

Zaharah Johari

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

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2258059

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49
citing authors

#	ARTICLE	IF	CITATIONS
1	A high gain and compact transmitarray antenna for Ku-band satellite communications. <i>Electromagnetics</i> , 2021, 41, 331-343.	0.7	0
2	Dual Band Horn Antenna Using Frequency Selective Surface Superstrate. , 2021, , .		1
3	A Computational Study on Sensing Properties of Oxygen on Defected Graphene Nanoribbon. , 2021, , .		0
4	Design of Low Power Gain-Cell eDRAM for 4Kb Memory Array in 130nm CMOS. , 2021, , .		0
5	Reliability Analysis Of Gate-All-Around Floating Gate (GAA-FG) With Variable Oxide Thickness For Flash Memory Cell. , 2020, , .		0
6	Centroid and Inversion Charge Model for Long Channel Strained-Silicon GAA MOSFET with Quantum Effect. , 2020, , .		0
7	Improved Sensing Properties of Amino Acid on Black Phosphorene: A Computational Study. , 2019, , .		1
8	Optimisation of Short Channel Strained Silicon Surrounding Gate MOSFET using Variable Oxide Thickness (VARIOT) for Low Power Application. , 2019, , .		0
9	X-band Rectangular to Square Waveguide Transition for Transmitarray Unit Cell Characterization. , 2019, , .		0
10	Design of 6T SRAM Cell Using Optimized 20 nm SOI Junctionless Transistor. , 2019, , .		3
11	Bending Effect on Flexible Surface Acoustic Wave Device towards Resonant Frequency. , 2019, , .		0
12	Stacking SiO ₂ / High- ϵ_r Dielectric Material in 30nm Junction-less Nanowire Transistor Optimized Using Taguchi Method for Lower Leakage Current. , 2019, , .		1
13	Warping Armchair Graphene Nanoribbon Curvature Effect on Sensing Properties: A Computational Study. <i>Journal of Electronic Materials</i> , 2018, 47, 2768-2775.	2.2	1
14	Graphene as Charge Storage Layer in Floating Gate Flash Memory with Highk Tunnel Barrier Engineering. , 2018, , .		0
15	Adsorption Site of Gas Molecules on Defective Armchair Graphene Nanoribbon Formed Through Ion Bombardment. <i>Journal of Electronic Materials</i> , 2018, 47, 1208-1217.	2.2	2
16	Improving graphene nanoribbon gas sensing behavior through warping. <i>Materials Research Express</i> , 2017, 4, 015003.	1.6	6
17	Preferable binding site of gas molecules on graphene nanoribbon with Stone-Wales defect. <i>Materials Research Express</i> , 2017, 4, 025014.	1.6	3
18	Reflectarray antenna performances using combination of rectangular and Jerusalem unit cells at 5.2 GHz. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
19	A charge-based compact modeling of cylindrical surrounding-floating gate MOSFET (S-FGMOSFET) for memory cell application. , 2016, , .		0
20	A computational study on transport properties of square graphene nanoconstriction. , 2015, , .		0
21	A Review of Graphene Based Field Effect Transistor Architecture and Channel Geometry. Science of Advanced Materials, 2015, 7, 2011-2020.	0.7	3
22	The effect of width on graphene nanoribbon density of state under uniaxial strain. , 2013, , .		1
23	Band energy effect on carrier velocity limit in graphene nanoribbon. Journal of Experimental Nanoscience, 2012, 7, 62-73.	2.4	5
24	LOW-FIELD MOBILITY MODEL ON PARABOLIC BAND ENERGY OF GRAPHENE NANORIBBON. Modern Physics Letters B, 2011, 25, 281-290.	1.9	4
25	Carbon nanotube conductance model in parabolic band structure. , 2010, , .		10
26	Nonparabolic band structure effect on carrier transport in semiconducting graphene nanoribbons. , 2010, , .		0