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P1502_817  Photoresponsive characteristics of the hybrids of MoS2 nanosheets deposited with Au
Jun Young Kim(Korea University), Jinsoo Joo(Korea University)

P1502_818  Hybrid nanorods of rubrene and gold nanoparticles: Enhanced photoluminescence and optical waveguiding properties
Hyungseok Hwang(Korea University), Jinsoo Joo(Korea University)

P1502_837  DNA origami design framework for plasmonics
YoungJoo Kim(Seoul National University), ChanSeok Lee(Seoul National University), JaeYoung Lee(Seoul National University), Do-Nyun Kim(Seoul National University)

P1502_864  Roll-to-roll fabrication of stacked graphene metamaterials for electromagnetic waves
Bongkyun Jang(Korea Institute of Machinery and Materials (KIMM)), Jae-Hyun Kim(Korean Institute of Machinery and Materials (KIMM))

P1502_872  Photovoltaic performance-enhancing biomimetic PDMS anti-reflection film
Yong H. Ghym(Korea Institute of Science and Technology (KIST)), Il Ki Han(Korea Institute of Science and Technology (KIST)), Hyungduk Ko(Korea Institute of Science and Technology (KIST))

P1502_891  Fabrication and optical characterization of Si nanopillar arrays for high performance optoelectronic device applications
Eunah Kim(Seoul National University), Yunae Cho(Seoul National University), Ahn Ho(Seoul National University), Hyeong-Hee Park(Korea Advanced Institute of Technology (KAIST)), Joondong Kim(Incheon National University), Dong-Wook Kim(Seoul National University)

P1502_904  A Highly Miniaturized Acoustic Metamaterial Sensor
Kyungjin Song(Korea Institute of Machinery and Materials (KIMM)), Shin Hur(Korea Institute of Machinery and Materials (KIMM)), Jeok Kim(Pukyong National University), Kyungjin Song(Korea Institute of Machinery and Materials (KIMM))

P1502_936  Synthesis of Graphene Oxide Sheet/Bl2Te3 Nanocomposite Powders from Ag Nanocrystals-decorated Graphene Oxide
Yeong Seong Eom(Korea Institute of Materials Science (KIMS)), Jae Yeol Woo(Korea Institute of Materials Science (KIMS)), Kyung Teo Kim(Korea Institute of Materials Science (KIMS))

P1502_953  Printing color using resonant scattering of dielectric nanoparticles
Seok hyeon Hong(Chung-Ang University), Tae-Woo Lee(Chung-Ang University), Soon-hong Kwon(Seoul National University)

P1502_957  Predicting mechanical flexibility of DNA origami nanostructures for plasmonic applications
Chanseok Lee(Seoul National University), Jae Young Lee(Seoul National University), Young Joo Kim(Seoul National University), Do-Nyun Kim(Seoul National University)

P1502_958  Design of a small bandpass filter based on composite right/left-handed metamaterial
Dong-Uk Sim(Electronics and Telecommunications Research Institute (ETRI)), Sang-il Kwak(Electronics and Telecommunications Research Institute (ETRI)), Jong-Hwa Kwon(Electronics and Telecommunications Research Institute (ETRI)), Seong-Ok Park(Korea Advanced Institute of Science and Technology (KAIST)), Dong-Uk Sim(Electronics and Telecommunications Research Institute (ETRI))

P1502_959  Distinctive optical characteristics of wet and dry Si nanopatterns
Sujung Kim(Ewha Womans University), Minji Gwon(Ewha Womans University), Chang Chen(IBM), Dong-Wook Kim(Department of Physics, Ewha Womans University)

P1502_1075  Interfacial coatings for highly luminescent phosphor glass composite plates
Jong-Woo Moon(Korea Institute of Materials Science (KIMS)), Kyung-Tae Kim(Korea Institute of Materials Science (KIMS)), Ho Park(BASS Inc.), Young-Kuk Kim(Korea Institute of Materials Science (KIMS))

P1502_1082  Laser tuning with a dye-doped cholesteric liquid crystal cell by temperature control
Jihun Cha(Gyeongsang National University), Min-Yun Jeong(Gyeongsang National University), Mi-Kum Jeong(Gyeongsang National University)

TS03. Nanomaterials

P1503_004  Preparation of divanillin from lignin biomass and elastine-like peptided for the functional synthesis of polymaterials
Haemin Gang(Seoul National University), Sang-Hyuk Lee(Seoul National University), Ju-Eun Lee(Seoul National University), Jin-Kyoung Cho(Seoul National University), Byung-hee Kim(Seoul National University)