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* 총 46건

P1-ap.118*

Development of high-performance temperature sensors based on gradually Tungsten-doped vanadium dioxides thin films / YANG Haneul^{1, 2}, LEE Seoyun^{1, 2}, LEE Sangwook³, 고창현^{*1, 2, 4}

(¹Department of Physics, Sookmyung Women's University, ²Institute of Advanced Materials and Systems, Sookmyung Women's University, ³School of Materials Science & Engineering, Kyungpook National University, ⁴Department of Applied Physics, Sookmyung Women's University)

P1-ap.124*

Observation of both charge polarization and electrical conduction in vanadium dioxide thin films grown on flexible substrates through strain manipulation / 손민균¹, 강대준^{*1}

(¹성균관대학교 물리학과)

P1-ap.201*

투명전극을 이용한 전기구동 마이크로 디스크 LED / 구자현¹, 박선욱¹, 노유신^{*1} (¹건국대학교 물리학과)

P1-ap.215*

X-ray Absorption spectroscopy study on Nonionic Surfactant-Modified PEDOT:PSS and single-crystal Perovskites / 강희재¹, 박준호¹, 정현경¹, 김주혁¹, 여소령¹, 오창석¹, 조상완^{*1}

(¹연세대학교 물리학과)

P1-ap.226*

Electrically induced charging of quantum emitters in hexagonal boron nitride and graphene heterostructure / 유미향¹, 노기창¹, 이지은^{*1} (¹아주대학교 물리학과)

P1-co.103*

Dual-gate operation of Josephson junction made of $(\text{Bi}_{0.82}\text{Sb}_{0.18})_2\text{Se}_3$ topological insulator nanoribbon / 김남희¹, HOU Yaseen², 박세인³, 이길호³, YU Dong², 도용주^{*1}

(¹Department of Physics and Photon Science, Gwangju Institute of Science and Technology, ²Department of Physics, University of California, ³Department of Physics, University of Science and Technology)

P1-co.119*

카고메 격자구조를 가진 $\text{Co}_3\text{Sn}_2\text{S}_2$ 단결정의 전기적 및 자기적 특성 측정을 통한 강한 베리 곡률 관찰 / 신동화¹, 전진현¹, 이상언¹, 박경배¹, 정명화^{*1} (¹서강대학교 물리학과)

P1-co.126*

Analysis of spin wave excitations for hexagonal $\text{LuMn}_{1-x}\text{Fe}_x\text{O}_3$ using Raman Spectroscopy /

김승¹, 남지연¹, 박연주², 정영미², WANG Yazhong³, CHEONG Sang-Wook³, 양인상^{*1}

(¹Department of Physics, Ewha Womans University, ²Department of Chemistry, Kangwon National University, ³Rutgers Center for Emergent Materials and Department of Physics and Astronomy, Rutgers University)

P1-co.205*

Octahedral tilt driven Kondo lattice behavior with orbital-selective Mott transition of 4d $\text{Ca}_{2-x}\text{Sr}_x\text{RuO}_4$ /

김민수^{1,2}, 권준영^{1,2}, 정다운^{1,2}, 김윤식^{1,2}, 류한영^{1,2}, 정종근^{1,2}, 김범서^{1,2}, 김미경^{1,2}, DENLINGER Jonathan⁴, 한문섭⁶, MIZOKAWA Takashi⁵, YOSHIDA Yoshiyuki³, 경원식^{*1,2,4},

김창영^{*1,2} (¹Center for Correlated Electron Systems, Institute for Basic Science, ²Department of Physics & Astronomy, Seoul National University, ³National Institute of Advanced Industrial Science and Technology, ⁴Advanced Light Source, Lawrence Berkeley National Laboratory, ⁵Department of Applied Physics, Waseda University, ⁶Department of Physics, University of Seoul)

P1-co.222*

Electric field effect on polar nanoregion in relaxor Sn-doped BaTiO_3 epitaxial thin film / KIM

Tae Yeon¹, UNITHRATTIL Sanjith¹, ANOOP Gopinathan¹, HAN Gyeongtak², KIM Jaegyu³, IM Ji-Seok¹, PARK Seong-Min¹, SEOL WooJun¹, LEE Jun Young¹, LEE Su Young⁴, KIM Young-Min², HONG Seungbum³, 조지영^{*1} (¹School of Materials Science and Engineering, Gwangju Institute of Science and Technology, ²School of Materials Science and Engineering, Korea Advanced Institute of Science and Technology, ³Department of Energy Science, Sungkunkwan university, ⁴Pohang Accelerator Laboratory)

P1-op.023*

Sum-frequency generation with mode-locked fiber pulse laser and CW laser diode / 김현학¹,

박남훈², 염동일², 차명식¹, 문한섭^{*1} (¹부산대학교 물리학과, ²아주대학교 물리학과)

P1-op.025*

532nm Nd:YAG 레이저의 2 차 고조파 발생을 통한 266nm 펄스 생성 / 장동일¹, 박지연¹,

이기주^{*1} (¹충남대학교 물리학과)

P1-pa.004*

General Spin Analysis from Angular Correlations in Two-Body Decays / JEONG Jae Hoon^{*1},

SONG Ji Ho¹, CHOI Seong Yol¹ (¹Department of Physics, Chonbuk national university)

P1-pl.002*

Effects of Energetic Ions with Slowing-Down Distribution on Residual Zonal Flow / 조영우¹, 함택수^{*1} (¹ 서울대학교 원자핵공학과)

P1-pl.006*

Study of Deuterium transport in tungsten and SS316LN / 윤상윤¹, 변우준¹, 서희정¹, 김희수¹, 노승정^{*1} (¹Department of Physics, Dankook University)

P1-pl.015*

KSTAR 플라즈마 환경에 적합한 디버터 구조 연구 / 라옥주¹, 허민섭^{*1} (¹울산과학기술원 물리학과)

P1-pl.035*

FLYCHK Calculation on Planck Mean Opacity of Aluminum, Copper, and Gold Plasmas / 조민상¹, 정현경², MATSUO Kazuki³, GALTIER Eric Christophe⁴, FONTES Christopher John⁵, 한상준⁶, 조병익^{*1} (¹광주과학기술원 물리광과학과, ²국가핵융합연구소, ³Institute of Laser Engineering, Osaka University, ⁴Linac Coherent Light Source, SLAC National Accelerator Laboratory, ⁵Los Alamos National Laboratory, ⁶중앙대학교 물리학과)

P1-se.009*

Analysis of Leakage Current and PL to EL correlation in Green Micro-LEDs by optical Methods / 김규현¹, 정건우¹, 강욱근¹, 박태환¹, 전보람¹, 최찬미¹, 문영부², 정탁³, 송정훈^{*1} (¹공주대학교 물리학과, ²(주)UJL, ³한국광기술원)

P1-se.012*

Change of Optical Properties by Temperature Driven Phase Transition of Organic-Inorganic Metal Halide Perovskite Single Crystals / 정문석^{*1}, 김효인¹, 변수정¹ (¹성균관대학교 에너지과학과)

P1-se.026*

2 차원 구조 물질과 P(VDF-TrFE) ferroelectrics capacitor 를 이용한 강유전체 소자의 동작 원리 연구 / 이경민¹, 김채형¹, 양예현¹, 박혜진¹, 김병완¹, 강해용^{*1} (¹부산대학교 물리학과)

P1-se.030*

Effective Work-Function of Au Electrode Modulated by Graphene Interlayer at Au/Al₂O₃ interface in Au/Al₂O₃/n-Si junction / SONG Wonho¹, LEE Jung-Yong¹, KIM Junhyung², PARK Jinyoung¹, 박기복^{*1} (¹Department of Physics, Ulsan National Institute of Science and Technology, ²School of Electrical and Computer Engineering, Ulsan National Institute of Science and Technology)

P1-st.017*

Statistical Property of Price and Volatility Record Breaking Events in Korean Housing Market

/ 김진호¹, 육순형^{*1, 2} (¹경희대학교 소셜네트워크과학과, ²경희대학교 물리학과)

P1-st.020*

Anomalous yet non-Gaussian diffusion of Passive Tracers in Swarming Bacterial Bath / CHAI

Yu-Jo¹, JUN Yonggun^{*1} (¹Department of Physics, National Central University)

P2-ap.003*

Raman studies on interlayer vibration modes in few-layer 1T' MoTe₂ / 천예륜¹, 김강원¹,

정현식^{*1} (¹서강대학교 물리학과)

P2-ap.015*

Gate-tunable SiO_x Memristor Synapse Inspired by the Human Visual System for

Neuromorphic Computation / 최상현¹, 최재완¹, 신재호¹, 장성훈¹, 김남동², 곽지현³, 왕건욱^{*1}

(¹고려대학교 KU-KIST 융합대학원, ²한국과학기술연구원 기능성 복합재료 연구센터, ³고려대학교 뇌인지공학과)

P2-ap.039*

Temperature-dependent local conductance change in epitaxial VO₂ films investigated by conductive-atomic force microscopy / 김아영¹, 이유빈², 이진석², 정진석³, 윤종걸⁴, 양상모^{*1}

(¹숙명여자대학교 물리학과, ²숙명여자대학교 화학과, ³숭실대학교 물리학과, ⁴수원대학교 물리학과)

P2-ap.041*

Modulation of electric- and magneto-resistance by electric field-induced oxygen ions diffusion in a single GdO_x wire / 강준호¹, 이수길^{*1}, 이택현¹, 이재욱², 박병국², 김갑진^{*1}

(¹한국과학기술원 물리학과, ²한국과학기술원 신소재공학과)

P2-ap.044*

Effect of wake-up on polarization switching dynamics of Si doped HfO₂ thin films with imprint / 천민철¹, 박상현¹, 박솔민¹, 김민진¹, 조용준¹, 강보수^{*1} (¹한양대학교)

P2-as.004*

A New Grid-Based Radiative Transfer Simulation for Raman Scattering of He II with Atomic Hydrogen / 장석준^{*1, 2}, 최보은¹, 이희원¹ (¹세종대학교 물리천문학과, ²한국천문연구원)

P2-at.001*

단일 레이저와 단일 증폭기를 이용한 소형 위상 결맞음 레이저 시스템 개발 / 조성준¹, 민해식¹, 윤가야¹, 이찬영¹, 김재완^{*1} (¹명지대학교 물리학과)

P2-bp.001*

A study on imatinib binding to c-Src tyrosine kinase according to sequential conformational change / 박수현¹, 이상욱^{*1} (¹부경대학교 물리학과)

P2-bp.008*

Double ratchet model in processive DNA degradation by lambda exonuclease / 이광록^{*1}, 유정민¹, 유제중², 조혁진¹ (¹광주과학기술원 생명과학부, ²기초과학연구원 복잡계 자기조립 연구단)

P2-bp.019*

Improvement of DNA Curtain Assay Using Concave-Barrier Slide and Fluorescent Protein-DNA Binding Protein (FP-DBP) / CHA Jongjin^{1, 2}, CHEON Na Young², KANG Yujin², LEE Luda³, KIM Hyung-il³, KIM Kang O³, 이자일^{*2} (¹Department of Physics and Astronomy, Seoul National University, ²School of Life Sciences, UNIST, ³UNIST Central Research Facilities, UNIST)

P2-co.105*

Effect of the gas adsorption on contact behaviors between MoS₂ and Ni(111) using a first-principles study / CHOI Chang-Gyu¹, KIM Junghwan¹, MIN Kyung-Ah¹, 홍석륜^{*1} (¹Department of Physics, Graphene Research Institute, and GRI-TPC International Research Center, Sejong University)

P2-co.109*

Mechanical control of valley magnetization and Berry curvature dipole in monolayer MoS₂ / 손주이¹, 김경환², 안영환¹, 이현우², 이지은^{*1} (¹아주대학교 물리학과, ²포항공과대학교 물리학과)

P2-co.122*

p-n junctions in three-dimensional Dirac semimetal Cd₃As₂ nanostructures / BAYOGAN Janice Ruth^{1, 2}, 안성진¹, 송만석^{1, 2}, 서정필^{*1, 2}, 정민경^{*1, 2} (¹Department of Emerging Materials Science, DGIST, ²DGIST Research Institute, DGIST)

P2-co.202*

First-principles study of two-dimensional van der Waals magnetic materials: CrOCl and CrOBr / 이주혁¹, 장승우¹, 윤흥기¹, 강윤구¹, 한명준^{*1} (¹한국과학기술원 물리학과)

P2-co.215*

Gate tunable topological flat bands in twisted graphene on bilayer graphene / 박영주¹,
CHITTARI Bheema Lingam¹, 정재일^{*1} (¹서울시립대학교 물리학과)

P2-co.304*

Strain dynamics in next-generation fuel cell materials during ion transport and exchange process by Bragg coherent X-ray diffraction / 최성욱¹, 윤규석¹, 김성원¹, 김재승¹, 오설희², 박정훈², 지호일², 손지원², 김현정^{*1} (¹서강대학교 물리학과, ²한국과학기술연구원)

P2-nu.021*

Performance of Gamma-ray Detection System Consisting of a 4-fold 32-segmented High-Purity Germanium Detector and a BGO/CsI(Tl) Compton Suppressor / 김지석¹, 홍병식^{*1}, 이주한², 박진형², 김영진², 문별³ (¹고려대학교 물리학과, ²RISP/IBS, ³Nishina Center/RIKEN)

P2-pa.006*

Study for |V_{ts}| measurement in semi-leptonic channel of top pair production at 13 TeV / 박인규^{*1}, 이상훈^{*1}, WATSON Ian James^{*1}, 전다정^{*1}, 장우진¹ (¹서울시립대학교 물리학과)

P2-pl.010*

Characteristic of the Gas-Filled Capillary for the Laser-Plasma Acceleration by Using the Spectral and Interferometric Methods / 김진주¹, PHUNG Vanessa L. J.¹, 석희용^{*1}
(¹광주과학기술원 물리광학과)

P2-se.005*

투명 태양전지 응용을 위한 methylammonium lead bromide (MAPbBr₃) 페로브스카이트 광흡수층 연구 / 오정석¹, 김미정¹, 김문희¹, 신재관¹, 권남희¹, 오주영¹, 양정엽^{*1} (¹군산대학교 물리학과)

P2-se.021*

Study of Dirac Fluid Tesla Valve in graphene / 이제중¹, 서동제², 김학성³, 이희연¹, 김영동¹, 유건호¹, 남영우⁴, 최헌진², 김영덕^{*1} (¹경희대학교 물리학과, ²연세대학교 신소재공학과, ³한국표준과학연구원, ⁴경상대학교 물리학과)

P2-se.030*

Investigating the Defect in Monolayer Tungsten Disulfide via Tip-Enhanced Raman Spectroscopy / 이찬우^{1,2}, 정문석^{*1,2} (¹Department of Energy Science, Sungkyunkwan University, ²Center for Integrated Nanostructure Physics, Institute for Basic Science)

P2-se.032*

Formation of $\text{MoS}_2/\text{MoO}_x$ Heterostructure by Using Oxygen Plasma Treatment / 강소정¹,

정재환¹, 권준영¹, 김종훈², 이관형^{*2} (¹연세대학교 신소재공학과, ²서울대학교 재료공학부)