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(포스터발표 부문)

* 총 45건

P1-ap.109*

Operando TEM study of Barkhausen effects in 2-D van der Waals ferroelectrics / KO Kahyun¹, YUK Ayoung¹, KIM Junhyung¹, YOO Hyobin^{*1} (¹Department of Physics, Sogang University)

P1-ap.120*

Gas Sensing Functionality of Two-Dimensional Semiconductors Coated with Metal-Organic Polyhedra Film / HONG Youjin², CHOI Jihyung², MOON Wooyeon⁴, KO Kyungmin⁵, SUH Joonki^{5,6}, CHOI Kyung Min^{3,4}, KO Changhyun^{*1,2,3} (¹Department of Materials Physics, Sookmyung Women's University, ²Department of Applied Physics, Sookmyung Women's University, ³Institute of Advanced Materials and Systems, Sookmyung Women's University, ⁴Department of Chemical and Biological Engineering, Sookmyung Women's University, ⁵Department of Materials Science and Engineering, UNIST, ⁶Graduate School of Semiconductor Materials and Devices Engineering, UNIST)

P1-ap.124*

Exciton-Plasmon Coupling in WS₂ Flakes on Au Nanogratings / KIM Dong-Wook^{*1}, LIM Seoyoung¹, CHO Jungyoon¹, JEONG Jiyun¹, NGUYEN Anh Thi¹, CHO Eunseo¹, SONG Jungeun¹ (¹Department of Physics, Ewha Womans University)

P1-ap.204*

CuPc hole transport layer and Ag/HAT-CN anode for cost-efficient and stable perovskite solar cells / OH Hyesung^{1,2}, CHOI Seungsun^{1,2}, SHIN Woojin^{1,2}, JUNG Sehyun^{1,2}, KIM Nahyun^{1,2}, LEE Hyun Bok^{*1,2} (¹Department of Physics, Kangwon National University, ²Institute of Quantum Convergence Technology, Kangwon National University)

P1-ap.215*

Machine learning assisted color design of copper/copper oxide / LEE Dongik¹, OH Ju Hyun¹, KIM Su Jae², JEONG Se-Young³, LEE Seunghun^{*1} (¹Department of Physics, Pukyong National University, ²Crystal Bank Research Institute, Pusan National University, ³Department of Optics and Mechatronics Engineering, Pusan National University)

P1-ap.221*

Moiré heterostructure in graphene by xenon adsorption / HWANG Choongyu^{*1}, IM Hayoon¹, IM Suji¹, KIM Kyoo², LEE Jieun^{3,4}, HWANG Jinwoong^{3,5}, MO Sung-Kwan³ (¹Department of Physics, Pusan National University, ²Korea Atomic Energy Research Institute, KAERI, ³Advanced Light Source, Lawrence Berkeley National Lab, USA, ⁴Center for Complex Phase Materials, Max Planck POSTECH Korea Research Initiative, ⁵Department of Physics, Kangwon National University)

P1-bp.011*

Electrical stimulation for proliferation and differentiation of osteoblast cells in a 3D porous scaffold / KIM Hyunji¹, LEE Woo kul^{1,2}, LIM Eunju^{*2} (¹Department of Chemical Engineering, Dankook University, ²Department of Convergent Systems Engineering, Dankook University)

P1-bp.014*

UBQLN2 Liquid-Liquid Phase Separation is driven by hydrophobic interactions in vitro and in the cell / LEE Jong-Chan^{*1,2}, GWAK Eunha¹, KIM Jinkwang¹ (¹Department of New Biology, DGIST, ²New Biology Research Center, DGIST)

P1-bp.022*

Heterogeneous active diffusion described by Telegrapher's equation / JEON Jae-Hyung^{*1,2}, AN Jaehong¹ (¹Department of Physics, POSTECH, ²Asia-Pacific Center for Theoretical Physics (APCTP))

P1-co.108*

Lanthanide double-decker complexes as on-surface quantum nanomagnets / CHOI Dasom^{*1,2}, SPREE Lukas Emanuel², JANG Won Jun², HOMMEL Caroline², FANG Lei², JUNG Yeonjin², HEINRICH Andreas², COLAZZO Luciano^{*2} (¹Department of Physics, Ewha Womans University, ²IBS - Center for Quantum Nanoscience, Ewha Womans University)

P1-co.114*

Magnetic anisotropy probed by magnetic torque in a van der Waals antiferromagnetic CrPS₄ / SEO Jae Yeon¹, LIM Sunghyun¹, SHIN Hyun Jun¹, KIM Jong Hyuk¹, JEONG Ki Won¹, HONG Jae Min¹, MOON Kyungsun¹, KIM Mi Kyung¹, LEE Nara¹, CHOI Young Jai^{*1} (¹Department of Physics, Yonsei University)

P1-co.209*

Optimizing WDS measurement conditions for composition analysis of rare-earth boride thin films / KIM Hyunwoo¹, PARK Jihun², PANT Rohit², TAKEUCHI Ichiro², LEE Seunghun^{*1} (¹Department of Physics, Pukyong National University, ²Department of Materials Science and Engineering, University of Maryland, USA)

P1-co.212*

Polarization switching dynamics simulation through first order reversal curves method / KIM Cheol Jun¹, LEE Jae Yeob¹, KU Minkyung¹, LEE Seung Won², AHN Ji-Hoon², KANG Bo Soo^{*1}
(¹Department of Applied Physics, Hanyang University, ²Department of Materials Science and Chemical Engineering, Hanyang University)

P1-co.221*

Influence of CoO Nanoparticles on the Magnetism of SrCoO_{2.5} Thin Film / BONG Hyungkun¹, KANG Kyeong Tae^{*1} (¹Department of Physics, Kyungpook National University)

P1-nu.018*

Optimization of BGO scintillation crystal and SiPM for KAPAE phase II detector / KIM Hong Joo^{*1}, JEONG Dongwoo¹, PARK Hyeoung Woo¹, JEGAL Jin¹, LEE Doohyeok¹ (¹Department of Physics, Kyungpook National University)

P1-pa.021*

Large-Volume Ultra-Light Cavity for Axion Dark Matter Search / KIM Hyun-Gyu^{*1,2}, KWON Ohjoon², BYUN Heesu², CHUNG Woohyun², SEMERTZIDIS Yannis K.^{1,2} (¹Department of Physics, KAIST, ²Center for Axion and Precision Physics Research, IBS)

P1-pl.008*

Experimental Station for Femtosecond EUV Spectroscopy for Warm Dense Matter / CHO Byoung Ick^{*1,2}, LEE Gyeongsang^{1,2}, KANG Gyeongbo^{1,2}, SEONG Ahyun^{1,2} (¹GIST, ²Center for Relativistic Laser Science, IBS)

P1-pl.024*

중수소 가스 주입에 의한 KSTAR H-mode 디버터-플라즈마 분리의 SOLPS-ITER 전산모사 / HWANG Junghoo¹, PARK Jae-Sun², PITTS Richard A.³, JUHN June-Woo⁴, HAN Yoon Seong¹, LEE Hyungho⁵, BAK Jun-Gyo⁵, HONG Suk-Ho⁶, CHOE Wonho^{*1} (¹Department of Nuclear and Quantum Engineering, KAIST, ²Power Exhaust and Particle Control Group, Fusion Energy Division, Oak Ridge National Laboratory, USA, ³Experiments and Plasma Operation Section, ITER, France, ⁴Plasma Diagnostics Research Team, KFE, ⁵Pedestal Stability Research Team, KFE, ⁶DIII-D National Fusion Facility, General Atomics, USA)

P1-se.026*

Excitation-power Dependence of Whispering Gallery Polaritons in GaN Microwire at Different Temperatures / KIM Gwang¹, SUNG Chan Young¹, SONG Hyun Gyu², CHO Yong Hoon^{*1} (¹KAIST, ²Department of Physics, KIST)

P1-se.029*

Ideal interfacial contact using a topologically protected electron injection layer for high-performance WSe₂ photodetector / CHO Mann Ho^{*1}, KIM Da Jung¹ (¹Yonsei University)

P1-st.002*

Quantitative Analysis on Co-occurrence Network of Physics Curriculum / GIM Gahyoun¹, LEE Sang Hoon^{*1} (¹Department of Physics, Gyeongsang National University)

P1-st.006*

The classical discrete time-crystals and thermal effects in the two-dimensional kinetic Ising model / JEONG Kangeun^{*1}, KIM Bong Soo^{1,2}, LEE Sung Jong³ (¹Department of Physics, Changwon National University, ²Institute for Soft and Bio Matter Science, Changwon National University, ³Basic Sciences Research Center, Changwon National University)

P2-ap.105*

Effect of Bi-doping in lead halide perovskite single crystals for photovoltaic applications / YOUN Sarah Su-O¹, CHAE Hayoung¹, KIM Gee Yeong², JO William^{*1} (¹Department of Physics, Ewha Womans University, ²Advanced Photovoltaics Research Center, Korea Institute of Science and Technology)

P2-ap.113*

LaVO₃ 박막 위에 전사된 n형 그래핀의 도핑농도에 따른 광학적 및 전기적 특성 연구 / SHIN Donghee^{*1}, 최보균², 이호선³ (¹Department of Smart Sensor Engineering, Andong National University, ²Department of Physics, Andong National University, ³Department of Applied Physics, Kyung Hee University)

P2-ap.126*

Temperature dependent Raman spectroscopy on magnetic van der Waals Mn_{0.5}Fe_{0.5}PS₃ with a spin-glass state / KIM Jieun¹, LIM Soo Yeon¹, OH Siwon¹, SON Suhan², KIM Haeri², PARK Je-Geun², CHEONG Hyeonsik^{*1} (¹Department of Physics, Sogang University, ²Department of Physics and Astronomy, Seoul National University)

P2-ap.128*

Observation of Negative Capacitance Effect in Hf_{0.5}Zr_{0.5}O₂/Al₂O₃ Bilayer Structure using Short Pulse and PFM Measurements / YANG Sang Mo^{*1}, KIM Yoon Ki¹, LEE Jae Heon¹, AHN Sang Won¹, JUNG Tae Hyun¹, SHIN June Hee¹ (¹Department of Physics, Sogang University)

P2-ap.207*

Optical gain properties and thermal degradation of perovskite thin films under intense optical pulses / ROH Kwangdong^{*1}, LEE Gayoung¹ (¹Department of Physics, Ewha Womans University)

P2-ap.217*

Effect of molecular tilt configuration in molecular heterojunction with two-dimensional semiconductor / EO Jung Sun¹, SHIN Jaeho¹, WANG Gunuk^{*1} (¹KU-KIST Graduate School of Converging Science and Technology, Korea University)

P2-ap.229*

Effects of structural phase transition on the luminescence properties of Eu-doped (1-x)BaTiO₃-xCaZrO₃ / SEO Jiwoo¹, WI Sang Won¹, LEE Yun Sang¹, CHUNG Jin Seok^{*1} (¹Department of Physics, Soongsil University)

P2-as.004*

Atomic structure characterization for future gravitational wave detector's mirror coating material with ePDF analysis. / KIM Minhyo¹, LEE Kyung-ha^{*1} (¹Department of Physics, Sungkyunkwan University)

P2-at.016*

Degenerate NaK Molecular Gases / PARK Jee Woo^{*1}, LEE Sungjun¹, CHANG Jaeryeong¹, KIM Yoonsoo¹, LIM Younghoon¹ (¹Department of Physics, POSTECH)

P2-co.104*

Observation of band renormalization in surface-doped black phosphorus / KIM Yoonyi¹, PARK Soobin¹, KIM Keun Su^{*1} (¹Department of Physics, Yonsei University)

P2-co.207*

First-principles study of the quasi-two-dimensional electron gas at LaInO₃/BaSnO₃ interfaces / PARK Se Young^{*1,2}, MINSIK Oh^{1,2}, CHOI Min Chul^{1,2} (¹Department of physics, Soongsil University, ²Origin of Matter and Evolution of Galaxies (OMEG) Institute, Soongsil University)

P2-co.320*

Conversion between Metavalent and Covalent Bond in Metastable Superlattices Composed of 2D and 3D Sublayers / CHO Mann Ho^{*1}, LEE Changwoo¹, LIM Hyeonwook¹, KWON Hoedon¹, SEONG Yeonwoo¹ (¹Yonsei University)

P2-op.003*

Non-Destructive Analysis of Thickness of Thin Films using Home-Built Spectroscopic Ellipsometry / CHOI Soo Bong^{*1}, LEE Heewoo¹, KIM Jaejoon¹ (¹Department of Physics, Incheon National University)

P2-pa.009*

Study of the $J/\psi \rightarrow \Xi^- \bar{\Xi}^+$ at the BESIII experiment / CHOI Soo Kyung^{*1}, JEONG Jihyeok¹, KIM Siyeon¹ (¹CAU-HEP, Chung-Ang University)

P2-pa.016*

Interference effect due to W boson in heavy charged gauge boson search at the LHC / OH Young Do^{*1}, KIM Jongyeob¹, LEE JeongEun², PARK Jungsic¹ (¹Kyungpook National University, ²Department of Physics, Seoul National University)

P2-pl.005*

활성 산소종 및 질소종의 밀도 측정을 위한 흡광 스펙트럼 해석기법 / HUH Seong-Cheol¹, KIM Jinwoo², LEE Hyungyu², BAE Jin Hee¹, LEE Hyeonseung¹, CHOE Wonho¹, PARK Sanghoo^{*1} (¹Nuclear and Quantum Engineering, KAIST, ²Department of Physics, KAIST)

P2-pl.014*

Study on Beam acceptance of a Laser-accelerated electron beam in a ring-type dipole for Compact light source / KIM Keon Ho¹, LEE Hyeon Woo¹, SHIN Sang Yun¹, CHO Hee Jin¹, PARK Seong Hee^{*1} (¹Department of Accelerator Science, Korea University)

P2-se.109*

Exciton signatures in laterally isolated nanostructure of atomically thin films / LEE Jae-Ung^{*1}, YEO Jeongin², LIM Seungjae¹, KIM Taewan¹, SUH Joonki^{2,3} (¹Department of physics, Ajou University, ²Department of materials science and engineering, UNIST, ³Graduate school of semiconductor materials and devices engineering, UNIST)

P2-se.113*

Deterministic control of electron density in atomically thin semiconductor / KIM Sujeong¹, LEE Hyeongwoo¹, JOO Huitae¹, EOM Seonhye², CHOI Soo Ho³, PARK Kyoung-Duck^{*1}, PARK Hyeong-Ryeol², KIM Ki Kang³ (¹Department of Physics, POSTECH, ²Department of Physics, UNIST, ³Center for Integrated Nanostructure Physics, Sungkyunkwan University)

P2-se.205*

Light-pressure energy harvesting device using multiwalled carbon nanotubes-PZT composite film / LEE Jeong-Yeon^{1,2}, LEE Ha Young^{1,2}, RYU Jae-Hoon^{1,2}, KIM Sung-Hyun^{1,2}, JANG Jun-Hyeon¹, HWANG Sun-Lyeong³, CHUN Young Tea¹, AHN Hyung Soo¹, YI Sam Nyung^{*1,2} (¹Major of Nano-Semiconductor Engineering, Korea Maritime and Ocean University, ²Interdisciplinary Major of Maritime AI Convergence, Korea Maritime and Ocean University, ³Department of ICT Convergence Engineering, Kangnam University)

P2-se.210*

High efficiency alkali-alloyed kesterite CZTSSe solar cells / OTGONTAMIR Namuundari¹, SHARIF Hamim¹, ENKHBAT Temujin¹, ENKHBAYAR Enkhjargal¹, KIM Junho^{*1} (¹Incheon National University)

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Dark current, capacitance voltage, etc. are analyzed by adjusting the halide reaction of the lead halide perovskite solar cell to the applied voltage / YANG Jungyup^{*1}, SIN Jaegwan¹, KIM Gisung¹, KIM Mijoung¹, KIM Moonhoe¹ (¹Department of Physics, Kunsan National University)

P2-te.004*

학생들의 연령대별 열 개념과 과학사적 흐름에의 대응 / MOON Sujin¹, LEE Jiwon^{*1} (¹Korea National University of Education)