwon Ju*
"Design of hollow micro-cavity structure for light extraction enhancement"
2021 FALL MEETING OF THE KOREAN CERAMIC SOCIETY, JEJU, PG4-37 (2021.11.03-2021.11.05)
- Minjeong Choi, **Young Hyun Hwang**, Seungwon Lee, and Byeong-Kwon Ju*
"Dual-scale Ag fiber/IZO hybrid conducting film applicable in flexible transparent electrodes"
2021 FALL MEETING OF THE KOREAN CERAMIC SOCIETY, JEJU, PG4-22 (2021.11.03-2021.11.05)

Technical Papers

Total: 2/2

- 황영현**, 김수진, 전아현, 나영준, 주병권*
"저전력 소형화 메모리 시대 여는 차세대 메모리 MRAM과 MTJ 특성 계측하기"
전자과학 No. 744, p. 60-69 (2021.05)
- 김용진, 강병우, **황영현**, 강역은, 주혜린, 주병권*
"MRAM의 어닐링과 고온 계측"
전자과학 p. 46-54 (2022.07)

Patents

Total: 0/2

- 이승원, 박준영, 주병권, 박재원, **황영현**, 이영탁, 이재영, 황하
"발광 소자 및 이를 포함하는 표시 장치"
10-2022-0055671 (2022.05.04)
- 이승원, 주병권, 박재원, 박준영, **황영현**, 이영탁, 이재영, 황하
"발광 소자 및 이의 제조 방법"
10-2022-0068208 (2022.06.03)