

# Shoubhik Gupta

## List of Publications by Year in descending order

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14  
papers

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citations

1040056

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h-index

1474206

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all docs

14  
docs citations

14  
times ranked

682  
citing authors

#	ARTICLE	IF	CITATIONS
1	Touch Sensor Based on Flexible AlN Piezocapacitor Coupled With MOSFET. IEEE Sensors Journal, 2020, 20, 6810-6817.	4.7	21
2	Polydimethylsiloxane as polymeric protective coating for fabrication of ultra-thin chips. Microelectronic Engineering, 2020, 221, 111157.	2.4	13
3	Temperature Compensated Tactile Sensing Using MOSFET With P(VDF-TrFE)/BaTiO <sub>3</sub> Capacitor as Extended Gate. IEEE Sensors Journal, 2019, 19, 435-442.	4.7	26
4	Wafer Scale Transfer of Ultrathin Silicon Chips on Flexible Substrates for High Performance Bendable Systems. Advanced Electronic Materials, 2018, 4, 1700277.	5.1	67
5	Ultra-thin chips for high-performance flexible electronics. Npj Flexible Electronics, 2018, 2, .	10.7	249
6	Flexible AlN Coupled MOSFET Device for Touch Sensing. , 2018, , .		6
7	Corrugated Graphene Network Based Pressure Sensor. , 2018, , .		1
8	Modeling of CMOS Devices and Circuits on Flexible Ultrathin Chips. IEEE Transactions on Electron Devices, 2017, 64, 2038-2046.	3.0	51
9	Heterogate junctionless tunnel field-effect transistor: future of low-power devices. Journal of Computational Electronics, 2017, 16, 30-38.	2.5	47
10	Device modelling of silicon based high-performance flexible electronics. , 2017, , .		1
11	Multifunctional flexible PVDF-TrFE/BaTiO <sub>3</sub> based tactile sensor for touch and temperature monitoring. , 2017, , .		9
12	Towards bendable piezoelectric oxide semiconductor field effect transistor based touch sensor. , 2016, , .		6
13	Ultra-Thin Silicon based Piezoelectric Capacitive Tactile Sensor. Procedia Engineering, 2016, 168, 662-665.	1.2	16
14	Device Modelling for Bendable Piezoelectric FET-Based Touch Sensing System. IEEE Transactions on Circuits and Systems I: Regular Papers, 2016, 63, 2200-2208.	5.4	32