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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 Hyoung⁴, 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 Younsik^{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 Benjamin¹, 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 젓의 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 Ge_{1-x}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 MoSe₂ monolayer: role of residual promoters and surfactants / KIM Su Jin¹, LEE Hyun Seok^{*1} (¹Department of Physics, Chungbuk National University)

P1-se.214

MoS₂ 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 MoS₂ 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 Namme^{*1}, YOU Suejeong¹, KIM Heesang¹, 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 Yongjae¹ (¹Department of Physics and Astronomy, Seoul National University)

P1-st.014

Mean-field model for real epidemic spreading / JEONG Dong Ryeol², 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 Sohee¹, PARK Jongha¹, CHO Joonghyun¹, LEE Kiwon^{*1} (¹Kongju National University)