

# Arnab Mukhopadhyay

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

43  
citations

1937685

4  
h-index

2053705

5  
g-index

10  
all docs

10  
docs citations

10  
times ranked

49  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of a temperature-dependent delay optimization model for GNR interconnects using a wire sizing method. Journal of Computational Electronics, 2018, 17, 1536-1548.	2.5	16
2	Analysis of tunneling currents in multilayer black phosphorous and $\text{MoS}_2$ non-volatile flash memory cells. Journal of Computational Electronics, 2016, 15, 129-137.	2.5	8
3	Ab initio study of mono-layer 2-D insulators (X-(OH) <sub>2</sub> and h-BN) and their use in MTJ memory device. Microsystem Technologies, 2019, 25, 1909-1917.	2.0	8
4	The effect of the stacking arrangement on the device behavior of bilayer MoS <sub>2</sub> FETs. Journal of Computational Electronics, 2021, 20, 161-168.	2.5	6
5	A Hybrid Atomistic - Semi-Analytical Modeling on Schottky Barrier Au-MoS <sub>2</sub> -Au MOSFETs. , 2018, , .		2
6	Strain modulated variations in monolayer phosphorene n-MOSFET. , 2015, , .		1
7	Performance Analysis of Schottky Barrier Height Modulation in Strained (10, 0) MoS <sub>2</sub> Armchair Nano Ribbon-Metal Junction. , 2018, , .		1
8	Prevention of Highly Power-Efficient Circuits due to Short-Channel Effects in MOSFETs. IEICE Transactions on Electronics, 2019, E102.C, 487-494.	0.6	1
9	Performance analysis of 2D Graphene FET embedded with hexagonal boron nitride clusters. , 2017, , .		0
10	Effect of Uniaxial Strain on Properties of Blue Phosphorene-CNT Heterojunction. , 2019, , .		0