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* 총 29건

P1-ap.102*

Molecular-Dipole-assisted Fermi-level Engineering of vdW Schottky Junctions for 2D Semiconductor Photovoltaics / YANG Seunghoon¹, SHIN Jaeho¹, LEE Jaeho¹, EO Jung Sun¹, WANG Gunuk¹, LEE Chul-Ho^{*1} (¹KU-KIST Graduate School of Converging Science and Technology, Korea University)

P1-ap.112*

Raman study on MoS₂-ReS₂ heterostructures / CHOI Yeondong¹, OH Siwon¹, CHEONG Hyeonsik^{*1} (¹Department of Physics, Sogang University)

P1-ap.205*

Fabrication of copper-oxide nanowires based micro sensor by laser induced hydrothermal growth / MUN Jonghwan¹, KONG Heejung¹, YEO Junyeob^{*1} (¹Department of Physics, Kyungpook National University)

P1-bp.007*

Accelerated quantification of miRNAs using FRET-PAINT / KIM Juyoung¹, SHIN Soochul¹, HOHNG Sungchul^{*1} (¹Department of Physics and Astronomy, Seoul National University)

P1-bp.010*

Direct observation of the strength of protein-protein interactions by live-cell FRET imaging / YI Soojung¹, LEE Nam Ki^{*1} (¹Seoul National University)

P1-bp.015*

Nucleus-cytoskeletal Connections Determine the Alteration of Intracellular Polarization / HAN Seong-Beom¹, KIM Dong-Hwee^{*1,2} (¹KU-KIST Grad Sch Converging Sci & Tech, Korea University, ²Department of Integrative Energy Engineering, Korea University)

P1-co.109*

In-situ sample preparation and electron spin resonance measurement of unpaired electrons in organic molecular spin films / PARK Juyoung^{1,2}, CHO Franklin H.^{1,3}, YU Jisoo^{1,2}, JEONG Yejin^{1,2}, COLAZZO Luciano^{1,3}, HEINRICH Andreas J.^{1,2}, DONATI Fabio^{*1,2} (¹Center for Quantum Nanoscience, Institute for Basic Science, ²Department of Physics, Ewha Womans University, ³Ewha Womans University, Ewha Womans University)

P1-co.115*

Orbital angular momentum of a domain wall and geometrically twisted magnons / LEE Seungho¹, KIM Se Kwon^{*1} (¹Physics, KAIST)

P1-co.202*

Ferroelectric domain structures of an epitaxial Bi₂WO₆ thin film / KWON Yong-Jun¹, YEO Youngki¹, YANG Chan-Ho^{*1} (¹Physics, KAIST)

P1-co.215*

Epitaxial growth and band structure of 2D CoSe / RHEE Tae Gyu¹, CHOI Byung Ki¹, KIM Hyuk Jin¹, KHIM Yeong Gwang¹, KIM Min Jay^{1,2}, CHANG Young Jun^{*1,2} (¹Department of Physics, University of Seoul, ²Department of Smart cities, University of Seoul)

P1-nu.017*

The radiative proton capture on ¹⁵N with effective field theory / SON Sangyeong¹, ANDO Shung-Ichi^{*2}, OH Yongseok¹ (¹Department of Physics, Kyungpook National University, ²School of Mechanical and ICT convergence engineering, Sunmoon University)

P1-op.017*

Enhancing noise-robustness of single-pixel imaging with pulsed illumination / KIM Junghyun¹, JO Yonggi¹, LEE Sangkyung¹, JEONG Taek¹, KIM Dongkyu¹, LEE Su-Yong¹, KIM Duk Y.¹, KIM Zaeil¹, IHN Yong Sup^{*1} (¹Quantum Physics Technology Center, Agency for Defense Development)

P1-pa.011*

Performance study of dual-readout calorimeter with Higgs decaying into Z and gamma process / YOO Hwidong^{*1}, KIM Sungwon¹, HUH Changgi², KIM Bobae², LEE Junghyun², LEE Sehwook², RYU Minsang², KO Sanghyun⁵, KIM Doyeong⁶, LEE Hyupwoo⁶, LEE Jason⁶, LEE Yunjae⁶, SON Youngwan⁶, SONG Donghyun⁶, WATSON Ian⁶, CHO Guk¹, EO Yun¹, HA Seungkyu¹, HWANG Kyuyeong¹, KIM Dongwoon¹, KIM Jeayoung¹, KIM Kyungho¹, KIM Tongil¹, PARK Junewoo¹, WATANUKI Shun¹, CHOEN Yechan⁴, KIM Yongsun⁴, KIM Yongjun³, LIM Sanghoon³, RYU Jaehyeok³ (¹Department of Physics, Yonsei University, ²Department of Physics, Kyungpook National University, ³Department of Physics, Pusan National University, ⁴Department of Physics, Sejong University, ⁵Department of Physics, Seoul National University, ⁶Department of Physics, University of Seoul)

P1-pa.012*

The process of assembly for the module of the dual-readout calorimeter / CHO Guk¹, YOO Hwidong^{*1}, HUH Changgi², KIM Bobae², LEE Junghyun², LEE Sehwook², RYU Min Sang², KO Sanghyun⁵, KIM Doyeong⁶, LEE Hyupwoo⁶, LEE Jason⁶, LEE Yunjae⁶, SON Youngwan⁶, SONG Donghyun⁶, WATSON Ian⁶, EO Yun¹, HA Seungkyu¹, HWANG Kyuyeong¹, KIM Dongwoon¹, KIM Jaeyoung¹, KIM Kyungho¹, KIM Sungwon¹, KIM Tongil¹, PARK Junewoo¹, WATANUKI Shun¹, CHOEN Yechan⁴, KIM Yongsun⁴, KIM Yongjun³, LIM Sanghoon³, RYU Jaehyeok³ (¹Department of Physics,

Yonsei University, ²Department of Physics, Kyungpook National University, ³Department of Physics, Pusan National University, ⁴Department of Physics, Sejong University, ⁵Department of Physics, Seoul National University, ⁶Department of Physics, University of Seoul)

P1-pl.112*

다목적방사광가속기를 위한 3차 조화 가속관의 기초 설계 및 분석 / YOON Junyoung¹, HAN Jun-ho², PARK Hee-Su², KIM Eun San^{*1} (¹Department of Accelerator Science, Korea University, ²R&D Team, Kiswire Advanced Technology)

P1-pl.209*

표면 유전장벽 방전의 플라즈마 특성과 전기풍 발생 연구 / CHOE Wonho^{*1}, LEE Hyenseung¹, LEE Hyengyu², KIM Jinwoo² (¹Nuclear and Quantum Engineering, KAIST, ²Physics, KAIST)

P1-st.002*

Finding different regimes of Korean stock market and Seoul-si housing market via record statistics with drift / LIM Sejin¹, YOOK Soon Hyung^{*1} (¹Department of Physics, Kyung Hee University)

P2-ap.109*

Promoting selective nitrogen reduction with a Fe-confined MoS₂ catalyst inspired by nitrogenase / LEE Chul-Ho^{*1}, SHIM Jaehyung¹, YI Gyu Seong², PARK Hyun S.² (¹KU-KIST Graduate School of Converging Science and Technology, Korea University, ²Center for Hydrogen, Fuel Cell Research, KIST)

P2-ap.118*

Characteristic of Time-Dependent Humidity Sensing Property of K_{0.5}Na_{0.5}NbO₃ Film Fabricated by Pulsed Layer Deposition / BU Sang-Don^{*1}, KIM Eun-Young¹ (¹Department of Physics, Jeonbuk National University)

P2-ap.207*

Research on crystal properties by controlling the deposition temperature of organic semiconductors / LIM EunJu^{*1}, CHO Seongjib¹ (¹Convergent Systems Engineering, Dankook University)

P2-ap.212*

Orientation of methylammonium cations on methylammonium lead chloride single crystals studied by polarization dependent Raman scattering spectroscopy / KIM Yejin¹, PARK Joohee¹, BAE Soungmin², JUNG Hye Ri¹, JO Wiliam¹, KIM Yong-Hoon², YOON Seokhyun^{*1} (¹Department of Physics, Ewha Womans University, ²School of Electrical Engineering, KAIST)

P2-as.003*

Convolutional Neural Networks for Gamma-Hadron Classification with the HAWC Observatory

/ LEE Jason Sang Hun^{*1}, JO BaekSun¹, WATSON Ian James¹, CHOI MyeongHun¹ (¹Department of Physics, University of Seoul)

P2-at.007*

Application of a commercial blazed grating as a mirror for matter waves / KIM Lee Yeong¹, KANG Do Won², KIM Tae Woo², SCHÖLLKOPF Wieland³, ZHAO Bum Suk^{*1,2} (¹Department of Physics, UNIST, ²Department of Chemistry, UNIST, ³., Fritz-Haber-Institut der Max-Planck-Gesellschaft, ⁴Department of Chemistry, Department of Physics, UNIST)

P2-co.108*

Electronic properties of epitaxially strained SrRuO₃/CaRuO₃ superlattices / KIM Ki Seok¹, LEE Sang A^{*1}, HWANG Jae-Yeol^{*1} (¹Department of Physics, Pukyong National University)

P2-co.303*

Effective Resolution Improvement in Coherent Diffraction Imaging by Extending Fourier Space / CHO Do Hyung², JUNG Chulho², SUNG Daeho², LEE Heemin², SHIN Jaeyong², HWANG Junha², LEE Sungyun², SONG Changyong^{*2} (¹POSTECH, ²Dept. of Physics, POSTECH)

P2-pl.017*

Nonlinear MHD Simulation on the 5% neon mixture SPI in KSTAR / LEE S.-J.¹, NA Yong Su^{*1}, HU D.², KIM S.K.¹, NARDON E.³, HOELZL M.⁵, LEHNEN M.⁴, BONFIGLIO D.⁷, BECOULET M.³, HUIJSMANS G.T.A.^{3,6}, KIM Jayhyun⁸, . JOREK team⁹ (¹Nuclear Engineering, Seoul National University, ²., School of Physics, Beihang University, Beijing 100191, China, ³., CEA, IRFM, 13108 Saint-Paul-Lez-Durance, France, ⁴., ITER Organization, Route de Vinon sur Verdon, 13115 St Paul Lez Durance, France, ⁵., Max Planck Institute for Plasma Physics, Boltzmannstr. 2, 85748 Garching b. M., Germany, ⁶., Eindhoven University of Technology, P.O. Box 513, 5600 MB Eindhoven, The, ⁷., Consorzio RFX, Associazione EURATOM-ENEA sulla Fusione, 35137 Padova, Italy, ⁸., Korea Institute of Fusion Energy , Youseong 34133, Daejeon, Korea, Republic of, ⁹., URL: <https://jorek.eu>)

P2-se.101*

Structural evolution and optical properties of CsPbBr₃ nanocrystals / KIM Sung Hun¹, JO Yong-Ryun², KIM Yong Bin^{1,2}, YIM Sang-Youp², LEE Hong Seok^{*1} (¹Department of Physics, Jeonbuk National University, ²Advanced Photonics Research Institute, GIST)

P2-se.208*

CVD 단일공정에 의한 2차원 Janus MoSSe 단결정 증착 및 열처리에 의한 성장 메커니즘 규명 / 이원준¹, 장찬욱¹, 김재국¹, 정태진¹, 박상민¹, 김희경¹, 김성², CHOI Suk-Ho^{*1} (¹Department of Applied Physics, Kyung Hee University, ²Humanitas College, Kyung Hee University)

P2-se.210*

Fabrication and characterization of hybrid heterostructures consisting of MoS₂ monolayers and fluorescent organic molecules / KWON Soyeong¹, JEONG Dong Yeun², BAEK Suyeun¹, JANG Yujin¹, SONG Jungeun¹, KIM Ki Kang^{3,4}, YOON Seokhyun¹, YEE Ki-Ju⁵, YOU Youngmin², KIM Dong-Wook^{*1}
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