

# 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	Scalable microresonators for room-temperature detection of electron spin resonance from dilute, sub-nanoliter volume solids. <i>Science Advances</i> , 2020, 6, .	10.3	17
2	Nonresonant Transmission Line Probe for Sensitive Interferometric Electron Spin Resonance Detection. <i>Analytical Chemistry</i> , 2019, 91, 11108-11115.	6.5	6
3	Analysis and Control of RRAM Overshoot Current. <i>IEEE Transactions on Electron Devices</i> , 2018, 65, 108-114.	3.0	14
4	Highly Efficient Rapid Annealing of Thin Polar Polymer Film Ferroelectric Devices at Sub-Glass Transition Temperature. <i>Advanced Functional Materials</i> , 2018, 28, 1704165.	14.9	2
5	Ferroelectricity in Polar Polymer-Based FETs: A Hysteresis Analysis. <i>Advanced Functional Materials</i> , 2018, 28, 1705250.	14.9	14
6	Control of Current Compliance in Rram: Optimized Vs. Minimized Parasitics. <i>ECS Meeting Abstracts</i> , 2018, , .	0.0	0
7	Characteristics of Resistive Memory Read Fluctuations in Endurance Cycling. <i>IEEE Electron Device Letters</i> , 2017, 38, 326-329.	3.9	17
8	Pulsed I-V on TFETs: Modeling and Measurements. <i>IEEE Transactions on Electron Devices</i> , 2017, 64, 1489-1497.	3.0	6
9	Impact of RRAM Read Fluctuations on the Program-Verify Approach. <i>IEEE Electron Device Letters</i> , 2017, 38, 736-739.	3.9	17
10	Toward reliable RRAM performance: macro- and micro-analysis of operation processes. <i>Journal of Computational Electronics</i> , 2017, 16, 1085-1094.	2.5	15
11	Rapid and Accurate $\frac{dR}{R}$ & $\frac{dV}{V}$ Measurements. <i>IEEE Transactions on Electron Devices</i> , 2016, 63, 3851-3856.	3.0	5
12	Resistive Switching Nanodevices Based on Metal-Organic Frameworks. <i>ChemNanoMat</i> , 2016, 2, 67-73.	2.8	58
13	Electron Spin Resonance Scanning Probe Spectroscopy for Ultrasensitive Biochemical Studies. <i>Analytical Chemistry</i> , 2015, 87, 4910-4916.	6.5	19
14	Accurate Fast Capacitance Measurements for Reliable Device Characterization. <i>IEEE Transactions on Electron Devices</i> , 2014, 61, 2509-2514.	3.0	7
15	Probing Charge Recombination Dynamics in Organic Photovoltaic Devices under Open-Circuit Conditions. <i>Advanced Energy Materials</i> , 2014, 4, 1400356.	19.5	28
16	Precise control of highly ordered arrays of nested semiconductor/metal nanotubes. <i>Nano Research</i> , 2011, 4, 164-170.	10.4	34
17	High Speed Switching Characteristics of Pt/Ta <sub>2</sub> O <sub>5</sub> /Cu Memristive Switch. <i>ECS Transactions</i> , 2011, 41, 461-467.	0.5	4
18	ALD Synthesis of Tube-in-Tube Nanostructures of Transition Metal Oxides by Template Replication. <i>ECS Transactions</i> , 2009, 25, 191-198.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Experimental Study of ALD HfO <sub>2</sub> Deposited on Strained Silicon-on-Insulator (sSOI & xsSOI) and SOI. ECS Transactions, 2007, 11, 421-429.	0.5	2