P1601_0889 Efficient Dual Exciplex Emitting Layer for White Organic Light-Emitting Diodes
Hyun Jung Bae(Kongik University), Song Eun Lee(Hongik University), Ho Won Lee(Hongik University), Tae-Joon Yoon(Hongik University), Su Jin Jeong(Sungkyun Kwan University), Soong Soo Yoon(Sungkyun Kwan University), Youn Kwan Kim(Hongik University)

P1601_0894 Complex field measurement on metasurfaces via digital off-axis holography
Yohan Lee(Seoul National University), Juunepo Kim(Seoul National University), Jaebum Cho(Seoul National University), Byoungho Lee(Seoul National University)

P1601_0896 Polarization multiplexed hologram via broadband metasurfaces
Gun-yeol Lee(Seoul National University), Juunseop Kim(Seoul National University), Byoungho Lee(Seoul National University)

P1601_0903 Sensitive Detection of Optical Activity using Plasmonic Nanoparticles
Tae-Hyun Kim(Korea University), Seok Joo Yoo(Korea University), Q-Han Park(Korea University)

P1601_0929 Photoluminescence signal transfer of Organic Hybrid of Rubrene Micorods and Gold Nanoparticles: Applications Ultra-sensitive Remote Bio-sensing
Hyung Suk Hwang(Korea University), Soong Gi Jo(Korea University), Joo Bok Lee(Sungkyun Kwan University), Jeongyong Kim(Sungkyun Kwan University), Joo(Korea University)

P1601_0930 Signal Transfer Characteristics of Raman and Surface Enhanced Raman Scattering (SERS) of Organic Crystalline Micorod
Soong Gi Jo(Korea University), Jinsang Kim(University of Michigan), Jeongyong Kim(Center for Integrated Nanostructure Physics (CINAP), Institute for Basic Science (IBS), Sungkyun Kwan University), Jinsoo Joo(Korea University)

P1601_0941 Resistive switching characteristics in MnO nanoparticle assembly and Ag2Se thin film devices
Chi Jung Kang(Myongji University), Quan Li Hu(Myongji University), Tae Sung Lee(Myongji University), Nam Joo Lee(Myongji University), Yawar Abbas(Myongji University), Haider Abbas(Myongji University), Mi Ra Park(Myongji University), Tae-Sik Yoon(Department of Materials Science and Engineering)

P1601_0976 Silver nanowire flexible, transparent, conductive film using plasticized polymer interlayer for low temperature process
Won-hee Cho(Korea Advanced Institute of Science and Technology(KAIST)), Hee-tak Kim(Korea Advanced Institute of Science and Technology(KAIST))

P1601_1001 Micro Silicon lens process by using dry etching and thermal reflow for Optical interconnection
Tae-Won Ha(Korea Institute of Industrial Technology (KITECH)), Gil Seok Heo(Korea Institute of Industrial Technology (KITECH)), Eun-Mi Kim(Korea Institute of Technology(KITECH)), Young-Hoon Kim(Chonnam National University), Young-Baek Kim(Korea Institute of Industrial Technology (KITECH))

P1601_1012 Fabrication of SiO2/SiNx Double-Layer Antireflection Coating by Using Spin Coating
Jaeho Choi(Chonbuk National University), In Sung Jung(Chonbuk National University), Jong-Il Kim(Chonbuk National University)

P1601_1014 Properties of an asymmetric double barrier device using resonant tunneling and charging effects for nonvolatile memory application
Seong-gon Song(University of Seoul), Kyongsun Park(University of Seoul), Kyomin Kim(University of Seoul), Kyunho Jung(University of Seoul), Junghyun Soo(University of Seoul)

P1601_1017 Efficient atomic simulation of InAs ultra-thin body tunnel FETs based on the TB-NIEGF method
Woo Jin Jeong(Korea Advanced Institute of Science and Technology (KAIST), Mincheol Shin(Korea Advanced Institute of Science and Technology (KAIST))

P1601_1023 Magnetoo-switching device by impact ionization in non-magnetic semiconductor
Tae-yueb Kim(Korea University), Jinho Hong(Korea University), Sung-Jung Joo(Korea Research Institute of Standards & Science (KRISS)), Hyun Chul Koo(Korea Institute of Science and Technology (KIST)), Jin Dong Song(Korea Institute of Science and Technology (KIST)), Jeongyeon Chang(Korea Institute of Science and Technology (KIST))

P1601_1024 Origin of environmentally benign mechanoluminescence from micro-sized phosphor embedded in elastomer film
Jeong Pyo Oh(Chonnam National University), Bin Chang(Korea Institute of Industrial Technology(KIT)), Jeong Ju Wook(Chonnam National University), Gi-Seok Heo(Korea Institute of Industrial Technology(KIT))

P1601_1025 Fabrication and characterization of the VCSEL-on-silicon
Myung-Joon Kwack(Electronics and Telecommunications Research Institute (ETRI)), Ki Seok Jang(Electronics and Telecommunications Research Institute (ETRI)), Jiho Joo(Electronics and Telecommunications Research Institute (ETRI)), Hyundal Park(Electronics and Telecommunications Research Institute (ETRI)), Jin Hyuk Oh(Electronics and Telecommunications Research Institute (ETRI)), Sangki Kim(Electronics and Telecommunications Research Institute (ETRI)), Kyunguk Kim(Electronics and Telecommunications Research Institute (ETRI))