

# Sanghyun Heo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3753945/publications.pdf>

Version: 2024-02-01

9  
papers

464  
citations

1478505

6  
h-index

1588992

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

935  
citing authors

#	ARTICLE	IF	CITATIONS
1	17-aF <sub>rms</sub> Resolution Noise-Immune Fingerprint Scanning Analog Front-End for Under-Glass Mutual-Capacitive Fingerprint Sensors. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 1135-1147.	5.4	4
2	A 32-dB SNR Readout IC With 20-Vpp Tx Using On-Chip DM-TISM in HV BCD Process for Mutual-Capacitive Fingerprint Sensor. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1224-1228.	3.0	2
3	Differential Coded Multiple Signaling Method With Fully Differential Receiver for Mutual Capacitive Fingerprint TSP. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 74-85.	5.4	11
4	Transparent and flexible fingerprint sensor array with multiplexed detection of tactile pressure and skin temperature. Nature Communications, 2018, 9, 2458.	12.8	303
5	Stretchable Dual-Capacitor Multi-Sensor for Touch-Curvature-Pressure-Strain Sensing. Scientific Reports, 2017, 7, 10854.	3.3	37
6	Research on flexible display at Ulsan National Institute of Science and Technology. Npj Flexible Electronics, 2017, 1, .	10.7	59
7	On-Display Transparent Half-Diamond Pattern Capacitive Fingerprint Sensor Compatible With AMOLED Display. IEEE Sensors Journal, 2016, 16, 8124-8131.	4.7	35
8	Algorithm for improving SNR using high voltage and differential Manchester code for capacitive touch screen panel. Electronics Letters, 2014, 50, 1813-1815.	1.0	12
9	Highly improved SNR differential sensing method using parallel operation signaling for touch screen application. , 2014, , .		1