

Zaharah Johari

List of Publications by Year in descending order

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papers

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citations

2258059

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2053705

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all docs

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docs citations

26
times ranked

49
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Carbon nanotube conductance model in parabolic band structure. , 2010, , . | | 10 |
| 2 | Improving graphene nanoribbon gas sensing behavior through warping. Materials Research Express, 2017, 4, 015003. | 1.6 | 6 |
| 3 | Band energy effect on carrier velocity limit in graphene nanoribbon. Journal of Experimental Nanoscience, 2012, 7, 62-73. | 2.4 | 5 |
| 4 | LOW-FIELD MOBILITY MODEL ON PARABOLIC BAND ENERGY OF GRAPHENE NANORIBBON. Modern Physics Letters B, 2011, 25, 281-290. | 1.9 | 4 |
| 5 | Preferable binding site of gas molecules on graphene nanoribbon with Stoneâ€Wales defect. Materials Research Express, 2017, 4, 025014. | 1.6 | 3 |
| 6 | Design of 6T SRAM Cell Using Optimized 20 nm SOI Junctionless Transistor. , 2019, , . | | 3 |
| 7 | A Review of Graphene Based Field Effect Transistor Architecture and Channel Geometry. Science of Advanced Materials, 2015, 7, 2011-2020. | 0.7 | 3 |
| 8 | Adsorption Site of Gas Molecules on Defective Armchair Graphene Nanoribbon Formed Through Ion Bombardment. Journal of Electronic Materials, 2018, 47, 1208-1217. | 2.2 | 2 |
| 9 | The effect of width on graphene nanoribbon density of state under uniaxial strain. , 2013, , . | | 1 |
| 10 | Warping Armchair Graphene Nanoribbon Curvature Effect on Sensing Properties: A Computational Study. Journal of Electronic Materials, 2018, 47, 2768-2775. | 2.2 | 1 |
| 11 | Improved Sensing Properties of Amino Acid on Black Phosphorene: A Computational Study. , 2019, , . | | 1 |
| 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 | Dual Band Horn Antenna Using Frequency Selective Surface Superstrate. , 2021, , . | | 1 |
| 14 | Nonparabolic band structure effect on carrier transport in semiconducting graphene nanoribbons. , 2010, , . | | 0 |
| 15 | A computational study on transport properties of square graphene nanoconstriction. , 2015, , . | | 0 |
| 16 | Reflectarray antenna performances using combination of rectangular and Jerusalem unit cells at 5.2 GHz. , 2016, , . | | 0 |
| 17 | A charge-based compact modeling of cylindrical surrounding-floating gate MOSFET (S-FGMOSFET) for memory cell application. , 2016, , . | | 0 |
| 18 | Graphene as Charge Storage Layer in Floating Gate Flash Memory with High Tunnel Barrier Engineering. , 2018, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Optimisation of Short Channel Strained Silicon Surrounding Gate MOSFET using Variable Oxide Thickness (VARIOT) for Low Power Application. , 2019, , . | | 0 |
| 20 | X-band Rectangular to Square Waveguide Transition for Transmitarray Unit Cell Characterization. , 2019, , . | | 0 |
| 21 | Bending Effect on Flexible Surface Acoustic Wave Device towards Resonant Frequency. , 2019, , . | | 0 |
| 22 | Reliability Analysis Of Gate-All-Around Floating Gate (GAA-FG) With Variable Oxide Thickness For Flash Memory Cell. , 2020, , . | | 0 |
| 23 | Centroid and Inversion Charge Model for Long Channel Strained-Silicon GAA MOSFET with Quantum Effect. , 2020, , . | | 0 |
| 24 | A high gain and compact transmitarray antenna for Ku-band satellite communications. Electromagnetics, 2021, 41, 331-343. | 0.7 | 0 |
| 25 | A Computational Study on Sensing Properties of Oxygen on Defected Graphene Nanoribbon. , 2021, , . | | 0 |
| 26 | Design of Low Power Gain-Cell eDRAM for 4Kb Memory Array in 130nm CMOS. , 2021, , . | | 0 |