Vandana Nath

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3809542/publications.pdf

Version: 2024-02-01

23	313	1163117 8	1125743 13
papers	citations	h-index	g-index

23	23	23	176
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dual metal Schottky barrier asymmetric gate stack cylindrical gate all around (DM-SB-ASMGS-CGAA) MOSFET for improved analog performance for high frequency application. Microsystem Technologies, 2022, 28, 761-770.	2.0	21
2	Enhanced Analog Performance and High-Frequency Applications of Dielectric Engineered High-K Schottky Nanowire FET. Silicon, 2022, 14, 9733-9749.	3.3	7
3	Dual-band elliptical wide-slot antenna with high BDR for portable wireless applications. International Journal of Electronics, 2021, 108, 442-461.	1.4	1
4	Gallium Nitride Cylindrical Schottky Barrier MOSFET(GaN-CSB-MOSFET) For High-Frequency Implementation. , 2021, , .		3
5	Circularly Polarized Microstrip-Line-Fed Antenna with Rotated Elliptical Slot Serving Satellite Communications. Wireless Personal Communications, 2020, 110, 1443-1458.	2.7	4
6	A circularly polarized printed elliptical wide-slot antenna with high bandwidth-dimension-ratio for wireless applications. Wireless Networks, 2020, 26, 5485-5499.	3.0	7
7	A high BDR microstripâ€line fed antenna with multiple asymmetric elliptical wideâ€slots for wideband applications. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22202.	1.2	3
8	Impact of Reverse Gate Oxide Stacking on Gate All Around Tunnel FET for High Frequency Analog and RF Applications. , 2020, , .		15
9	Optimization of Asymmetric Ï€ Gate HEMT for Improved Reliability & Frequency Applications. , 2019, , .		7
10	Comparison of Linearity and Intermodulation Distortion Metrics for T - and Pi - Gate HEMT. , 2019, , .		6
11	Novel design to improve band to band tunneling and gate induced drain leakages (GIDL) in cylindrical gate all around (GAA) MOSFET. Microsystem Technologies, 2019, 25, 1537-1546.	2.0	25
12	Hafnium oxide based cylindrical junctionless double surrounding gate (CJLDSG) MOSFET for high speed, high frequency digital and analog applications. Microsystem Technologies, 2019, 25, 1527-1536.	2.0	31
13	Introducing Multiband and Wideband Microstrip Patch Antennas Using Fractal Geometries: Development in Last Decade. Wireless Personal Communications, 2018, 98, 2079-2105.	2.7	30
14	Dual-Band Dual-Polarized Stacked Octagonal Fractal Patch Antenna with Nonlinear Manipulation. , 2018, , .		1
15	Microstripâ€lineâ€fed elliptical wideâ€slot antenna with similar parasitic patch for multiband applications. IET Microwaves, Antennas and Propagation, 2018, 12, 2172-2178.	1.4	12
16	GaN based Junctionless Double Surrounding Gate (JLDSG) MOSFET for high power, high voltage and high frequency applications. , 2016, , .		3
17	Dual-band microstrip line-fed antenna with fractal Spidron defected ground structure. , 2016, , .		4
18	Analysis of low mutual coupling compact multi-band microstrip patch antenna and its array using defected ground structure. Engineering Science and Technology, an International Journal, 2016, 19, 866-874.	3.2	25

#	Article	IF	Citations
19	Improved analog and AC performance with increased noise immunity using nanotube junctionless field effect transistor (NJLFET). Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	34
20	Design and simulation of tri-band spidron fractal equilateral triangle microstrip antenna. , 2016, , .		5
21	Numerical modeling of Subthreshold region of junctionless double surrounding gate MOSFET (JLDSG). Superlattices and Microstructures, 2016, 90, 8-19.	3.1	58
22	Silicon carbide based DSG MOSFET for high power, high speed and high frequency applications. , 2014, , .		7
23	Development and Integration of 1-D and 2-D Electromagnetic Band Gap Structures with Sierpinski and Minkowski Microstrip Fractal Antenna. Journal of Computational Intelligence and Electronic Systems, 2014, 3, 168-176.	0.1	4