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* 총 37건

P1-ap.214

Highly Tunable Molecular Rectifier Realized by Interfacial Design in Molecular Heterojunction with Two-Dimensional Materials / SHIN Jaeho¹, YANG Seunghoon¹, JANG Yeonsik², EO Jung Sun¹, KIM Tae-Wook³, LEE Takhee², LEE Chul-Ho¹, WANG Gunuk^{*1} (¹KU-KIST Graduate School of Converging Science and Technology, Korea University,²Department of Physics and Astronomy, and Institute of Applied Physics, Seoul National University,³Department of Flexible and Printable Electronics, Jeonbuk National University)

P1-co.104

Construction of Radio Frequency mK-Scanning Tunneling Microscope / KIM Jinkyung¹, BUI Hong Thi¹, KRYLOV Denis¹, JANG Won Jun^{*1}, HEINRICH Andreas¹ (¹Center for quantum nanoscience, Ewha Womans University)

P1-co.114

Possible magnon excitation of pyrochlore iridate system in Raman study / NGUYEN Huyen Thi^{1,2}, SON Jaeseok^{1,2}, NOH Tae Won^{*1,2} (¹Center for Correlated Electron System, IBS,²Department of Physics and Astronomy, Seoul National University)

P1-co.209

Experimental Realization of Strain-induced Ferroelectricity in SrMnO₃ Films via Selective Oxygen Annealing / AN Hyunji¹, LEE Sanghan^{*1} (¹School of Materials Science and Engineering, GIST)

P1-co.309

Doping-Site Dependence of Upconversion Emission of Ho³⁺ Ion in CaHfO₃ / LIM HYEONTAE¹, JANG SOYEONG¹, LEE SOJOENG¹, LEE YUN SANG^{*1} (¹Department of Physics, Soongsil University)

P1-nu.01

Simulation of silicon detector using TCAD / KIM BeomKyu¹, BOK JeongSu¹, CHO JaeYoon¹, KWON JiYeon¹, KWEON Min Jung^{*1} (¹Inha University)

P1-pa.13

Measurement of temperature-dependent responses of NaI(Tl) crystal detector for rare event

searches / LEE Seo Hyun ^{*1} (¹Basic Science, UST)

P1-pa.21

Background Modeling for COSINE - 100 / YU Gyunho ^{*1} (¹Physics, Sungkyunkwan University)

P1-pl.02

Mitigation of runaway electron by inverse Landau damping / KANG HYE LIN ¹, LEE MIN UK ², YUN GUNSU ^{*1,2} (¹Department of Physics, POSTECH, ²Division of Advanced Nuclear Engineering, POSTECH)

P1-pl.09

100 W 이하 저전력 홀추력기의 방전모드 변화에 따른 이온빔 특성 연구 / LEE Dongho ², KIM Holak ³, DOH Guentae ², KIM Youngho ⁴, CHOE Wonho ^{*1,2} (¹KAIST, ²Department of Physics, KAIST, ³Satellite Research Directorate, KARI, ⁴Space Exploration Engineering Program, Department of Aerospace, KAIST)

P1-pl.27

Edge-localized RF bursts in the KSTAR H-mode pedestal collapse / KIM Minho ^{1,2}, YUN GUNSU ^{*1}, THATIPAMULA Shekar Goud¹, LEE Jaehyun ², CHOI Minjun ², KIM Jayhyun ², LEE Woochang ² (¹Department of Physics, POSTECH, ²KSTAR Research Center, NFRI)

P2-ap.112

The domain switching properties in the polycrystalline Si-doped HfO₂: Explanation to the negative capacitance / PARK Sanghyun ¹, CHUN Min Chul ¹, KIM Minjin ¹, CHO Youngjun ¹, KIM Cheoljun ¹, KANG Bo Soo ^{*1} (¹Department of Applied Physics, Hanyang University)

P2-ap.206

Switching kinetics in TiN/Zr-doped HfO₂/Al₂O₃/TiN structure with different dielectric layer thickness / KIM Min Jin ¹, CHUN Min Chul ¹, PARK Sanghyun ¹, CHO Yongjun ¹, KIM Cheoljun ¹, KANG Bo Soo ^{*1} (¹Department of Applied Physics, Hanyang University)

P2-ap.207

Interlayer vibration modes in few-layer 1T' and Td MoTe₂ studied by Raman Spectroscopy / CHEON Yeryun ¹, KIM Kangwon ¹, CHEONG Hyeonsik ^{*1} (¹Department of Physics, Sogang University)

P2-ap.301

MoS₂ Monolayers on Plasmonic Au Nanotriangle and Nanohole Arrays / SONG Jungeun ¹, LEE

Seong-Yeon ², KWON Soyeong ¹, KIM Eunah ¹, KIM Bora ¹, YEE Ki-ju ², KIM Dong-Wook ^{*1}
(¹Department of Physics, Ewha Womans University,²Department of Physics, Chungnam National University)

P2-ap.302

Domain structure of single layer ReS₂ / PARK Je Myoung ¹, NA Woongki ¹, CHOI Yun ¹, CHEONG Hyeonsik ^{*1} (¹Department of Physics, Sogang University)

P2-as.07

Phase-Space Analysis of Halos around Large-scale Filamentary Structures / JHEE Hannah ¹, SONG Hyunmi ², SMITH Rory ³, SHIN Jihye ³, PARK Inkyu ^{*1} (¹University of Seoul,²Department of Astronomy, Yonsei University,³Galaxy Evolution Group, KASI)

P2-bp.16

Discovering novel cancer-specific PPI complex through single-molecule Co-IP / KIM TaeGyun ^{1,2}, EUN Gee Sung ^{1,2}, YOON Tae-Young ^{*1,2} (¹Seoul National University,²Department of Biological Sciences, Seoul National University)

P2-bp.18

Translational control of a specific gene by light-induced liquid-liquid phase separation / MOON Hyungseok ^{C1}, LEE Min ³, SHIN Yongdae ^{2,3}, PARK Hyeyoon ^{*1} (¹Department of Physics and Astronomy, Seoul National University,²Department of Mechanical and Aerospace Engineering, Seoul National University,³Interdisciplinary Program in Bioengineering, Seoul National University)

P2-bp.23

Single-molecule screening of mismatch recognition function of cells / YANG KeunSang ², LEE Ryanggeun ¹, LEE Jong-Bong ^{*1,2} (¹Physics, POSTECH,²School of Interdisciplinary Bioscience and Bioengineering, POSTECH)

P2-bp.25

The kinetic steps of hCHD7 comprise multiple substeps / KANG Chanshin ¹, LEE Eunhye ², SONG Ji-Joon ², HOHNG Sungchul ^{*1} (¹Seoul National University,²Department of Biological Sciences, KAIST)

P2-co.114

Progress in spatially-resolved tunneling spectroscopy of Andreev bound state in Josephson junction / PARK Sein ¹, JANG Seong ¹, PARK Jinho ¹, LEE Hu-Jong ¹, LEE Gil-Ho ^{*1} (¹Department of Physics, POSTECH)

P2-co.115

Structural Evolution of Ga doped PtNi Fuel-Cell Nanocatalysts during Load Cycles at 3D Atomic Scale / JEONG Chaehwa¹, LEE Sangjae², CHO Eunae², YANG Yongsoo^{*1} (¹Department of Physics, KAIST,²Department of Materials Science and Engineering, KAIST)

P2-co.210

Structural Identification of Charge Density Wave Phases of Monolayer 1T-VSe₂ / JUNG Jee-Ahn¹, KIM Hanchul^{*2} (¹Department of Physics, Sookmyung Women's University,²Department of Applied Physics, Sookmyung Women's University)

P2-co.302

Strain chirality of chiral gold nanoparticle by Bragg coherent X-ray diffraction imaging / CHOI Sungwook¹, KIM Sungwon¹, KIM Jaeseung¹, IM Sangwon², SPRUNG Michael³, CHA Wonsuk⁴, HARDER Ross⁴, LEE SuYoung⁵, NAM Ki Tae², KIM Hyunjung^{*1} (¹Physics, Sogang University,²Department of Materials Science and Engineering, Seoul National University,³PETRA-III, Deutsches Elektronen-Synchrotron,⁴Advanced Photon Source, Argonne National Laboratory,⁵Pohang Accelerator Laboratory, Pohang Accelerator Laboratory)

P2-pa.06

Particle discrimination for the dual-readout calorimeter / LEE YunJae¹, LEE Jason Sang Hun^{*1}, YOO Hwidong², LEE Seh Wook³, KO Sanghyun⁴, HWANG Kyuyeong², KIM Minsoo², LEE Junghyun³, RYU Min Sang¹, WATSON Ian James¹, PARK JongSuk¹, KIM Jua¹ (¹Department of Physics, University of Seoul,²Department of Physics, Yonsei University,³Department of Physics, Kyungpook National University,⁴Department of Physics, Seoul National University)

P2-pa.19

PMT gain calibration for the JSNS2 Experiment / JEON Hyoungku^{*1}, ROTT C¹, JANG H.I², KIM S.B³, KWON E¹, SEO H³, KIM J.Y⁴, JOO K.K⁴, LIM I.T⁴, MOON D.H⁴, SHIN C.D⁴, CHEOUN M.K⁵, JEON S.H¹, JUNG D.E¹, ROELLINGHOFF G¹, YU I.T¹, CHOI J.H⁶, PAC M.Y⁶, JANG J.S⁷, KANG S,K⁸ (¹Department of Physics, Sungkyunkwan University,²Department of Physics, Seoyeong University,³Department of Physics, Seoul National University,⁴Department of Physics, Chonnam National University,⁵Department of Physics, Soongsil University,⁶Department of Radiology, Dongshin University,⁷GIST College, GIST,⁸School of Liberal Arts, Seoul National University of Science and Technology)

P2-pl.12

Transverse Beam Emittance Measurement on KOMAC LEBT with Solenoid Scan / KIM

DongHwan^{1,2}, DANG Jeongjeung^{*2}, KWON Hyeok-Jung², LEE Seung-Hyun², KIM Han-Sung², CHUNG Kyoung-Jae¹, HWANG Yong-Seok¹ (¹Department of Nuclear Engineering, Seoul National University,²KAERI)

P2-pl.29

Development of 2D Cylindrical Numerical Code for high energy density plasmas of X-pinch Plasmas / LEE S. J.¹, NA Yong-Su^{*1}, KIM Deok-Kyu² (¹Department of Nuclear Engineering, Seoul National University,²Agency for Defense Development, Daejeon)

P2-se.22

Growth mechanism and optical properties of CsPbBr₃ perovskite quantum dots / KIM Sung Hun¹, LEE Hong Seok^{*1} (¹Department of Physics, Jeonbuk National University)

P2-se.29

Surface Potential and Transport Studies of MoS₂/WS₂ and WS₂/MoS₂ Heterostructures / KIM Bora¹, TSAI Po-Cheng², KWON Soyeong¹, SONG Jungeun¹, KIM Eunah¹, LIN Shih-Yen², KIM Dong-Wook^{*1} (¹Department of Physics, Ewha Womans University,²Research Center for Applied Sciences, Academia Sinica, Taiwan)

P2-se.34

Detection of Thermally Significant THz Acoustic Phonon / LEE Sehyuk¹, JEONG Hoonil¹, LEE Hun¹, MINNICH Austin J², JEON Seong-Ran³, CHUNG Tae-Hoon³, STANTON Christopher J⁴, JHO Young Dahl^{*1} (¹School of Electrical and Computer Engineering, GIST,²Division of Engineering and Applied Science, Caltech,³LED Research and Business Division, KOPTI,⁴Department of Physics, UF)

P2-se.37

Near-ultraviolet broadband emission from a 2D perovskite single crystal: BA2PbI₄ / JANG Joon Ik^{*1}, NAM Seo Hyun¹, PARK Dea Young², JEONG Mun Seok² (¹Physics, Sogang University,²Energy science, Sungkyunkwan University)

P2-st.04

Impact of degree-weighted influence in the Majority-vote dynamics on Complex Networks / KIM Minsuk¹, YOOK Soon Hyung^{*1} (¹Department of Physics, Kyung Hee University)

P2-st.13

Emergence of power laws in machine learning: case studies / KIM Gilhan¹, JO Junghyo¹, BAEK Yongjoo^{*1} (¹Department of Physics and Astronomy, Seoul National University)

P2-st.19

Revealing the evolution of composition of landscape painting through the lens of information theory / LEE Byunghwee¹, SEO Min Kyung², KIM Daniel³, SHIN In-seob², SCHICH

Maximilian⁴, JEONG Hawoong^{*1,5}, HAN Seung kee^{*2} (¹Physics Department, KAIST,²Department of Physics, Chungbuk National University,³Merck Sharp and Dohme, Merck Sharp and Dohme,⁴ATEC & EODIAH, The University of Texas at Dallas,⁵APCTP)

P2-te.03

아두이노를 활용한 1차원 초음파 스캐너와 초음파 간섭 실험 / 이경환¹, LEE Heebok¹, LEE Kyung Suk^{*1} (¹Department of Physics Education, Kongju National University)