

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
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9
all docs

9
docs citations

9
times ranked

935
citing authors

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