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- Korean Graphene Society
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Po-Na17-002
Investigation of attenuation properties of cryogenic metal powder filters depending on the preparation methods
Sung Hoon Lee*, Seon-Gul Lee**
(*Institute for Basic Science, **Korea University)

Po-Na17-003
Characterization of free-standing nano-membranes using ellipsometry
Sungmo Park, Changho Lee, Min-Su Kim, Jin-Goo Park, Jinho Ahn, Iljin An
(Hanyang University)

Po-Na17-004
Sol-gel derived ZnO thin films for white solid-state lighting
Mirgender Kumar, Si-Hyun Park
(Youngnam University)

Po-Na17-005
A Study on Dielectric Functions of Bi1.85Sb1.15Te3 by Spectroscopic Ellipsometry from 28 to 300K
(*Kyung Hee University, **Sogang University)

Po-Na17-006
Preparations and Luminous Properties of Bragg Stack Porous Silicon Nanowires
Daeyoung Jung, Honglae Shin
(Doshan University)

Po-Na17-007
Effect of E-glass fiber on the ethanol sensing characteristics of LaFeO3 nanoparticle-based thick film sensors
Ensi Cao,*, Yuqing Yang**, Yangjia Zhang**, Nguyen Hao Hong**
(*Shantou National University, **Taizhou University of Technology)

Po-Na17-008
Nonlinear optical characteristics of the hybrids of MoS2 and CaPbBr3 perovskite quantum dots and application to optoelectronic devices
Taeho Noh*, Jeongyong Kim**, Xuecheng Teng***, Kwangsup Loo***, Jinsoo Joo*
(*Korea University, **Sungkyunkwan University, ***Hannam University)

Po-Na17-009
Ellipsometric study on dielectric function of GaAsSb alloy films
Tan Jung Kim*, Han Gyeol Park*, Van Long Le*, Hoang Tung Nguyen*, Dohyung Kim*, Jim Dong Song**, David E. Aspnes***, Young Dong Kim*
(*Kyung Hee University, **Korea Institute of Science and Technology, ***North Carolina State University)

Po-Na17-010
Optoelectronic characteristics of visible light-emitting diodes based on vertically integrated graphene barrier varactors
Jiawen Choi*, Nam-Dong Kim**, Gunuk Wang*
(*Korea University, **Korea Institute of Science and Technology)

Po-Na17-011
Manufacturing and characterization of poly(lactic acid)/halloysite nanotube composites with improved thermal properties
Bo Ran Lee*, Si-Hoon Jang*, Hyeun Woo Kim**, No-Hyang Park*
(*Korea Institute of Industrial Technology, **Hanyang University)

Po-Na17-012
Photothermal characteristics and field-effect transistors of the hybrids of organic semiconducting rubrene and perovskite CsPbBr3 quantum dots
Jongwon Youn*, Jeongyong Kim**, Xuecheng Teng***, Kwangsup Loo***, Jinsoo Joo*
(*Korea University, **Sungkyunkwan University, ***Hannam University)

Po-Na17-013
Piezopotential-Programmed Multi-Level Nonvolatile Memory as Triggered by Mechanical Stimuli
Qijun Sun
(Beijing Institute of Nanoenergy and Nanosystems, CAS)

Po-Na17-014
Zero-bias Conductance Peak in InAs Nanowire Contacted with Superconducting PbIn Electrodes
Nam-Hee KIM*, Yun-Sok SHIN**, Hong-Sook KIM*, Jim-Dong Song**, Yong-Joo Doh*
(*Gwangju Institute of Science and Technology, **Sejong Academy of Science and Arts, ***Korea Institute of Science and Technology)