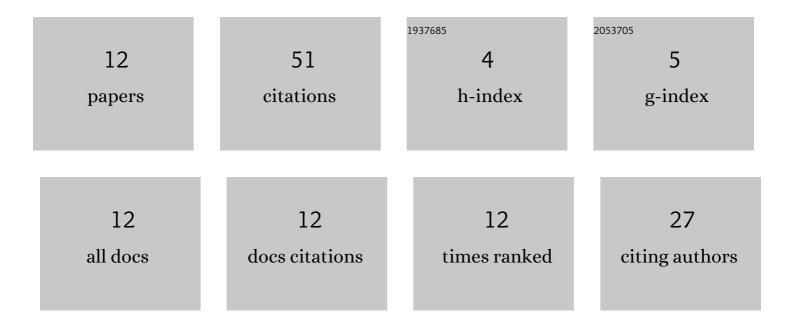
## Jibesh Kanti Saha

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7752186/publications.pdf Version: 2024-02-01



ΙΙΒΕSΗ ΚΛΝΤΙ SAHA

4

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Performance enhancement of charge plasma-based junctionless TFET (JL-TFET) using stimulated n-pocket and heterogeneous gate dielectric. Nanotechnology, 2021, 32, 335206.  | 2.6 | 5         |
| 2  | Linearity Performance and Distortion Analysis of Carbon Nanotube Tunneling FET. Journal of Electronic Materials, 2021, 50, 1496-1505.  | 2.2 | 2         |
| 3  | Effect of doping profile variation on nanoscale cylindrical gate carbon nanotube field-effect<br>transistor: a computational study using nonequilibrium Green's function formalism. Semiconductor<br>Science and Technology, 2021, 36, 015012. | 2.0 | 7         |
| 4  | A Comprehensive Study on Tunneling Field Effect Transistor using Non-local Band-to-Band Tunneling<br>Model. Journal of Physics: Conference Series, 2020, 1432, 012028.   | 0.4 | 5         |
| 5  | Comparative Performance Analysis of TMD based Multi-Bridge Channel Field Effect Transistor. , 2020, ,<br>·   |     | 4         |
| 6  | Design and Characterization of 2DEG Structure of a Gallium Nitride HEMT. , 2019, , .   |     | 1         |
| 7  | Characterization of Nanowire Field Effect Transistor and Comparison Based on Different<br>Performance Criteria. , 2019, , .  |     | 2         |
| 8  | RF Pilot Tone Based Photonic Pattern Recognition. , 2018, , .  |     | 0         |
| 9  | Performance Analysis of an Empirical Model of Carbon Nanotube Field Effect Transistor. , 2018, , .   |     | 0         |
| 10 | Short Channel Effects Characterization of 3-D FinFET for High-k Gate Dielectrics. , 2018, , .  |     | 1         |
| 11 | Impact of channel length, gate insulator thickness, gate insulator material, and temperature on the performance of nanoscale FETs. Journal of Computational Electronics, 2018, 17, 1521-1527.  | 2.5 | 20        |
|    |  |     |           |

12 Impact of scaling channel length on the performances of nanoscale FETs. , 2016, , .