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(포스터발표 부문)

* 총 49건

P1-ap.107*

Temperature-dependent Moiré ferroelectric domain structures in twisted bilayer WSe_2 / PARK Sang Hwa¹, YUK Ayoung¹, YOO Hyobin¹, YANG Sang Mo^{*1} (¹Department of Physics, Sogang University)

P1-ap.108*

The effect of oxygen plasma on characteristics of monolayer MoS_2 / PARK Ji-Yong^{*1}, PHUNG Quynh Thi¹ (¹Ajou University)

P1-ap.114*

In-situ STEM observation of dynamic changes in the graphene / JEONG Hyunjeong¹, SHIN Donghoon², INANI Heena³, MUSTONEN Kimmo³, MANGLER Clemens³, JE Yugyeong¹, KOTAKOSKI Jani³, LEE Sang-Wook^{*1} (¹Department of Physics, Ewha Womans University, ²Kavli Institute of Nanoscience, Delft University of Technology, Dutch, ³Faculty of Physics, University of Vienna, Austria)

P1-ap.209*

Valence Band Dispersion of the Structural Ground State $CH_3NH_3PbI_3$ Observed by Angle-resolved Photoelectron Spectroscopy / PARK Jeehong^{1,2}, HUH Soon Sang^{3,4}, CHOI Young Woo^{1,2}, PARK Soohyung⁵, CHOI Hyoung Joon^{1,2}, KIM Changyoung^{3,4}, YI Yeonjin^{*1,2} (¹Department of Physics, Yonsei University, ²Van der Waals Material Research Center, Yonsei University, ³Center for Correlated Electron System, Institute for Basic Science, ⁴Department of Physics and Astronomy, Seoul National University, ⁵Advanced Analysis Center, Korea Institute of Science and Technology)

P1-bp.019*

Strand displacement in Human DNA mismatch repair by polymerase delta / YANG Keunsang¹, HAMDAN Samir M.^{*3}, FISHEL Richard^{*4}, LEE Jong-Bong^{*1,2} (¹School of Interdisciplinary Bioscience and Bioengineering, POSTECH, POSTECH, ²Physics, POSTECH, ³Division of Biological and Environmental Sciences and Engineering, KAUST, Saudi Arabia, ⁴Department of Cancer Biology and Genetics, The Ohio State University Wexner Medical Center, USA)

P1-bp.021*

Microtubule Structural Configuration and Flexural Rigidity Modulated by Anti-Cancer Drugs /
PARK Qudan Agnes¹, LEE Juncheol¹, CHOI Myung Chul^{*1} (¹Department of Bio and Brain Engineering, KAIST)

P1-co.110*

Spin-flip-driven reversal of the angle-dependent magnetic torque in layered antiferromagnetic $\text{Ca}_{0.9}\text{Sr}_{0.1}\text{Co}_2\text{As}_2$ /
SEO Jae Yeon¹, KIM Jong Hyuk¹, KIM Mi Kyung¹, SHIN Hyunjun¹, JEONG Ki Won¹, HONG Jae Min¹, KIM Jin Seok¹, MOON Kyungsun¹, LEE Nara^{*1}, CHOI Young Jai^{*1} (¹Department of Physics, Yonsei University)

P1-co.112*

The layer-dependent magnetic interactions in the superconducting quintuple-layer nickelate /
HAN Myung Joon^{*1}, YOON Sunghee^{1,2} (¹Department of Physics, KAIST, ²Republic of Korea Air Force, Aero&Space Combat Development Wing)

P1-co.128*

The asymmetric pinning potential in domain wall velocity of ferromagnetic nanowire on miscut sapphire substrate /
YOU Chun-Yeol^{*1}, NA Weonjun¹ (¹Department of Emerging Materials Science, DGIST)

P1-co.201*

Stability and electronic properties of layered NaMnO_2 using the SCAN(+U) /
JUNG Haeyoon¹, KIM Sooran^{*1} (¹Department of Physics Education, Kyungpook National University)

P1-co.303*

Instrumentation for an optically detected magnetic resonance in diamond nitrogen vacancy centers /
SHIN Jun Sub¹, KIM Kiwoong^{*1} (¹Dept. of Physics, Chungbuk National University)

P1-nu.002*

GEANT4 를 이용한 KOMAC 양성자 빔 실험에서의 이상적 차폐 모델 구현 /
YOO In-Kwon^{*1}, JANG Han Yi¹, CHOI Yongjun¹ (¹Dep. of Physics, Pusan National University)

P1-op.002*

Conductive polymer optical nanoantenna arrays fabricated by SANE-RIE /
LEE Seunghyun¹, KANG Evan S Hyunkoo^{*1} (¹Department of Physics, Chungbuk National University)

P1-op.021*

Surface Enhanced Raman Scattering substrate using silver coated AAO /
GWON Geunyeol¹, KIM

Hyunwoo², KIM Nam Hoon², KIM Kyoung-Ho*¹ (¹Department of Physics, Chungbuk National University, ²Drug Discovery Platform Research Center, KRICT)

P1-pa.013*

Study of D meson decays at Belle II experiment / KIM Jaeyoung¹, KIM Chanho¹, KWON Youngjoon*¹ (¹Department of Physics, Yonsei University)

P1-pl.007*

Numerical investigation of the laser absorption in High-Energy-Density Plasmas(HEDP) and Warm Dense Plasma(WDP) / KIM Hakhyeon¹, JUNG Min Ki², HAHN Sang June*¹ (¹Department of Physics, Chung-Ang University, ²Department of Energy System Engineering, Seoul National University)

P1-pl.029*

Linear coupling analysis by action-angle frame with turn-by-turn beam position monitor data in electron storage ring / KIM JunHa¹, CHUNG Moses*¹, LEE Jaeyoo², OH Bonghoon², SHIN Seunghwan² (¹Department of Physics, UNIST, ²Department of PLS-II Accelerator, Pohang Accelerator Laboratory)

P1-se.104*

InGaZnO Field Effect Transistor with Two-Dimensional Electron Channel Enabled by HfO₂ Passivation / OH Seyoung^{1,2}, CHO Byungjin*^{1,2} (¹Department of Urban, Energy, Environmental Engineering, Chungbuk National University, ²Department of Advanced Material Engineering, Chungbuk National University)

P1-se.105*

Carrier dynamics in CdSe/CdZnS core/shell quantum dots and their application on light emitting diodes / KIM Sung Hun¹, SHIN Dong Su², SON Dong Ick^{2,3}, LEE Hong Seok*¹ (¹Department of Physics, Jeonbuk National University, ²Institute of Advanced Composite Materials, KIST, ³Department of Nanomaterials and Nano Science, University of Science and Technology)

P1-se.130*

Valley-sensitive acoustic phonon detection in quasi-1D crystal / LEE Hun¹, CHEN Huandong², RAVICHANDRAN Jayakanth², JHO Young Dahl*¹ (¹School of Electrical and Computer Engineering, GIST, ²Chemical Engineering and Materials Science and Electrical and Computer Engineering, University of Southern California, USA)

P1-se.211*

Air Stability and Doping Effect of Polymer/Dopant Composite-coated Post-Transition Metal Chalcogenide FETs / KWON Chan¹, JO Ji Eun¹, PARK Hyeon Jung¹, PARK Dae Young¹, JEONG Mun Seok^{*1} (¹Department of Physics, Hanyang University)

P1-st.002*

Demand forecasting in an open system via graph neural network / PARK Sangjoon², KWON Yongsung², SOH Hyung Joon³, LEE Mi Jin¹, SON Seung-Woo^{*1,2} (¹Department of Applied Physics, Hanyang University, ²Department of Applied Artificial Intelligence, Hanyang University, ³Department of Physics Education, Seoul National University)

P1-st.012*

The viscoelastic effect on transport of the active particles in a ratchet potential / AN Jaehong¹, JOO Sungmin¹, JEON Jae-Hyung^{*1} (¹Department of Physics, POSTECH)

P1-st.020*

A reversible Gaussian loop under tension: ensemble inequivalence and negative extensibility / NOH Geunho¹, BENETATOS Panayotis^{*1} (¹Department of Physics, Kyungpook National University)

P2-ap.106*

Electrical and optical properties of thermal light emission from suspended and aligned carbon nanotubes / JEONG Hyeonhui¹, JO Sung Il², JEONG Hyunjeong¹, JE Yugyeong¹, KIM Yejin¹, PARK Joohee¹, YOON Seokhyun¹, JEONG Goo-Hwan², LEE Sang-Wook^{*1} (¹Department of Physics, Ewha Womans University, ²Department of Advanced Materials Science and Engineering, Kangwon National University)

P2-ap.125*

Investigation on surface defect passivation of 2D Ruddlesden-Popper perovskite / KIM Kitae^{1,2}, KANG Donghee¹, BLUMSTENGEL Sylke³, ZORN-MORALES Nicolas³, LIST-KRATOCHVIL Emil J.W.³, PARK Soohyung², LEE Hyun Bok⁴, YI Yeonjin^{*1} (¹Department of Physics, Yonsei University, ²Advanced Analysis Center, KIST, ³Department of Chemistry, Department of Physics & IRIS Adlershof, Humboldt-Universität zu Berlin, Germany, ⁴Department of Physics, Kangwon National University)

P2-ap.126*

Formation of InP/BP Heterostructure via In deposition on BP / SHIN Mingyeong¹, YUN Taekeun¹, LEE Yangjin^{1,2}, JANG Myeong Jin¹, KIM Kwanpyo^{*1,2} (¹Physics, Yonsei University, ²Center for Nanomedicine, Institute for Basic Science)

P2-ap.210*

Effect of Reaction Time on The Structural and Electrical Characterization of Hydrothermally Deposited $\text{Bi}_{0.5}(\text{Na}_{1-x}\text{K}_x)_{0.5}\text{TiO}_3$ films / KIM Eun-Young¹, WI Sang Won², LEE Yun Sang², BU Sang Don^{*1} (¹Department of Physics, Jeonbuk National University, ²Department of Physics and Integrative Institute of Basic Sciences, Soongsil University)

P2-ap.212*

Photoresist 공정에 따른 IGZO TFT 특성영향 연구 / JEON Jin ho¹, KIM Byoung Wan¹, KIM Kang Hyun², KANG Haeyong^{*1} (¹Department of Physics, Pusan National University, ²display, samsung)

P2-ap.302*

Improved output principle of ferroelectric polymer-based triboelectric nanogenerator by dipole charge and piezoelectric charge / JEONG Dong Geun¹, KO Young Joon¹, KIM Jong Hun², JUNG Jong Hoon^{*1} (¹Department of Physics, Inha University, ²Department of Materials Science and Engineering, Seoul National University)

P2-ap.422*

Dipolar Optical Characteristics of Charge Transfer Exciton for organic T2T/m-MTDATA Heterojunction / LEE Sang-hun¹, JOO Jinsoo^{*1}, KIM Jeongyong² (¹Department of Physics, Korea University, ²Department of Energy Science, Sungkyunkwan University)

P2-ap.425*

Investigation on exciton binding energy in quasi- low Dimensional perovskite / KWON Namhee^{1,2}, KIM Kitae^{1,2}, KIM Wonsik², YI Yeonjin^{*1}, PARK Soohyung^{*2} (¹Department of Physics, Yonsei University, ²Advanced Analysis Center, Korea Institute of Science and Technology (KIST))

P2-as.002*

Camera noise model and pixel response analysis for the IceCube Upgrade Camera System / CHOI Seowon^{*1}, ROTT Carsten^{*1}, CHRISTOPH Toennis^{*1}, RODAN Steven Thomas¹, KANG Woosik¹, LEE Jiwoong¹, SEO Minyeong¹, OH Youbin¹, SHIN Minji¹, KWON Ohseong¹ (¹Department of Physics, Sungkyunkwan University)

P2-at.001*

Single-site controlling of a bosonic Mott insulator of 7Li atoms / HUR Junhyeok¹, KWON Kiryang¹, HUH Seungjung¹, CHOI Jae Yoon^{*1} (¹Physics Department, KAIST)

P2-at.005*

Large-Area Programmable Optical Trap for Strongly Interacting Fermi Gases / SHIN Yong-il^{*1}, SOL Kim¹, LEE Kyuhwan¹ (¹Department of Physics and Astronomy, Seoul National University)

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Samarium Oxide Modified Effect of Bismuth Ferrite and Barium Titanate Solid Solution for Multiferroic Property / CHOI Hai In¹, LEE Myanghwan¹, KIM Won Jeong², SONG Tae Kwon^{*1} (¹School of Materials Science and Engineering, Changwon National University, ²Department of Physics, Changwon National University)

P2-co.118*

Oxygen-concentration-dependent optoelectronic properties of SrMoO₃ epitaxial thin films / PRASETIYAWATI Rahma Dhani¹, JEONG Seung Gyo¹, PARK Chan Koo¹, PARK Tuson¹, CHOI Woo Seok^{*1} (¹Physics, Sungkyunkwan University)

P2-co.204*

Ultrafast demagnetization process in SrRuO₃ ultrathin films: a possible contribution of the Berry curvature / LEE Jong Seok^{*1}, CHOI In Hyeok¹, JEONG Seung Gyo², CHOI Woo Seok² (¹Department of Physics and Photon Science, GIST, ²Department of Physics, Sungkyunkwan University)

P2-co.220*

A Machine Learning Approach to Identify Magnetic Order by Electronic Structure / JANG Yelin¹, KIM Choong Hyun^{2,3}, GO Ara^{*1} (¹Department of Physics, Chonnam National University, ²Center for Correlated Electron Systems, Institute for Basic Science, ³Department of Physics and Astronomy, Seoul National University)

P2-co.312*

Aharonov-Bohm oscillations observed in the Nanowire magnetothermoelectricity / KWON Du Hyuk^{1,2}, SONG Jong Hyun^{*1}, BAE Myung-Ho^{*2}, DOH Yong-Joo³ (¹Dep. of standards for physics, Chungnam National University, ²Electromagnetic Standard Group, KRISS, ³Department of Physics and Photon Science, GIST)

P2-op.013*

Analysis of Ray and Wave dynamical Chirality and Exceptional Points in an Asymmetric Microcavity / EOM Youngmin², LEE Hoyeon², KIM Seungwoo², KIM Yoojin², GWAK Sunjae¹, KIM Hyundong¹, KIM Chil-Min^{*1} (¹Emerging Materials Science, DGIST, ²School of Undergraduate Studies, DGIST)

P2-op.017*

Terahertz Emission Spectroscopy of p-/n-Type (100) InAs Using Femtosecond Ti:sapphire Oscillator / KIM Chaeyoon¹, LEE Seong Cheol¹, KIM Won Tae¹, YU In Cheol¹, ROTERMUND Fabian^{*1}

(¹Department of Physics, KAIST)

P2-pa.011*

Nonproportionality of NaI(Tl) Scintillators in COSINE-100 Experiment / LEE Seung Mok^{*1}, KO Young Ju², LEE Hyun Su², KIM Kyoung Won², KIM Sun Kee¹, CHOI Jaejin¹, JOO Han Wool¹
(¹Department of Physics & Astronomy, Seoul National University, ²Center For Underground Physics, IBS)

P2-pa.014*

Tunable dielectric array haloscope for high-mass axion search / BAE Sungjae^{1,2}, YOUN Sungwoo^{*2}, JEONG Junu² (¹Physics, KAIST, ²Center for Axion and Precision Physics Research, Institute for Basic Science)

P2-pl.018*

Disruption prediction and its analysis using multimodal data in KSTAR via deep learning / KIM Jinsu¹, NA Yong Su^{*1} (¹Nuclear Engineering, Seoul National University)

P2-pl.028*

Feature detections of mixed micro-turbulent modes in a tokamak using nonlinear gyrokinetic simulation / SONG Jiheon^{*1}, LEE Jungpyo¹ (¹Nuclear Engineering, Hanyang University)

P2-se.026*

Enhanced photoelectrochemical water splitting in plasmonic gold nanoparticles decorated gallium nitride photoelectrode / LEE Jinho¹, KIM Do Wan¹, JO Jeong-Sik¹, KIM Dohjun¹, KANG Hungu², YOON Hyo Jae², JANG Jae Won^{*1} (¹Division of Physics and Semiconductor Science, Dongguk University, ²Department of Chemistry, Korea University)

P2-se.030*

Optical characterization of interlayer excitons in MoS₂/WSe₂ heterobilayers / KIM Byungsu², MOON Yoon-Jong³, PARK Hong-Gyu³, CHO Yong Hoon^{*2} (¹KAIST, ²Department of Physics, KAIST, ³Department of Physics, Korea University)

P2-te.006*

앙페르 법칙의 개념 이해를 위한 회로실험 개발 / RYU Daeseong¹, KANG Jiho¹, LEE Kyung Suk¹, PARK Sang Tae¹, KIM Minchul¹, SON Kwanghyo^{*1} (¹Department of Physics Education, Kongju National University)