

Arnab Mukhopadhyay

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

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citations

1937685

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2053705

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10
all docs

10
docs citations

10
times ranked

49
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of the stacking arrangement on the device behavior of bilayer MoS ₂ FETs. Journal of Computational Electronics, 2021, 20, 161-168.	2.5	6
2	Effect of Uniaxial Strain on Properties of Blue Phosphorene-CNT Heterojunction. , 2019, , .		0
3	Ab initio study of mono-layer 2-D insulators (X-(OH) ₂ and h-BN) and their use in MTJ memory device. Microsystem Technologies, 2019, 25, 1909-1917.	2.0	8
4	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
5	A Hybrid Atomistic - Semi-Analytical Modeling on Schottky Barrier Au-MoS ₂ -Au MOSFETs. , 2018, , .		2
6	Performance Analysis of Schottky Barrier Height Modulation in Strained (10, 0) MoS ₂ Armchair Nano Ribbon-Metal Junction. , 2018, , .		1
7	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
8	Performance analysis of 2D Graphene FET embedded with hexagonal boron nitride clusters. , 2017, , .		0
9	Analysis of tunneling currents in multilayer black phosphorous and MoS_2 non-volatile flash memory cells. Journal of Computational Electronics, 2016, 15, 129-137.	2.5	8
10	Strain modulated variations in monolayer phosphorene n-MOSFET. , 2015, , .		1