

Shubhakar Kalya

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

100
citations

2682572

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2917675

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g-index

11
all docs

11
docs citations

11
times ranked

186
citing authors

#	ARTICLE	IF	CITATIONS
1	Conductive Atomic Force Microscope Study of Bipolar and Threshold Resistive Switching in 2D Hexagonal Boron Nitride Films. Scientific Reports, 2018, 8, 2854.	3.3	55
2	Boron Vacancies Causing Breakdown in 2D Layered Hexagonal Boron Nitride Dielectrics. IEEE Electron Device Letters, 2019, 40, 1321-1324.	3.9	16
3	CAFM based spectroscopy of stress-induced defects in HfO ₂ with experimental evidence of the clustering model and metastable vacancy defect state. , 2016, , .		10
4	Mechanism of soft and hard breakdown in hexagonal boron nitride 2D dielectrics. , 2018, , .		10
5	Understanding the switching mechanism in RRAM using in-situ TEM. , 2016, , .		5
6	Multiphysics based 3D percolation framework model for multi-stage degradation and breakdown in high- ϵ Interfacial layer stacks. , 2016, , .		2
7	Dielectric Breakdown in 2D Layered Hexagonal Boron Nitride – The Knowns and the Unknowns. , 2019, , .		2
8	Observation of resistive switching by physical analysis techniques. , 2016, , .		0
9	Nanoscale investigations of soft breakdown events in few layered fluorinated graphene. , 2017, , .		0
10	Reliability and Breakdown Study of Erase Gate Oxide in Split-Gate Non-Volatile Memory Device. , 2020, , .		0