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* 총 22건 (최우수 9건, 우수 13건)

○ 최우수상 수상

P1-bp.011

Single-molecule Mechanistic Studies on DNA Proofreading by DNA Polymerase / PARK Jonghyun¹, JEON Yongmoon¹, LEE Ryanggeun¹, LEE Jong-Bong^{*1,2} (¹Department of Physics, POSTECH, ²School of Interdisciplinary Bioscience and Bioengineering, POSTECH)

P1-co.301

X-ray micro-diffraction study of structural changes in (1-x)(Bi_{0.5}Na_{0.5})TiO₃-xBaTiO₃ (x = 0, 2, 4 mol%) / 박정현¹, 위상원¹, 정진석^{*1} (¹Dept. of Physics, Soongsil University)

P1-se.011

Size-dependent photoluminescence and lifetime in CdSe nanocrystals / KIM Sung Hun¹, MAN Minh Tan¹, LEE Hong Seok^{*1} (¹Department of Physics, Chonbuk National University)

P1-st.012

구성 정보 분석에서 나타나는 풍경 이미지에서의 황금비율 / 서민경¹, 신인섭¹, 한승기^{*1} (¹충북대학교, 물리학과)

P2-ap.103

Raman study of interlayer interaction of 2H- and 3R-MoS₂ / NA Woongki¹, KIM Kangwon¹, LEE Jae-Ung¹, CHEONG Hyeonsik^{*1} (¹Department of Physics, Sogang University)

P2-ap.201

Thickness dependence physical properties of Fe₃O₄ films grown on SrTiO₃ (110) and MgAl₂O₄ (110)/(001) substrates by PLD / GHIMIRE Santosh¹, 이영진¹, 안승휘¹, 도중회^{*1} (¹Department of Physics, Kyungpook National University)

P2-co.206

Unconventional charge dynamics of a semi-metallic layered iridate investigated by THz time-domain spectroscopy / HAN Jeongwoo¹, KIM Sunwoo², CAO C.³, WANG J. C.^{3,4,5}, CHO Junhyung², LEE Jongseok^{*1} (¹Department of Physics and Photon Science, Gwangju Institute of Science and

Technology (GIST), ²Department of Physics and Research Institute for Natural Science, Hanyang University, ³Department of Physics and Astronomy, University of Kentucky, ⁴Quantum Condensed Matter Division, Oak Ridge National Laboratory, ⁵Department of Physics, Renmin University of China)

P2-op.004

Control of optical-field-induced charge separation by band engineering / KIM Youngjae¹, LEE JaeDong^{*1} (¹Emerging materials science, DGIST)

P2-pa.121

GEM Detector response simulation with Geant4 / PARK Inkyu^{*1}, LEE Jason Sang Hun¹, KANG Yechan¹ (¹Department of Physics, University of Seoul)

○ 우수상 수상

P1-ap.103

Development of an artificial synapse based on ferroelectric organic field-effect transistor for wearable neuromorphic applications / JANG Seonghoon¹, JANG Sukjae², WANG Gunuk^{*1}, KIM Tae-Wook² (¹KU-KIST Graduate School of Converging Science and Technology, Korea University, Seoul 02841, Republic of Korea, ²Applied Quantum Composites Research Center, Institute of Advanced Composite Materials, Korea Institute of Science and Technology, Jeollabuk-do 55324, Republic of Korea)

P1-ap.302

Direct molecular-scale observation of C70 amorphous structure and single-molecule dynamics on graphene / CHOE Jeongheon¹, LEE Yangjin¹, LEE Sungwoo², PARK Jungwon³, LEE Gun-Do⁴, KIM Chae Un¹, KIM Kwanpyo^{*1} (¹Department of Physics, Ulsan National Institute of Science and Technology, ²Department of Physics, Seoul National University, ³Department of Chemical Engineering, Seoul National University, ⁴Department of Material Science and Engineering, Seoul National University)

P1-co.204

Topological and Transport properties of three dimensional Dirac semimetals / AHN Kyo-

Hoon¹, LEE Kwan-Woo^{*1,2} (¹Department of Applied Physics, Graduate School, Korea University, Sejong, ²Division of Display and Semiconductor Physics, Korea University, Sejong)

P1-co.408

Systematic investigation on resolution in X-ray free electron laser single-pulse imaging /
JUNG Chulho¹, NAM Daewoong², NOH Doyoung³, SONG Changyong^{*1} (¹Physics, POSTECH, ²Pohang Accelerator Laboratory, POSTECH, ³Department of Physics and Photon Science, Gwangju Institute of Science and Technology)

P1-nu.005

Recovery of Molybdenum from Molybdenum-Based Crystal Waste / ARYAL Pabitra¹, KIM HongJoo^{*1}, PARK HyangKyu², SHIN KeonAh², GILEVA Olga², KARKI Sujita¹ (¹Department of Physics, Kyungpook National University, ²Center for Underground Physics, Institute of Basic Science)

P1-pl.011

극자외선 분광진단시스템을 활용한 KSTAR 플라즈마의 텅스텐 스펙트럼 모델링 연구 초기결과 /
송인우^{1,2}, 권덕희³, 홍주환^{1,2}, 선창래⁴, 안영화⁴, GUIRLET Remy⁵, 최원호^{*1,2,6} (¹한국과학기술원, 물리학과, ²불순물 및 경계 플라즈마 연구센터, ³한국원자력연구원, Nuclear Data Center, ⁴국가핵융합연구소, ⁵CEA, IRFM, ⁶한국과학기술원, 원자력 및 양자공학과)

P2-co.101

Direct transfer of optical orbital angular momentum to non-resonantly pumped exciton-polariton quantum fluid / KWON Min-Sik^{†1}, OH Byoung Yong^{†1}, GONG Su-Hyun¹, KIM Je-Hyung¹, KANG Hang Kyu², KANG Sooseok², SONG Jin Dong², CHOI Hyoungsoon^{*1}, CHO Yong-Hoon^{*†1} (¹Department of Physics and KI for the NanoCentury, Korea Advanced Institute of Science and Technology (KAIST), Daejeon, Republic of Korea, ²Center for Opto-Electronic Convergence Systems, Korea Institute of Science and Technology (KIST), Seoul, Republic of Korea)

P2-co.305

Optical properties of K-doped Ba-122 pnictides / LEE Seokbae¹, ROH Seulki¹, SEO Yu-seong¹, LEE Myoungsoon¹, JUNG Eilho¹, SONG Dongjoon², EISAKI Hiroshi², HWANG Jungseek^{*1} (¹Department of physics, Sungkyunkwan University, ²Low Temperature Physics group and Superconducting Materials group in Nanoelectronics Research Institute, National Institute of Advanced Industrial Science and Technology)

P2-co.413

Characterization of Piezoelectric Enhancement in 1-Dimensional Monoclinic KNbO₃ by

Piezoresponce Force Microscopy / OH Seol Hee¹, YUN Byung Kil², JUNG Jong Hoon², JO William^{*1} (¹Department of Physics and New and Renewable Energy Research Center (NREC), Ewha Womans University, ²Department of Physics, Inha University)

P2-pa.308

Concept of multiple-cell cavity for axion dark matter search / JEONG Junu^{1,2}, YOUN Sungwoo^{*2}, AHN Saebyeok^{1,2}, KANG Chanshin^{1,2}, SEMERTZIDIS Yannis K.^{1,2} (¹Department of Physics, Korea Advanced Institute of Science and Technology (KAIST), ²Center for Axion and Precision Physics, Institute for Basic Science)

P2-pl.103

홀 추력기 플라즈마 내 Xe+ 이온의 속도분포 진단을 위한 레이저유도형광 측정시스템 구축 / 도근태¹, 김호락¹, 윤성영², 이동호¹, 이승훈^{1,3}, 송민우¹, 최원호^{*1,4} (¹한국과학기술원, 물리학과, ²국가핵융합연구소, 플라즈마발생원연구팀, ³재료연구소, 플라즈마공정연구실, ⁴한국과학기술원, 원자력 및 양자공학과)

P2-se.020

Micro-Raman imaging of defects and strains in graphene / 이태건¹, 노희석^{*1}, 김명종² (¹전북대학교, 물리학과, ²한국과학기술연구원, 양자응용복합소재 연구센터)

P2-se.022

Implications of ferroelectric polarization and hysteretic behaviors on hybrid perovskite absorber thin films / 정혜리^{1,2}, NGYUEN Bich Phuong^{1,2}, 김주란^{1,2}, 조월렴^{*1,2} (¹이화여자대학교, 물리학과, ²이화여자대학교, Renewable Energy Research Center (NREC))