

# Pranshoo Upadhyay

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1980102/publications.pdf>

Version: 2024-02-01

10  
papers

106  
citations

1684188

5  
h-index

1588992

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

14  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ferroelectric Negative-Capacitance-Assisted Phase-Transition Field-Effect Transistor. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2022, 69, 863-869.	3.0	7
2	Layer parity dependent Raman-active modes and crystal symmetry in $\text{ReS}_2$ . Physical Review B, 2022, 105, .	3.2	5
3	Insights into the operation of negative capacitance FinFET for low power logic applications. Microelectronics Journal, 2022, 119, 105321.	2.0	21
4	Twist-Dependent Tuning of Excitonic Emissions in Bilayer $\text{WSe}_2$ . ACS Omega, 2022, 7, 6412-6418.	3.5	4
5	Assessing the analog/RF and linearity performances of FinFET using high threshold voltage techniques. Semiconductor Science and Technology, 2022, 37, 055010.	2.0	21
6	Negative capacitance based phase-transition FET for low power applications: Device-circuit co-design. Microelectronics Journal, 2022, 123, 105411.	2.0	5
7	Effect of back gate biasing in negative capacitance field effect transistor. , 2022, 166, 207226.		6
8	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
9	Design and Analysis of Improved Phase-Transition FinFET Utilizing Negative Capacitance. IEEE Transactions on Electron Devices, 2021, 68, 853-859.	3.0	14
10	Effect of Scaling on Passive Voltage Amplification in FE-DE Hetero Structure. , 2021, , .		0