

2023년 한국센서학회 춘계학술대회 포스터 논문 및 Young Scientist Forum 수상자 명단

No.	종류	세션정보	논문번호	발표	저자명	발표자소속	논문제목	상장번호
1	우수논문상	poster	P01-04	김준수	June Soo Kim1), Jae Yong Lee1), Seung Deok Kim1), Da Ye Kim1), Hyunjun Kim1), Noah Jang1), Jiajie Wang1), Maeum Han1), and Seong Ho Kong1),†	경북대학교	IZO/ZnO Nanowire Heterostructure for Enhanced Biomolecule Detection	제 센서 - 202301호
2	우수논문상	poster	P01-23	최유빈	YouBin Choi1),2), KyungYeun Kim1),3), SeungHwan Ko 3), JaYoung Kim 4), HoJeong Jeon1),2), HyoJin Lee1), and Wonryung Lee1),†	한국과학기술연구원	OECT multi gate aptasensor for ovarian cancer biomarker detection	제 센서 - 202302호
3	우수논문상	poster	P02-05	최중락	Jungrak Choi1) and Inkyu Park1),†	KAIST	Modulus-tunable 3D Electronics toward Customizable and High-performance Tactile Sensor	제 센서 - 202303호
4	우수논문상	poster	P04-12	노준호	Jun Ho Noh1),2), and Changsoon Choi1),†	동국대학교	Integrated Electrochemical Harvesting Fiber and Thermal Artificial Muscle for Self-Powered Temperature-Strain Dual Parameter Sensor	제 센서 - 202304호
5	우수논문상	poster	P04-22	김다빈	Dabin Kim1), Ziyue Yang1), Jaewon Cho1), Donggeun Park2), Dong Hwi Kim1), Jinkee Lee3),4), Seunghwa Ryu2), Sang-Woo Kim5),†, and Miso Kim1),6),†	1)성균관대학교 2)KAIST 3)성균관대 4)성균관대 5)연세대 6)성균관대	High-Performance Piezoelectric Yarns with AI-Enabled Sensing and Classification Capabilities for Wearable Devices	제 센서 - 202305호
6	우수논문상	poster	P04-25	안진우	Jin Woo An1) and Seoung-Ki Lee1),†	부산대학교	Fabrication of Zinc Oxide-Embedded Laser-Induced Graphene with One-Step Direct Laser Irradiation	제 센서 - 202306호
7	우수논문상	poster	P08-07	김유경	Yukyung Kim1), Kwang Hyeon Baik3), and Soohwan Jang1),2),†	1)단국대학교 2)단국대학교 3)홍익대학교	Gasochromic hydrogen sensing characteristics of oxide semiconductor	제 센서 - 202307호
8	우수논문상	poster	P05-08	유혜림	Hye-Lim Yu1) and Wook Jo1),†	UNIST	High-end transparent piezoceramics with high piezoelectricity and transparency at the same time	제 센서 - 202308호
9	우수논문상	poster	P13-01	서성빈	Seongbin Seo1), Donghyeon Lee1), Donghyeon Han2), Seyeop Jeong1), Geunwoo Kim2), Eunji Lim1), Siha Lee1), Thanh Huong Thi Nguyen3), Dongchan Jeong1), Asif Ullah1), Nyun Jong Lee1), Byong-Guk Park2), and Sanghoon Kim1),†	1)울산대학교 2)KAIST 3)DGIST	Study on Temperature Dependence of Exchange Bias at the NiFe/IrMn interface in MTJ for cryogenic MRAM	제 센서 - 202309호
10	우수논문상	poster	P14-15	장태민	Tae-Min Jang1) and Suk-Won Hwang1),†	고려대학교 KU-KIST융합대학원	Fully implantable Expandable Bioelectronics for Wireless Monitoring and Electrostimulation of the urinary bladder	제 센서 - 202310호
11	우수논문상	Young Scientist Forum	YF-09	M V CHINNAMANI	Mottour Vinayagam Chinnamani1) and Nae-Eung Lee1),†	성균관대학교	A Soft Microneedle-Integrated Microfluidic Biosensor Patch for Biofluid Sampling and Biosensing with Smartphone-Based Self-Test for Personalized and Precise Diagnosis	제 센서 - 202311호
12	우수논문상	Young Scientist Forum	YF-10	이상엽	Sang Yeop Lee1), Jung Ho Bae1), Heon Lee1),†, and Soong Ju Oh1),†	고려대학교	Designing a self-classifying smart device with UV light detecting sensor, display, and radiative cooling functions via spectrum-selective response	제 센서 - 202312호

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13	최우수논문상	poster	P02-13	박원정	Wonjung Park1) and Jang-Ung Park1), †	연세대학교	Correlation Analysis between Blood Glucose and Tear Glucose in Animal Models Using Smart Contact Lenses	제 센서 - 202313호
14	최우수논문상	poster	P02-19	정민지	Minji Jeong1), Jinho Kim1), Seungbeom Noh1), and Jaehong Lee1),†	DGIST	Potentiometric pH Sensing Sutures	제 센서 - 202314호
15	최우수논문상	poster	P04-28	이동수	Dongsu Lee1), Hyungyong Kim1), Seong-Jin Lee1), and Miso Kim1),†	성균관대학교	Effect of suspension concentration on 3D printed lead-free piezoelectric ceramics for energy harvesting and sensing applications	제 센서 - 202315호
16	최우수논문상	poster	P07-02	김기범	Ki Beom Kim1), Myung Sung Sohn1), Young Kook Moon1), Tae-Hyun Kim1), Byeong-Hun Yu2), Hua-Yao Li3), Yun Chan Kang1),†, and Ji-Wook Yoon2),†	1)고려대학교 2)전북대학교 3)Huazhong University of Science and Technology	Highly Selective and Sensitive Detection of Carcinogenic Benzene Using a Raisin Bread-Structured Film Comprising Catalytic Pd-Co3O4 and Gas-Sensing SnO2 Hollow Spheres	제 센서 - 202316호
17	최우수논문상	poster	P10-06	강순규	Soongyu Kang1), Yunho Jung1),†	한국항공대학교	Design of Multi-mode Sensor Signal Processor on FPGA Device	제 센서 - 202317호
18	최우수논문상	Young Scientist Forum	YF-05	현인아	Inah Hyun1), Hong-Joon Yoon2), Dong-Min Lee3), and Sang-Woo Kim1),†	1) 연세대학교, 2) 가천대학교, 3) 성균관대학교	Ion Dynamic-based Tactile Perception for Electronic Skins	제 센서 - 202318호