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* 총 39건

P1-ap.107

Graphene nano-electro-mechanical resonator arrays; physical properties and application to radio / JE Yugyeong¹, SHIN DongHoon², LEE Sang-Wook^{*1} (¹Department of Physics, Ewha Womans University,²Kavli Institute of Nanoscience, Delft University of Technology)

P1-ap.108

Monolithic Interface Contact Engineering to Boost Optoelectronic Performances of 2D Semiconductor Photovoltaic Heterojunctions / YANG Seunghoon¹, CHA Janghwan², KIM Jong Chan³, HUH Woong¹, LEE Donghun¹, KIM Yoon Seok¹, LEE Seong Won⁶, PARK Hong-Gyu⁶, JEONG Hu Young⁴, HONG Suklyun², LEE Gwan-Hyoung⁵, LEE Chul-Ho^{*1} (¹Korea University,²Department of Physics, Sejong University,³School of Materials Science and Engineering, UNIST,⁴UNIST Central Research Facilities, UNIST,⁵Department of Materials Science and Engineering, Seoul National University,⁶Department of Physics, Korea University)

P1-ap.123

Domain structure and birefringence of few-layer ReS₂ / PARK Je Myoung¹, NA Woongki¹, CHOI Yun¹, LEE Sol², KIM Kwanpyo², CHEONG Hyeonsik^{*1} (¹Department of Physics, Sogang University,²Department of Physics, Yonsei University)

P1-ap.210

Identification and Classification of Defects in STEM images of MoS₂ using Deep Learning / CHOI Soyeon¹, LEE Yangjin¹, KIM Kwanpyo^{*1} (¹Physics, Yonsei University)

P1-ap.315

Enhancement of Output Performance in relaxor ferroelectric Bi_{0.5}(Na_{1-x}K_x)_{0.5}TiO₃ piezoelectric nanogenerator / BU Sang-Don^{*1}, KIM Eun-Young¹ (¹Department of Physics, Jeonbuk National University)

P1-ap.316

Photogenerated characteristic of Na passivated Cu₂ZnSn(S,Se)₄ thin-film solar cells by Kelvin probe force microscopy / PARK Ha Kyung¹, CHO Yuna¹, KIM Juran¹, JEONG Woo-Lim², KIM Kyung-Pil², LEE Dong-Seon², JO William^{*1} (¹Department of Physics, Ewha Womans University,²School of Electrical Engineering and Computer Science, Gwangju Institute of Science and

Technology (GIST))

P1-ap.408

Structural and Optical Characterization of Mechanochemically Synthesized Cs-based Perovskites / BAEK Kyeong-Yoon¹, LEE Woocheol¹, LEE Jeongjae², LEE Jonghoon¹, AHN Heebeom¹, KIM Junwoo¹, KANG Keehoon^{*1}, LEE Takhee^{*1} (¹Department of Physics and Astronomy, Seoul National University,²School of Earth and Environmental Sciences, Seoul National University)

P1-ap.414

Realization of Sub-2nm Molecular Selector for Next-generation Memory Application / EO Jung Sun¹, SHIN Jaeho¹, WANG Gunuk^{*1} (¹KU-KIST Graduate School of Converging Science and Technology, Korea University)

P1-ap.502

PEDOT:PSS mixed with inorganic V₂O₅ as hole injection layer for efficient quantum-dot light-emitting diodes / SHIN Jae Seung¹, KIM Tae Yeon¹, HEO Su Been¹, HONG Jong-Am², PARK Yongsup², KANG Seong Jun^{*1} (¹정보전자신소재공학과, Kyung Hee University,²Department of Physics, Kyung Hee University)

P1-ap.515

Observation of second-order interference beyond the coherence time with true thermal photons / LEE Gyu-Hyeok^{*1}, IHN Dong-Gil¹, KIM Yosep¹, KIM U-Shin¹, KIM Yoon-Ho¹ (¹Physics, POSTECH)

P1-as.001

A cosmic cloud system for the ISS-CREAM data analysis / KIM Hong Joo^{*1}, SEO Eun Suk², JEGAL Jin¹, JEONG Dong Woo¹, KANG Sin Chul¹ (¹Department of Physics, Kyungpook National University,²Department of Physics, University of Maryland)

P1-at.004

MTS를 이용한 양자중력계용 다이오드 레이저의 주파수 고안정화 / 이상록^{1,2}, 이상범¹, 박상언¹, 홍현규¹, 서상원¹, 허명선¹, 문 걸^{*2}, KWON Taeg Yong^{*1} (¹Division of Physical Metrology, KRISS,²Department of Physics, Chonnam National University)

P1-bp.009

Exonuclease-independent mismatch repair in a cell free system / YANG KeunSang¹, LEE Ryanggeun², LEE Jong-Bong^{*1,2} (¹School of Interdisciplinary Bioscience and Bioengineering, POSTECH,²Physics, POSTECH)

P1-bp.012

The role of beta-actin mRNA localization in single dendritic spines studied by two-photon glutamate uncaging / SHIM Jae Yoon¹, LEE Byung Hun¹, MOON Hyungseok C.¹, PARK Hyeyoon

^{*1} (1Department of Physics and Astronomy, Seoul National University)

P1-co.109

Two-dimensional Fe₃GeTe₂: strain effect on magneto-crystalline anisotropy / KIM G. Hye¹, AIN

Qurat Ul¹, HONG SoonCheol¹, RHIM Sonny^{*1} (1Department of Physics, University of Ulsan)

P1-co.117

Oxygen Vacancy Engineering for Highly Tunable Ferromagnetic Properties: A Case of SrTiO₃ Ultrathin Film with a SrTiO₃ Capping Layer / KO Eun Kyo^{1,2}, MUN Junsik³, LEE Han Gyeol^{1,2}, KIM

Jinkwon^{1,2}, SONG Jeongkeun^{1,2}, CHANG Seo Hyung⁴, KIM Tae Heon⁵, CHUNG Suk Bum^{6,7,8}, KIM Miyoung³, WANG Lingfei^{1,2,9}, NOH Tae Won^{*1,2} (1Department of Physics and Astronomy, Seoul National University, 2Center for Correlated Electron Systems, Institute for Basic Science (IBS), 3Department of Materials Science and Engineering and Research Institute of Advanced Materials, Seoul National University, 4Department of Physics, Chung-Ang University, 5Department of Physics and Energy Harvest Storage Research Center (EHSRC), University of Ulsan, 6Department of Physics, University of Seoul, 7Natural Science Research Institute, University of Seoul, 8School of Physics, Korea Institute for Advanced Study, 9Hefei National Laboratory for Physical Sciences at Microscale, University of Science and Technology of China)

P1-co.207

Observation of Kondo lattice behavior in an antiferromagnetic metal FeTe / KIM Yoonsik^{1,2},

HUH Soonsang^{1,2}, KIM Jong Hyuk³, CHOI Young Jae³, KIM Changyoung^{*1,2} (1Center for Correlated Electron Systems, Institute for Basic Science, 2Department of Physics and Astronomy, Seoul National University, 3Department of Physics, Yonsei University)

P1-co.309

Bimodal switching current distribution and fractional Josephson effect in topological Josephson junctions / HWANG Tae-Ha¹, KIM Nam-Hee¹, KIM Hong-Seok¹, HOU Yasen², YU Dong

², DOH Yong-Joo^{*1} (1Department of Physics and Photon Science, GIST, 2Department of Physics, UC Davis)

P1-co.407

Hydrogen evolution reaction of AgTe / KIM Heeju¹, KIM Gunn^{*2} (1Department of Physics, Sejong

University, 2Department of Physics and Astronomy, Sejong University)

P1-nu.001

Detailed study of string shoving model in PYTHIA8 / JI SuJeong ^{*1}, LIM Sanghoon ¹, KIM Eun-Joo ², KIM Junlee ² (¹Department of Physics, Pusan National University,²Department of Physics, Jeonbuk National University)

P1-nu.003

Status report of a prototype BDC for the LAMPS system at the RAON / MOON Dong Ho ^{*1}, HWANG Jaein ², GWAK Piljun ¹, KIM Hyunchul ¹, HWANG Sanghoon ³, SEO Junhu ¹ (¹Physics Department, Chonnam National University,²Department of Physics, Korea University,³Department of Physics, KRISS)

P1-op.006

Angle-insensitive reflective structural color filters creating additive colors / JUNG Incheol ¹, KWAK Hojae ¹, KIM Hyeonwoo ¹, JEON Jisoo ¹, LEE Kyu-Tae ^{*1} (¹Department of Physics, Inha University)

P1-op.007

고출력 백색광원용 세라믹 형광체 플레이트의 기공 크기에 따른 발광 분포 및 효율 분석 / KIM Kyuheon ¹, JUNG Gunwoo ¹, JEONG Wonchae ¹, JEON Boram ¹, KIM Jaesun ¹, SUNG Yujin ¹, MOON Youngboo ², SONG Jung Hoon ^{*1} (¹Kongju National University,²UJL, (주)UJL)

P1-pa.111

Unfolding Weyl invariants / KIM Yujin ^{*1} (¹Kyung Hee University)

P1-pa.202

Deep Learning For Low Energy Noise Rejection From COSINE-100 Data / LEE Seung Mok ^{*1}, KO Young Ju ², LEE Hyun Su ², KIM Kyoung Won ², KIM Sun Kee ¹, CHOI Jaejin ¹, JOO Han Wool ¹ (¹Department of Physics & Astronomy, Seoul National University,²Center For Underground Physics, IBS)

P1-pa.205

Design of target and background study for a magnetic monopole experiment / LEE Junghyun ^{*1}, LEE Sehwook ¹, HUH Changgi ¹, YE Ryonghae ¹ (¹Kyungpook National University)

P1-pl.108

Gas cell development for laser plasma acceleration by using fs-laser machining / KIM Hyunil Benjamin ¹, KIM JinJu ¹, PHUNG LING JEN Vanessa ¹, PARK JunGyu ¹, ROH KyungMin ¹, KANG KeeKon ¹, SUK Hyyong ^{*1} (¹Dept. of Physics and Photon Science, GIST)

P1-pl.119

저주파에서 발생하는 대기압 플라즈마 젯의 기초 진단 및 액체 내 활성 종들의 변화 / BAE JINHEE¹, LEE JAESUN¹, JEONG SOJEONG¹, JOH HEAMIN^{*1}, CHUNG TAEHUN¹ (¹physics, Dong-A University)

P1-pl.213

Geometric effect on profile flattening of magnetic island in Tokamak / TAE Wonjun², YOON Eisung^{*1}, HUR Min Sup² (¹Department of Nuclear Engineering, UNIST,²Department of Physics, UNIST)

P1-pl.216

토카막 플라즈마 진단에 활용되는 분산간섭계의 광정렬 문제를 개선하는 **Single Crystal Dispersion Interferometer(SCDI)의 개발 및 설치** / LEE Dong-Geun¹, LEE Jae-Seok¹, LEE K.C.², JUHN J.-W.², GHIM Young Chul^{*1} (¹KAIST,²Advanced Plasma Research Division, NFRI)

P1-se.124

Unusual optical phonon behaviors in $\text{Ge}_{1-x}\text{Sn}_x$ layers / KIM Young Chan¹, LEE Taegeon¹, RYU Mee-Yi², KOUVETAKIS John³, RHO Heesuk^{*1} (¹Department of Physics, Jeonbuk National University,²Department of Physics, Kangwon National University,³School of Molecular Science, University of Arizona)

P1-se.125

Population dynamics of excitons and biexcitons in a 2D halide perovskite single crystal / NAM Seo hyun¹, YANG Jae hyun², YI Yeon jin², JANG Joon Ik^{*1} (¹Physics, Sogang University,²Department of physics, Yonsei University)

P1-se.126

Anomalous photoluminescence of CVD-grown MoSe_2 monolayer: role of residual promoters and surfactants / KIM Su Jin¹, LEE Hyun Seok^{*1} (¹Department of Physics, Chungbuk National University)

P1-se.214

MoS_2 전자 수송층을 이용한 페로브스카이트 광 다이오드/태양전지 나노 시스템 연구 / KO Jung Sun¹, LEE Won Jun¹, SHIN Dong Hee², KIM Sung¹, CHOI Suk-Ho^{*1} (¹Department of Applied Physics, Kyung Hee University,²Department of Physics, Andong National University)

P1-se.218

Simultaneous Raman and photoluminescence studies of chemically doped two-dimensional MoS_2 layers / LEE Taegeon¹, KIM Hanul¹, KO Hayoung², KIM Soo Min³, RHO Heesuk^{*1}

(¹Department of Physics, Jeonbuk National University,²Department of Energy Science, Sungkyunkwan University,³Department of Chemistry, Sookmyung Women's University)

P1-se.220

Study on Magnetoconductance of Monolayer MoS₂ / KIM Nammee ^{*1}, YOU Suejeong ¹, KIM Heesang ¹, PARK Dae Han¹ (¹Physics, Soongsil University)

P1-st.004

Effects of the self-propulsion parity on the fuel efficiency of an active heat engine / BAEK Yongjoo ^{*1}, OH Yongjae ¹ (¹Department of Physics and Astronomy, Seoul National University)

P1-st.014

Mean-field model for real epidemic spreading / JEONG Dong Ryeol ², YOOK Soon Hyung ^{*1} (¹Department of Physics, Kyung Hee University,²Department of Applied Bigdata Systems Engineering, Kyung Hee University)

P1-te.005

공간을 전파하는 음파의 횡적 파형 측정 / KIM Sohee ¹, PARK Jongha ¹, CHO Joonghyun ¹, LEE Kiwon ^{*1} (¹Kongju National University)