

# Jaeho Park

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2497046/publications.pdf>

Version: 2024-02-01

19  
papers

657  
citations

623734

14  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

891  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergetic Effect of Porous Elastomer and Percolation of Carbon Nanotube Filler toward High Performance Capacitive Pressure Sensors. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 1698-1706.	8.0	113
2	Micropatterning of metal oxide nanofibers by electrohydrodynamic (EHD) printing towards highly integrated and multiplexed gas sensor applications. <i>Sensors and Actuators B: Chemical</i> , 2017, 250, 574-583.	7.8	74
3	Ultrathin, Biocompatible, and Flexible Pressure Sensor with a Wide Pressure Range and Its Biomedical Application. <i>ACS Sensors</i> , 2020, 5, 481-489.	7.8	72
4	High Accuracy Real-Time Multi-Gas Identification by a Batch-Uniform Gas Sensor Array and Deep Learning Algorithm. <i>ACS Sensors</i> , 2022, 7, 430-440.	7.8	60
5	Wearable self-powered pressure sensor by integration of piezo-transmittance microporous elastomer with organic solar cell. <i>Nano Energy</i> , 2020, 74, 104749.	16.0	49
6	A room temperature hydrogen sulfide gas sensor based on electrospun polyaniline/polyethylene oxide nanofibers directly written on flexible substrates. <i>RSC Advances</i> , 2016, 6, 104131-104138.	3.6	48
7	Chemo-Mechanically Operating Palladium-Polymer Nanograting Film for a Self-Powered H <sub>2</sub> Gas Sensor. <i>ACS Nano</i> , 2020, 14, 16813-16822.	14.6	40
8	Microscale Biosensor Array Based on Flexible Polymeric Platform toward Lab-on-a-Needle: Real-Time Multiparameter Biomedical Assays on Curved Needle Surfaces. <i>ACS Sensors</i> , 2020, 5, 1363-1373.	7.8	37
9	Ultra-Wide Range Pressure Sensor Based on a Microstructured Conductive Nanocomposite for Wearable Workout Monitoring. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001461.	7.6	33
10	Biopsy Needle Integrated with Electrical Impedance Sensing Microelectrode Array towards Real-time Needle Guidance and Tissue Discrimination. <i>Scientific Reports</i> , 2018, 8, 264.	3.3	32
11	Heterogeneous Conductance-Based Locally Shape-Morphable Soft Electrothermal Actuator. <i>Advanced Materials Technologies</i> , 2020, 5, 1900997.	5.8	24
12	Self-Powered Gas Sensor Based on a Photovoltaic Cell and a Colorimetric Film with Hierarchical Micro/Nanostructures. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 39024-39032.	8.0	24
13	Biopsy needle integrated with multi-modal physical/chemical sensor array. <i>Biosensors and Bioelectronics</i> , 2020, 148, 111822.	10.1	19
14	Stretchable Printed Circuit Board Based on Leak-Free Liquid Metal Interconnection and Local Strain Control. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 1826-1837.	8.0	19
15	Real-Time Internal Steam Pop Detection during Radiofrequency Ablation with a Radiofrequency Ablation Needle Integrated with a Temperature and Pressure Sensor: Preclinical and Clinical Pilot Tests. <i>Advanced Science</i> , 2021, 8, e2100725.	11.2	5
16	Low Power Thermo-Catalytic Gas Sensor Based on Suspended Noble-Metal Nanotubes for H <sub>2</sub> Sensing. , 2019, , .		3
17	Flexible multi-modal micro-biosensor towards accurate cancer tissue targeting during biopsy process. , 2017, , .		2
18	Electrochemical Actuators: Heterogeneous Conductance-Based Locally Shape-Morphable Soft Electrothermal Actuator ( <i>Adv. Mater. Technol.</i> 2/2020). <i>Advanced Materials Technologies</i> , 2020, 5, 2070013.	5.8	2

#	ARTICLE	IF	CITATIONS
19	Mechanical characteristics of metal nanoparticle thin film on flexible substrate exposed to saline solution. <i>Nanotechnology</i> , 2021, 32, 055701.	2.6	1