

# Sethu Saveda Suvanam

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1945479/publications.pdf>

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10  
papers

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citations

1478505

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1588992

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g-index

10  
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docs citations

10  
times ranked

158  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bipolar integrated circuits in SiC for extreme environment operation. Semiconductor Science and Technology, 2017, 32, 034002.	2.0	28
2	High Gamma Ray Tolerance for 4H-SiC Bipolar Circuits. IEEE Transactions on Nuclear Science, 2017, 64, 852-858.	2.0	18
3	Improved interface and electrical properties of atomic layer deposited Al <sub>2</sub> O <sub>3</sub> /4H-SiC. Applied Surface Science, 2018, 433, 108-115.	6.1	12
4	Extreme radiation hard thin film CZTSSe solar cell. Solar Energy Materials and Solar Cells, 2018, 185, 16-20.	6.2	12
5	4H-silicon carbide-dielectric interface recombination analysis using free carrier absorption. Journal of Applied Physics, 2015, 117, 105309.	2.5	11
6	Effects of 3-MeV Protons on 4H-SiC Bipolar Devices and Integrated OR-NOR Gates. IEEE Transactions on Nuclear Science, 2014, 61, 1772-1776.	2.0	9
7	Interface between Al <sub>2</sub> O <sub>3</sub> and 4H-SiC investigated by time-of-flight medium energy ion scattering. Journal Physics D: Applied Physics, 2017, 50, 495111.	2.8	5
8	Interface Analysis of P-Type 4H-SiC/Al <sub>2</sub> O <sub>3</sub> Using Synchrotron-Based XPS. Materials Science Forum, 0, 858, 693-696.	0.3	4
9	Antimony-Doped Tin Oxide as Transparent Back Contact in Cu <sub>2</sub> ZnSnS <sub>4</sub> Thin-Film Solar Cells. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1900542.	1.8	3
10	Impact of H <sub>2</sub> Uptake from Forming Gas Annealing and Ion Implantation on the Photoluminescence of Si Nanoparticles. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1700444.	1.8	0