

# Jibesh Kanti Saha

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

51  
citations

1937685  
4  
h-index

2053705  
5  
g-index

12  
all docs

12  
docs citations

12  
times ranked

27  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Effect of doping profile variation on nanoscale cylindrical gate carbon nanotube field-effect transistor: a computational study using nonequilibrium Green's function formalism. Semiconductor Science and Technology, 2021, 36, 015012.	2.0	7
3	A Comprehensive Study on Tunneling Field Effect Transistor using Non-local Band-to-Band Tunneling Model. Journal of Physics: Conference Series, 2020, 1432, 012028.	0.4	5
4	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
5	Impact of scaling channel length on the performances of nanoscale FETs. , 2016, , .		4
6	Comparative Performance Analysis of TMD based Multi-Bridge Channel Field Effect Transistor. , 2020, , .		4
7	Characterization of Nanowire Field Effect Transistor and Comparison Based on Different Performance Criteria. , 2019, , .		2
8	Linearity Performance and Distortion Analysis of Carbon Nanotube Tunneling FET. Journal of Electronic Materials, 2021, 50, 1496-1505.	2.2	2
9	Short Channel Effects Characterization of 3-D FinFET for High-k Gate Dielectrics. , 2018, , .		1
10	Design and Characterization of 2DEG Structure of a Gallium Nitride HEMT. , 2019, , .		1
11	RF Pilot Tone Based Photonic Pattern Recognition. , 2018, , .		0
12	Performance Analysis of an Empirical Model of Carbon Nanotube Field Effect Transistor. , 2018, , .		0