

2022년 한국센서학회 추계학술대회 포스터 논문 및 Young Scientist Forum 수상자 명단

No.	종류	세션정보	논문번호	발표자명	발표자소속	논문제목	상장번호
1	우수논문상	poster	P02-05	Namyun Kim1), Minjin Kang1), Nakwon Choi1), and Yi Jae Lee1),2),†	1)KIST, 2) KIST School, University of Science and Technology (UST)	Neuron-on-a-Chip for Multimodal Neuronal Function Monitoring Applications	제 센서 - 202219호
2	우수논문상	poster	P02-12	YouBin Choi1),2), KyungYeun Kim1),3), GuWon Jeong1), SeungHwan Ko3), HoJeong Jeon1),2), HyoJin Lee1), YoungMin Kim1) ,and Wonryung Lee1),†	1)KIST 2)KU-KIST Graduate School of Converging Science and Technology, Korea University 3)Seoul National University	A combination of Acrylamide-based Actuator and Aptamer-based Biosensor for detection of CA125	제 센서 - 202220호
3	우수논문상	poster	P03-02	Bokyeong Ryu1), C-Yoon Kim1),†, and Sunghun Lee2),†	1) Konkuk University 2) Sejong University	In vivo biocompatible strain sensor to monitor physiopathological functions in contractile organs	제 센서 - 202221호
4	우수논문상	poster	P03-03	Seokjoo Cho, Yong Suk Oh, and Inkyu Park†	KAIST	Skin-mountable, multi-modal sensor for continuous monitoring for pressure injury prevention	제 센서 - 202222호
5	우수논문상	poster	P04-01	Jeongyun Hwang1), Yerin Lee1), Jihee Pi1), Yonghwan Kim1), Myungsik Choi2), and Kyuhyoung Lee1),†	1) Yonsei University 2) Kyungpook National University	Gold nanoparticles decorated TiO2 nanosheet by hydrothermal Synthesis for gas sensing application	제 센서 - 202223호
6	우수논문상	poster	P04-03	Yukyung Kim1), Mankyung Kim1), Kwang Hyeon Baik2), and Soohwan Jang1),†	1) Dankook University 2) Hongik University	Hydrogen sensing characteristics of Pt Schottky diode on 2-dimensional (100) plane Ga2O3	제 센서 - 202224호
7	우수논문상	poster	P04-13	Tuong Van Tran, Mohammad Jamir Ahemad, Thanh Duc Le, Geun-Jae Oh, and Yeon-Tae Yu†	Jeonbuk National University	The effect of Au shell thickness on hydrogen gas sensing performance of Pd@Au@ZnO core-double shell structure nanoparticles	제 센서 - 202225호
8	우수논문상	poster	P15-35	Woohyeon Ryu, Chansoo Yoon, and Bae Ho Park†	Konkuk university	The epitaxially grown ferroelectric Hf0.5Zr0.5O2 thin film using pulsed laser deposition method	제 센서 - 202226호
9	우수논문상	poster	P15-37	Jiseul Park1), Chang Kyu Jeong2), and Ji-Won Choi1),3),†	1) Korea Institute of Science and Technology 2) Jeonbuk National University 3)Korea University of Science and Technology	Laser synthesis of patterned 2D MoS2 structure for self-powered touch sensor	제 센서 - 202227호
10	우수논문상	poster	P11-12	Youngsu Kim and Daewon Kim†	Kyung Hee University	Triboelectric nanogenerator using non-Newtonian fluid characteristics towards smart traffic system	제 센서 - 202228호
11	우수논문상	poster	P11-15	Tae-Ung Park1), Ik-Soo Kim2), and Jong-Min Oh3),†	1)Korea University of Technology and Education, 2)POSTECH, 3) Kwangwoon University	Study of the Sensing Characteristics of BaTiO3 Humidity Sensors Fabricated by Aerosol Deposition Process According to Cu Content	제 센서 - 202229호
12	우수논문상	poster	P11-18	Jeongeun Kim, Hyosik Park, and Ju-Hyuck Lee†	DGIST	Development of tactile sensor using plasticized PVC-gel	제 센서 - 202230호
13	우수논문상	poster	P11-21	Ju-Hyeon Lee, Nu-Ri Ko, Bo-Kyung Kim, Tae-Su Yeo, and Wook Jo†	UNIST	Inducing high thermal stability for a beyond-BaTiO3 dielectric by forming a binary system with CaZrO3 in Bi1/2Na1/2TiO3 system	제 센서 - 202231호
14	우수논문상	poster	P13-06	Cheolmin Kim and Kwi-Il Park†	Kyungpook National University	Bi2Te3 film and elastomer substrate based on Highly Stretchable thermoelectric generator	제 센서 - 202232호
15	우수논문상	Young Scientist Forum	YF-04	Seunghee H. Cho, Hyeuk Jin Han, and Yeon Sik Jung†	KAIST	Highly Ordered 3D Plasmonic Nanostructure Designs for Trace-Amount Sensing Applications via Surface-Enhanced Raman	제 센서 - 202233호
16	우수논문상	Young Scientist Forum	YF-12	Hamin Shin and Il-Doo Kim†	KAIST	Sacrificial Template-Assisted Synthesis of Inorganic Nanosheets with High-Loading Single-Atom Catalysts: A General Approach	제 센서 - 202234호
17	우수논문상	Young Scientist Forum	YF-06	Montri Meesepong, Sajal Shrivastava, Gargi Ghosh, and Nae-Eung Lee†	Sungkyunkwan University,	Fluorescence-enhanced ZnO nano-bur for biomarker monitoring	제 센서 - 202235호
18	우수논문상	Young Scientist Forum	YF-13	Haeseong Lim, Jaehyeong Bae, Jaewan Ahn, Yoon Hwa Kim, Min Soo Kim, and Il-Doo Kim†	KAIST	Photoenergy harvesting by photoacid solution as the future power source for sensors	제 센서 - 202236호
19	우수논문상	Young Scientist Forum	YF-08	Han-Yup Yum, Hong-Joon Yoon, Dong-Min Lee, and Sang-Woo Kim†	Sungkyunkwan University	Ion-doped gelatin hydrogel as an effective material strategy for high sensitive triboelectric tactile sensor	제 센서 - 202237호
20	우수논문상	Young Scientist Forum	YF-17	Chung won Lee, Hyuk Jin Kim, and Ho Won Jang†	Seoul National University	Sensitive taste sensors using surface tailored graphene for high selectivity to salt	제 센서 - 202238호

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21	최우수논문상	poster	P01-18	Juhee Ko, Bong Jae Lee, and Jungchul Lee†	KAIST	Vacuum operation of heated microchannel resonators for sensitivity enhancement upon thermophysical properties measurements	제 센서 - 202239호
22	최우수논문상	poster	P03-23	Simok Lee, Sang-Hyuk Byun, and Jae-Woong Jeong†	KAIST	Adaptive Electronic Skin with High Sensitivity and Large Bandwidth based on Gallium Microdroplet-Elastomer Composite	제 센서 - 202240호
23	최우수논문상	poster	P03-30	Yu-Lim Min1),2), Yun-Jeong Kim2), Jeongnam Kim1),2), Osman Gul2),3) and Hye Jin Kim1),2),†	1) University of Science and Technology (UST) 2) ETRI 3) KAIST	Highly Sensitive Multi-layered Piezoelectric Tactile Sensor for Texture Recognition	제 센서 - 202241호
24	최우수논문상	poster	P07-18	Seyeon Park and Il-Doo Kim†	KAIST	Exclusively selective discrimination of volatile sulfur compounds toward exhaled breath analysis over oxide nanofibers functionalized with noble metal catalysts	제 센서 - 202242호
25	최우수논문상	poster	P04-26	Byeong-Hun Yu1), Sang-Won Lee1), Trinh Do Nguyen Thao1), Chan Woong Na2), Yoon Myung2), and Ji-Wook Yoon1),†	1) Jeonbuk National University 2) Korea Institute of Industrial Technology,	α-pinene sensing properties of rhombohedral In2O3 nanoparticles prepared by microwave-assisted hydrothermal method	제 센서 - 202243호
26	최우수논문상	poster	P11-14	Jun-Woo Lee1), Dong-Gyu Choi1), Tae-Ung Park2), Myung-Yeon Cho3), and Jong-Min Oh1),†	1) Kwangwoon University, 2) Korea University of Technology and Education, 3)Tokyo Institute of Technology	Study of Capacitance Moisture Sensors Based on BaTiO3/NaCl Hygroscopic Film	제 센서 - 202244호
27	최우수논문상	poster	P14-01	Eun Hee Kee1), Mohd Musaib Haidari1), Ji Hye Lee2,3), Jin Sik Choi1), and Bae Ho Park1),†	1) Konkuk University, 2) Seoul National University, Seoul 08826, Korea 3) Institute of Basic Science	Electrical and magnetic properties of graphene/graphene oxide heterostructure fabricated by chemical modification	제 센서 - 202245호
28	최우수논문상	Young Scientist Forum	YF-03	Byung Ku Jung, Ho Kun Woo, Taesung Park1), Woosik Kim, Jung Ho bae, Choi Young Kyun, and Soong Ju Oh†	Korea University	Suppression of the Dark Current in Quantum Dot Infrared Photodetectors by controlling carrier statistics	제 센서 - 202246호
29	최우수논문상	Young Scientist Forum	YF-11	Donghyun Kim1),2), Ki-Seob Hwang1), Won-Gun Koh2), and Jun-Young Lee1),†	1) Korea Institute of Industrial Technology, 2) Yonsei University	Volatile Organic Compounds Sensing Array and Optoelectronic Filter System via Ion-pairing Dyes with Wide Visible Spectrum	제 센서 - 202247호
30	최우수논문상	Young Scientist Forum	YF-18	Su-Yeon Joung1), and Haena Yim2), Jaehyung Shim1), Yeon Ho Kim1), Yoon Seok Kim1), Jin S. Kim1), Ji-Won Choi2),†, and Chul-Ho Lee1),†	1)KU-KIST Graduate School of Converging Science and Technology, Korea University 2) Korea Institute of Science and Technology	All Solution-Processed van der Waals Thin-Film Electronics with High Performance and Low-Power Operation	제 센서 - 202248호