

Pranshoo Upadhyay

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

106
citations

1684188

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h-index

1588992

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all docs

10
docs citations

10
times ranked

14
citing authors

#	ARTICLE	IF	CITATIONS
1	Insight into Threshold Voltage and Drain Induced Barrier Lowering in Negative Capacitance Field Effect Transistor. Transactions on Electrical and Electronic Materials, 2021, 22, 267-273.	1.9	23
2	Insights into the operation of negative capacitance FinFET for low power logic applications. Microelectronics Journal, 2022, 119, 105321.	2.0	21
3	Assessing the analog/RF and linearity performances of FinFET using high threshold voltage techniques. Semiconductor Science and Technology, 2022, 37, 055010.	2.0	21
4	Design and Analysis of Improved Phase-Transition FinFET Utilizing Negative Capacitance. IEEE Transactions on Electron Devices, 2021, 68, 853-859.	3.0	14
5	Ferroelectric Negative-Capacitance-Assisted Phase-Transition Field-Effect Transistor. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2022, 69, 863-869.	3.0	7
6	Effect of back gate biasing in negative capacitance field effect transistor. , 2022, 166, 207226.		6
7	Layer parity dependent Raman-active modes and crystal symmetry in ReS_2 . Physical Review B, 2022, 105, .	3.2	5
8	Negative capacitance based phase-transition FET for low power applications: Device-circuit co-design. Microelectronics Journal, 2022, 123, 105411.	2.0	5
9	Twist-Dependent Tuning of Excitonic Emissions in Bilayer WSe_2 . ACS Omega, 2022, 7, 6412-6418.	3.5	4
10	Effect of Scaling on Passive Voltage Amplification in FE-DE Hetero Structure. , 2021, , .		0