

# Malti Bansal

## List of Publications by Year in descending order

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42  
papers

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1163117  
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g-index

44  
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44  
docs citations

44  
times ranked

266  
citing authors

#	ARTICLE	IF	CITATIONS
1	VLSI Layout: Concept to Realization. , 2022, , .		1
2	Comparison between Conventional Fast Multipliers and Improved Fast Multipliers using PTL Logic. IOP Conference Series: Materials Science and Engineering, 2021, 1126, 012041.	0.6	8
3	A Taxonomical Review of Multiplexer Designs for Electronic Circuits & Devices. Journal of Electronics and Informatics, 2021, 3, 77-88.	0.6	19
4	Design Considerations for Low Noise Amplifier. Lecture Notes in Networks and Systems, 2021, , 979-991.	0.7	0
5	LNA Architectures for ECG Analog Front End in CMOS Technology. Lecture Notes in Networks and Systems, 2021, , 973-984.	0.7	2
6	Qualitative Analysis of 2-bit CMOS Magnitude Comparator and GDI Magnitude Comparator using FinFET Technology (18nm). , 2020, , .		10
7	Cascode Inductive Source Degenerated CMOS LNA with Parallel RLC Output Matching Network for IEEE 802.11 Standard in 45 nm Technology. , 2020, , .		0
8	Palmistry using Machine Learning and OpenCV. , 2020, , .		2
9	Low Noise Amplifier for ECG Signals. , 2020, , .		5
10	Low-Noise Amplifier for Wireless Local Area Network Applications. Lecture Notes in Electrical Engineering, 2020, , 667-680.	0.4	1
11	Phototransistor: The Story So Far. Journal of Electronics and Informatics, 2020, 2, 202-210.	0.6	10
12	Maxwell Bridge: Past & Present. Journal of Electronics and Informatics, 2020, 2, 197-201.	0.6	0
13	IoT & Big Data in Smart Healthcare (ECG Monitoring). , 2019, , .		26
14	Low Noise Amplifier in Smart Healthcare Applications. , 2019, , .		8
15	ECG Electrodes for Smart ECG Monitoring for biomedical applications. , 2019, , .		0
16	Comparison of RL and LC Output Matching Networks for Cascode Inductive Source Degeneration LNA in 45 nm CMOS Technology. , 2019, , .		1
17	High Linearity and Low Power Cascode CMOS LNA for RF Front End Applications. , 2019, , .		4
18	Smart SWCNT ECG Electrodes for Continuous and Long-term Monitoring. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	CNT based Textiles for Smart ECG Monitoring. , 2019, , .		1
20	Low Power and High Linearity Cascode CMOS LNA for BLE Applications in 45 nm Technology. , 2019, , .		1
21	CNT based Wearable ECG Sensors. , 2019, , .		0
22	CNT based electrodes (wearable & textile-based) for cardiac monitoring in long term & continuous fashion. AIP Conference Proceedings, 2019, , .	0.4	5
23	IoT Based Development Boards for Smart Healthcare Applications. , 2018, , .		16
24	The genre of applications requiring long-term and continuous monitoring of ECG signals. , 2017, , .		5
25	Analytical study of high performance flip-flop circuits based on performance measurements. , 2017, , .		4
26	IoT based smart health care system using CNT electrodes (for continuous ECG monitoring). , 2017, , .		20
27	Design, analysis, and comparison of LNA topologies for IEEE 802.15.4 Zigbee standard. , 2017, , .		3
28	A High Linearity and Moderate Gain LNA for Receiver Front-End Applications in 2.4GHz ISM Band. , 2017, , .		5
29	A review of low noise amplifier for 2.4GHz frequency band. , 2017, , .		5
30	High linearity and low noise shunt resistive feedback CMOSLNA in 2.4GHz ISM band. , 2017, , .		3
31	High linearity and high input impedance matching common gate CMOSLNA in 2.4GHz ISM band. , 2017, , .		2
32	Analysis of Power Efficient 6-T SRAM Cell with Performance Measurements. , 2017, , .		7
33	A review of various applications of low noise amplifier. , 2017, , .		6
34	Comparison of time series similarity measures for plagiarism detection in music. , 2015, , .		2
35	MORPHOLOGICAL, OPTICAL AND ELECTRICAL CHARACTERIZATION OF SOLUTION PROCESSED MWNTâ€PEDOT:PSS NANOCOMPOSITE. International Journal of Modern Physics B, 2011, 25, 2543-2556.	2.0	9
36	Simultaneous Synthesis of Multi-Walled Carbon Nanotubes, Graphitic Rod-Like Structures and Rose Petal-Like Structures via a One-Step Water-Assisted Method. Fullerenes Nanotubes and Carbon Nanostructures, 2011, 19, 343-352.	2.1	6

#	ARTICLE	IF	CITATIONS
37	Comparison of structure and yield of multiwall carbon nanotubes produced by the CVD technique and a water assisted method. Physica B: Condensed Matter, 2010, 405, 1745-1749.	2.7	17
38	Erratum to "Comparison of structure and yield of multiwall carbon nanotubes produced by the CVD technique and a water assisted method" [Physica B 405 (2010) 1745]. Physica B: Condensed Matter, 2010, 405, 3514.	2.7	0
39	Change in conformation of polymer PFO on addition of multiwall carbon nanotubes. Nanoscale, 2010, 2, 1171.	5.6	11
40	Low electrical percolation threshold and PL quenching in solution-blended MWNTs/MEH PPV nanocomposites. Journal of Experimental Nanoscience, 2010, 5, 412-426.	2.4	15
41	Investigation of water-assisted synthesis of high quality carbon nanotubes. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2009, 157, 93-95.	3.5	11
42	Carbon nanotube-based organic light emitting diodes. Nanoscale, 2009, 1, 317.	5.6	65