

Pragya Rasmi Shrestha

List of Publications by Year in descending order

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19
papers

266
citations

933447

10
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

526
citing authors

#	ARTICLE	IF	CITATIONS
1	Resistive Switching Nanodevices Based on Metal-Organic Frameworks. ChemNanoMat, 2016, 2, 67-73.	2.8	58
2	Precise control of highly ordered arrays of nested semiconductor/metal nanotubes. Nano Research, 2011, 4, 164-170.	10.4	34
3	Probing Charge Recombination Dynamics in Organic Photovoltaic Devices under Open-Circuit Conditions. Advanced Energy Materials, 2014, 4, 1400356.	19.5	28
4	Electron Spin Resonance Scanning Probe Spectroscopy for Ultrasensitive Biochemical Studies. Analytical Chemistry, 2015, 87, 4910-4916.	6.5	19
5	Characteristics of Resistive Memory Read Fluctuations in Endurance Cycling. IEEE Electron Device Letters, 2017, 38, 326-329.	3.9	17
6	Impact of RRAM Read Fluctuations on the Program-Verify Approach. IEEE Electron Device Letters, 2017, 38, 736-739.	3.9	17
7	Scalable microresonators for room-temperature detection of electron spin resonance from dilute, sub-nanoliter volume solids. Science Advances, 2020, 6, .	10.3	17
8	Toward reliable RRAM performance: macro- and micro-analysis of operation processes. Journal of Computational Electronics, 2017, 16, 1085-1094.	2.5	15
9	Analysis and Control of RRAM Overshoot Current. IEEE Transactions on Electron Devices, 2018, 65, 108-114.	3.0	14
10	Ferroelectricity in Polar Polymer-Based FETs: A Hysteresis Analysis. Advanced Functional Materials, 2018, 28, 1705250.	14.9	14
11	Accurate Fast Capacitance Measurements for Reliable Device Characterization. IEEE Transactions on Electron Devices, 2014, 61, 2509-2514.	3.0	7
12	Pulsed I-V on TFETs: Modeling and Measurements. IEEE Transactions on Electron Devices, 2017, 64, 1489-1497.	3.0	6
13	Nonresonant Transmission Line Probe for Sensitive Interferometric Electron Spin Resonance Detection. Analytical Chemistry, 2019, 91, 11108-11115.	6.5	6
14	Rapid and Accurate $\int_{-\infty}^{\infty} \delta(t) \delta(t) dt$ and $\int_{-\infty}^{\infty} \delta(t) \delta(t) dt$ Measurements. IEEE Transactions on Electron Devices, 2016, 63, 3851-3856.	3.0	5
15	High Speed Switching Characteristics of Pt/Ta ₂ O ₅ /Cu Memristive Switch. ECS Transactions, 2011, 41, 461-467.	0.5	4
16	Experimental Study of ALD HfO ₂ Deposited on Strained Silicon-on-Insulator (sSOI & xsSOI) and SOI. ECS Transactions, 2007, 11, 421-429.	0.5	2
17	Highly Efficient Rapid Annealing of Thin Polar Polymer Film Ferroelectric Devices at Sub-Glass Transition Temperature. Advanced Functional Materials, 2018, 28, 1704165.	14.9	2
18	ALD Synthesis of Tube-in-Tube Nanostructures of Transition Metal Oxides by Template Replication. ECS Transactions, 2009, 25, 191-198.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Control of Current Compliance in Rram: Optimized Vs. Minimized Parasitics. ECS Meeting Abstracts, 2018, , .	0.0	0